#1 58341

Project Note

Date: March 28, 2017

Name: Judy Canova
Firm: South Carolina Department of Health and Environmental Control, State Remediation
Title: Senior Scientist

Signature: Judy Canova

Subject: August, September, October, and November 2016 South Carolina Department of Health and Environmental Control (SCDHEC) Sampling Events at and in the Vicinity of the Burlington Industries Cheraw (BIC) Property

SUMMARY

Numerous sampling events were conducted at and in the vicinity of the BIC property. The sampling events were conducted during several months (between August and November of 2016) in an effort to determine the extent of contamination on the BIC property, residential properties, and along the surface water migration route. Details regarding each sampling event are discussed below.

Notes Regarding All Sampling Events

- Sampling was conducted in accordance with the following:
  - EPA Field Branches Quality System and Technical Procedures (FBQSTP) Soil Sampling, SESDPROC-300-R3, August 21, 2014
  - EPA FBQSTP Sediment Sampling, SESDPROC-200-R3, August 21, 2014
  - EPA FBQSTP Waste Sampling, SESDPROC-302-R2, January 29, 2013
- All samples contained in the attached spreadsheet are grab samples. Soil samples were collected by use of direct-push technology (DPT), hand augers, and aluminum pans, and spoons. Sediment samples were collected by use of aluminum pans and spoons.
- The intermittent drainage ditch begins on the BIC property, flows north along the backyard of residential properties and joins a tributary of Wilson Branch. The tributary of Wilson Branch is perennial.
- During the 2016 sampling events, a (1) maintained engineered cover, or (2) functioning and maintained run-on control system and runoff management system were not observed.
- Soil and sediment within the BIC property, surrounding residential properties, and surface water migration route likely became contaminated due to the direct discharge of effluent to the drainage ditchand surface water runoff from the BIC property and former settling ponds.

August 2016

- All samples were collected in accordance with the approved quality assurance project plan (QAPP) dated August 18, 2016. Deviations are contained in the SCDHEC memorandum, site sampling trip report, dated August 30, 2016.
- Sludge was observed in pieces on top of the former settling ponds (BL-WA-01, BL-WA-2) and in a residential property about 540 feet east of the former settling ponds (BL-WA-3). The sludge was a greenish color with a latex/rubbery like consistency. Pieces of sludge mixed with soil were observed during the advancement of direct push borings within the former settling ponds. The ditch adjacent to the former settling ponds also contained pieces of sludge. Additionally, sludge mixed with soil and/or sediment was observed in samples BL-DS-04, BL-SS-67, and SS-81.
  - BL-DS-04 – Sediment sample collected from 2 to 4 inches below the ditch bed. Collocated with BL-SD-04. Located at the headwaters of the drainage ditch adjacent to the manufacturing complex (see Ref. 10, p. 3).
  - SS-67 – Surface soil sample collected from 0 to 6 inches bgs. Collected from a residential property north of the former settling ponds (see Ref. 10, p. 5).

- SS-81 – Surface soil sample from 0 to 6 inches bgs. Collected on the northwestern portion of the BIC manufacturing complex (see Ref. 10, p. 4).

- Surface soil samples, designated SS in the sample identification (ID), were collected from 0 to 6 inches below ground surface (bgs) except for samples BL-SS-59 (0-3") BL-SS-52B (0-4"), and BL-BKG-SS (0-2").
- Subsurface soil samples were collected from 6 to 18 inches bgs except for sample BL-BKG-SB which was collected from 8-16" bgs.
- Surface sediment samples were collected from 0 to 2 inches below the stream bed.
- Deep sediment samples were collected from 2 to 6 inches below the stream bed.
- 29 surface soil, 5 subsurface soil, 12 sediment, 10 deep sediment, and 3 waste samples were collected during the sampling event.
- Sample SB-67 was a deeper sample collected from 6-18" bgs at the same location as sample SS-67 (0-6" bgs).
- All samples were analyzed by Shealy Environmental Services, Inc. (Shealy) for polychlorinated biphenyls (PCB) by EPA Method 8082A. Selected samples were analyzed for metals by EPA Method 6010C, volatile organic compounds (VOC) by EPA Method 8260B, semivolatile organic compounds (SVOC) by 8270D, and pesticides by EPA Method 8081B.
- Background sediment sample BL-BKG-SD (0 to 6 inches below the stream bed) was collected from a perennial tributary of Wilson Branch near Arrowhead Park. The sample was collected about 0.3 mile upstream of its confluence with the drainage ditch.
- Sediment samples were collected from the drainage ditch and Wilson Branch tributary.
  - Sediment samples collected and submitted for laboratory analysis along the drainage ditch include SD-01, SD-01B, DS-01B, SD-04, DS-04-Dup, SD-05, DS-06, SD-09, DS-09, SD-13, DS-13, DS-14, SD-16, and DS-18.
  - Sediment samples SD-19 and DS-19 were collected from the Bomar Gardens Pond where the tributary of Wilson Branch overflows periodically into the pond. These sediment samples were collected from the Bomar Gardens Pond between Murray Drive and Lakeway Drive.

<u>September 2016</u>

- All samples were collected in accordance with the approved QAPP dated September 13, 2016. Deviations are contained in the SCDHEC memorandum regarding the site sampling trip report, dated October 13, 2016.
- About 135 surface soil and 35 sediment samples were collected during the sampling event.
- The following samples were collected from 0 to 12 inches bgs
  - BL-SS-HA-104_1
  - BL-SS-HA-114_1
  - BL-HA-117_1
  - HA-118-0-1
  - BL-DP-116_1
- All samples were analyzed by Shealy for PCBs by EPA Method 8082A. Selected samples were analyzed for metals by EPA Method 6010C, VOCs by EPA Method 8260B, SVOCs by 8270D, and pesticides by EPA Method 8081B.
- One sediment sample was collected from an unnamed tributary to the Pee Dee River thought to be influenced by Huckleberry Creek, sample BL-SD-229
- Nine sediment samples were collected from the Wilson Branch between Lakeway Drive and 2nd Street.
  - BL-SD-224, BL-SD-233, BL-SD-232, BL-SD-231, BL-SD-226, BL-SD-227, BL-SD-237
- Three sediment samples were collected from Huckleberry Branch
  - BL-SD-228, BL-DS-228, BL-SD-250
- Five sediment samples were collected from Wilson Branch tributary and two ponds between Murray Drive and Jersey Street

- BL-SD-223, BL-SD-217, BL-SD-218, BL-SD-220, BL-SD-221, BL-SD-222
- Five sediment samples were collected from Wilson Branch tributary between Jersey Street and Pinewood Drive
- BL-SD-213, BL-SD-215, BL-SD-216, BL-SD-206, BL-SD-211
- Ten sediment samples were collected from the drainage ditch
  - BL-SD-200, BL-SD-202, BL-SD-204, BL-SD-204-DUP, BL-SD-6_1, BL-SD-6_2, BL-SD-6_3, BL-SD-6_4, BL-SD-6_5, BL-SD-6_5-DUP
- Sample SS-233 is a sediment sample collected from Wilson Branch. The sample is incorrectly listed on the analytical data sheets as SS-233. The logbook notes and chain of custody record are correct.

October 2016

- Two sampling events occurred during this month. The first was conducted on October 5, 2016 and the second was conducted on October 20, 2016.
- All samples were collected in general accordance with the approved QAPP dated September 13, 2016.
- October 5, 2016 Event – 20 surface soil samples, 0 to 2 inches bgs
  - 18 soil samples were collected from residential properties
  - 4 soil samples were collected from Huckleberry park
  - All samples were sent to Shealy for PCB analysis, EPA Method 8082A
- Surface soil samples Gainey A (RJ05119-005) and Heffner B (RJ05119-014) were collected from 0 to 2 inches bgs.
- General information regarding the October 5, 2016 sampling event is contained in the SCDHEC Memorandum, dated October 14, 2016.
- Sample information (sample name, sample type, sample depth) for the October 20, 2016 event is contained in the SCDHEC Memorandum dated November 11, 2016.
- All samples were analyzed by Shealy for PCBs by EPA Method 8082A.
- Four sediment samples were collected from Wilson Branch in the vicinity of Huckleberry Park. Sediment samples were collected from 0 to 2 inches below the stream bed and DS samples were collected from 0 to 12 inches below the stream bed.
  - HP-001-SD, HP-001-DS, HP-002SD, and HP-002-DS

November 2016

- All samples were collected in accordance with the approved QAPP dated November 10, 2016. Deviations are contained in the SCDHEC Memorandum dated December 13, 2016.
- All samples were sent to Shealy for PCB analysis by EPA Method 8082A. One sediment sample, SD-294 was also analyzed for target analyte list metals by EPA Method 6010C, VOCs by EPA Method 8260B, SVOCs by 8270D, and pesticides by EPA Method 8081B.
- 42 soil samples and 16 sediment samples were collected during the sampling event.
- Sediment sample SD308 was collected from 0 to 3 inches below the stream bed.
- Sediment samples collected from the Pee Dee River – BL-SD-302, BL-SD-303, BL-SD-304, BL-SD-305, BL-SD-306, BL-SD-307, BL-SD-309
- Sediment samples collected from Wilson Branch tributary and surface water features between Murray Drive and Lakeway Drive – BL-SD-294, BL-SD-300, BL-SD-301, BL-SD-308
- Sediment samples collected from Wilson Branch tributary and surface water features between Jersey Street and Murray Drive – BL-SD-295, BL-SD-296, BL-SD-297, BL-SD-298, BL-SD-299

RESPONSE REQUIRED

(x) None ( ) Phone call ( ) Memo ( ) Letter ( ) Report

cc: File (x) Project Manager ( ) Principal Investigator ( ) Other (specify)

BLANK PAGE

#2

Project Note

Date: November 10, 2016	Project Number: TT-05-027

Name: Shanna Davis
Firm: Tetra Tech EM Inc.
Title: Environmental Scientist
Time: 0930

Signature: Shanna Davis

Subject: South Carolina Department of Health and Environmental Control (SCDHEC) August 2016 Sampling – Laboratory Analytical Data

SUMMARY

Attached are analytical data reports from the SCDHEC August 2016 sampling event. The samples were analyzed by Shealy Environmental Services, Inc. (Shealy).

Lot Number: RH24015, Date Completed: 09/07/2016
Lot Number: RH25003, Date Completed: 09/09/2016
Lot Number: RH26003, Date Completed: 09/12/2016

RESPONSE REQUIRED

(x) None ( ) Phone call ( ) Memo ( ) Letter ( ) Report

cc: File (x) Project Manager ( ) Principal Investigator ( ) Other (specify)

SHEALY ENVIRONMENTAL SERVICES, INC.

Report of Analysis

synTerra
INNOVATE
148 River Street, Suite 220
Greenville, SC 29601
Attention: Howard Frank

Project Name: **Burlington Lagoon Site**

Project Number: **1112.11**

Lot Number: **RH24015**

Date Completed: **09/07/2016**

Kelly M. Nance
Project Manager

LABORATORY ACCREDITATION BUREAU ACCREDITED

This report shall not be reproduced, except in its entirety, without the written approval of Shealy Environmental Services, Inc.

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

Case Narrative
synTerra
Lot Number: RH24015

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

All results listed in this report relate only to the samples that are contained within this report.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

Pesticides
Due to high detections for target compounds, samples -002, -009, -012, -013, -014, -015, -016 and -017 were diluted 1000x, 500x, 100x, 100x, 1000x, 1000x, 500x and 100x, respectively. As a result, the associated surrogates were recovered outside of the acceptance limits. No corrective action was required, as dilutions of 5x and greater may impact surrogate recoveries.

PCBs
Due to high detections for target compounds, samples -001, -002, -003, -004, -005, -006, -008, -009, -010, -013, -014, -015, -016 and -017 were diluted 5000x, 5000x, 2000x, 1000x, 500x, 500x, 2000x, 1000x, 1000x, 1000x, 2000x, 2000x, 5000x and 1000x, respectively. As a result, the associated surrogates were recovered outside of the acceptance limits. No corrective action was required, as dilutions of 5x and greater may impact surrogate recoveries.

Sample Summary
synTerra
Lot Number: RH24015

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	BL-DS-06	Solid	08/22/2016 1150	08/24/2016
002	BL-DS-09	Solid	08/22/2016 1453	08/24/2016
003	BL-SD-09	Solid	08/22/2016 1448	08/24/2016
004	BL-SD-05	Solid	08/22/2016 1200	08/24/2016
005	BL-DS-13	Solid	08/22/2016 1537	08/24/2016
006	BL-SD-13	Solid	08/22/2016 1532	08/24/2016
007	BL-SD-16	Solid	08/22/2016 1603	08/24/2016
008	BL-SD-01	Solid	08/22/2016 1141	08/24/2016
009	BL-SD-04	Solid	08/22/2016 1226	08/24/2016
010	BL-DS-18	Solid	08/22/2016 1648	08/24/2016
011	BL-DS-14	Solid	08/22/2016 1550	08/24/2016
012	BL-SD-01B	Solid	08/23/2016 0740	08/24/2016
013	BL-DS-01B	Solid	08/23/2016 0746	08/24/2016
014	BL-DS-04-D	Solid	08/22/2016 1235	08/24/2016
015	BL-DS-04	Solid	08/22/2016 1235	08/24/2016
016	BL-SD-06	Solid	08/22/2016 1140	08/24/2016
017	BL-SD-18	Solid	08/22/2016 1643	08/24/2016
018	BL-SD-19	Solid	08/22/2016 1520	08/24/2016
019	BL-DS-19	Solid	08/22/2016 1525	08/24/2016

(19 samples)

Executive Summary
synTerra
Lot Number: RH24015

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	BL-DS-06	Solid	Aroclor 1248	8082A	1900000		ug/kg	11
001	BL-DS-06	Solid	Aroclor 1254	8082A	880000		ug/kg	11
002	BL-DS-09	Solid	bis(2-Ethylhexyl)phthalate	8270D	1100		ug/kg	13
002	BL-DS-09	Solid	Aroclor 1248	8082A	1300000		ug/kg	14
002	BL-DS-09	Solid	Aroclor 1254	8082A	710000		ug/kg	14
002	BL-DS-09	Solid	gamma-BHC (Lindane)	8081B	3700	P	ug/kg	14
002	BL-DS-09	Solid	delta-BHC	8081B	3600	P	ug/kg	14
002	BL-DS-09	Solid	trans-Chlordane	8081B	21000		ug/kg	14
002	BL-DS-09	Solid	4,4'-DDE	8081B	16000		ug/kg	14
002	BL-DS-09	Solid	4,4'-DDT	8081B	16000		ug/kg	14
002	BL-DS-09	Solid	Dieldrin	8081B	37000		ug/kg	14
002	BL-DS-09	Solid	Endrin	8081B	4400		ug/kg	15
002	BL-DS-09	Solid	Endrin aldehyde	8081B	3000		ug/kg	15
002	BL-DS-09	Solid	Endrin ketone	8081B	3100		ug/kg	15
002	BL-DS-09	Solid	Heptachlor	8081B	5200	P	ug/kg	15
002	BL-DS-09	Solid	Heptachlor epoxide	8081B	4200	P	ug/kg	15
002	BL-DS-09	Solid	Aluminum	6010C	9200		mg/kg	15
002	BL-DS-09	Solid	Arsenic	6010C	2.2		mg/kg	15
002	BL-DS-09	Solid	Barium	6010C	36		mg/kg	15
002	BL-DS-09	Solid	Cadmium	6010C	0.25		mg/kg	15
002	BL-DS-09	Solid	Calcium	6010C	600		mg/kg	15
002	BL-DS-09	Solid	Chromium	6010C	31		mg/kg	15
002	BL-DS-09	Solid	Copper	6010C	20		mg/kg	15
002	BL-DS-09	Solid	Iron	6010C	7400		mg/kg	15
002	BL-DS-09	Solid	Lead	6010C	36		mg/kg	15
002	BL-DS-09	Solid	Magnesium	6010C	330		mg/kg	15
002	BL-DS-09	Solid	Manganese	6010C	23		mg/kg	15
002	BL-DS-09	Solid	Nickel	6010C	4.1		mg/kg	15
002	BL-DS-09	Solid	Potassium	6010C	250		mg/kg	15
002	BL-DS-09	Solid	Vanadium	6010C	26		mg/kg	16
002	BL-DS-09	Solid	Zinc	6010C	84		mg/kg	16
003	BL-SD-09	Solid	Aroclor 1248	8082A	340000		ug/kg	17
003	BL-SD-09	Solid	Aroclor 1254	8082A	260000		ug/kg	17
004	BL-SD-05	Solid	Aroclor 1248	8082A	150000		ug/kg	18
004	BL-SD-05	Solid	Aroclor 1254	8082A	150000		ug/kg	18
005	BL-DS-13	Solid	Aroclor 1248	8082A	81000		ug/kg	19
005	BL-DS-13	Solid	Aroclor 1254	8082A	56000		ug/kg	19
006	BL-SD-13	Solid	Aroclor 1248	8082A	110000		ug/kg	20
006	BL-SD-13	Solid	Aroclor 1254	8082A	73000		ug/kg	20
007	BL-SD-16	Solid	Aroclor 1248	8082A	89000		ug/kg	21
007	BL-SD-16	Solid	Aroclor 1254	8082A	70000		ug/kg	21
008	BL-SD-01	Solid	Aroclor 1248	8082A	550000		ug/kg	22
008	BL-SD-01	Solid	Aroclor 1254	8082A	360000		ug/kg	22
009	BL-SD-04	Solid	Benzo(a)anthracene	8270D	4000		ug/kg	23
009	BL-SD-04	Solid	Benzo(a)pyrene	8270D	8600		ug/kg	23

Executive Summary (Continued)

Lot Number: RH24015

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
009	BL-SD-04	Solid	Benzo(b)fluoranthene	8270D	19000		ug/kg	23
009	BL-SD-04	Solid	Benzo(g,h,i)perylene	8270D	5600		ug/kg	23
009	BL-SD-04	Solid	Benzo(k)fluoranthene	8270D	6600		ug/kg	23
009	BL-SD-04	Solid	Chrysene	8270D	9400		ug/kg	23
009	BL-SD-04	Solid	Fluoranthene	8270D	13000		ug/kg	24
009	BL-SD-04	Solid	Indeno(1,2,3-c,d)pyrene	8270D	5500		ug/kg	24
009	BL-SD-04	Solid	Phenanthrene	8270D	3800		ug/kg	24
009	BL-SD-04	Solid	Pyrene	8270D	11000		ug/kg	24
009	BL-SD-04	Solid	Aroclor 1248	8082A	260000		ug/kg	25
009	BL-SD-04	Solid	Aroclor 1254	8082A	240000		ug/kg	25
009	BL-SD-04	Solid	trans-Chlordane	8081B	6100		ug/kg	25
009	BL-SD-04	Solid	4,4'-DDE	8081B	5600		ug/kg	25
009	BL-SD-04	Solid	4,4'-DDT	8081B	6900		ug/kg	25
009	BL-SD-04	Solid	Dieldrin	8081B	11000		ug/kg	25
009	BL-SD-04	Solid	Endrin	8081B	1500	P	ug/kg	26
009	BL-SD-04	Solid	Endrin aldehyde	8081B	1300		ug/kg	26
009	BL-SD-04	Solid	Endrin ketone	8081B	1500		ug/kg	26
009	BL-SD-04	Solid	Heptachlor epoxide	8081B	930	P	ug/kg	26
009	BL-SD-04	Solid	Aluminum	6010C	8900		mg/kg	26
009	BL-SD-04	Solid	Arsenic	6010C	1.7		mg/kg	26
009	BL-SD-04	Solid	Barium	6010C	44		mg/kg	26
009	BL-SD-04	Solid	Cadmium	6010C	0.33		mg/kg	26
009	BL-SD-04	Solid	Calcium	6010C	1000		mg/kg	26
009	BL-SD-04	Solid	Chromium	6010C	18		mg/kg	26
009	BL-SD-04	Solid	Copper	6010C	28		mg/kg	26
009	BL-SD-04	Solid	Iron	6010C	10000		mg/kg	26
009	BL-SD-04	Solid	Lead	6010C	600		mg/kg	26
009	BL-SD-04	Solid	Magnesium	6010C	910		mg/kg	26
009	BL-SD-04	Solid	Manganese	6010C	51		mg/kg	26
009	BL-SD-04	Solid	Nickel	6010C	6.3		mg/kg	26
009	BL-SD-04	Solid	Potassium	6010C	720		mg/kg	26
009	BL-SD-04	Solid	Vanadium	6010C	32		mg/kg	27
009	BL-SD-04	Solid	Zinc	6010C	160		mg/kg	27
010	BL-DS-18	Solid	Aroclor 1248	8082A	110000		ug/kg	28
010	BL-DS-18	Solid	Aroclor 1254	8082A	82000		ug/kg	28
011	BL-DS-14	Solid	Aroclor 1248	8082A	85000		ug/kg	29
012	BL-SD-01B	Solid	Benzo(b)fluoranthene	8270D	1100		ug/kg	30
012	BL-SD-01B	Solid	Fluoranthene	8270D	810		ug/kg	31
012	BL-SD-01B	Solid	Aroclor 1248	8082A	160000		ug/kg	32
012	BL-SD-01B	Solid	trans-Chlordane	8081B	2400		ug/kg	32
012	BL-SD-01B	Solid	4,4'-DDE	8081B	2100		ug/kg	32
012	BL-SD-01B	Solid	4,4'-DDT	8081B	1700		ug/kg	32
012	BL-SD-01B	Solid	Dieldrin	8081B	4300		ug/kg	32
012	BL-SD-01B	Solid	Endosulfan I	8081B	500	P	ug/kg	32
012	BL-SD-01B	Solid	Endrin	8081B	460	P	ug/kg	33
012	BL-SD-01B	Solid	Endrin aldehyde	8081B	220	P	ug/kg	33
012	BL-SD-01B	Solid	Endrin ketone	8081B	310		ug/kg	33
012	BL-SD-01B	Solid	Heptachlor	8081B	250	P	ug/kg	33

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
012	BL-SD-01B	Solid	Heptachlor epoxide	8081B	340	P	ug/kg	33
012	BL-SD-01B	Solid	Aluminum	6010C	20000		mg/kg	33
012	BL-SD-01B	Solid	Arsenic	6010C	4.8		mg/kg	33
012	BL-SD-01B	Solid	Barium	6010C	58		mg/kg	33
012	BL-SD-01B	Solid	Cadmium	6010C	0.57		mg/kg	33
012	BL-SD-01B	Solid	Calcium	6010C	1500		mg/kg	33
012	BL-SD-01B	Solid	Chromium	6010C	21		mg/kg	33
012	BL-SD-01B	Solid	Cobalt	6010C	3.5		mg/kg	33
012	BL-SD-01B	Solid	Copper	6010C	72		mg/kg	33
012	BL-SD-01B	Solid	Iron	6010C	13000		mg/kg	33
012	BL-SD-01B	Solid	Lead	6010C	21		mg/kg	33
012	BL-SD-01B	Solid	Magnesium	6010C	610		mg/kg	33
012	BL-SD-01B	Solid	Manganese	6010C	47		mg/kg	33
012	BL-SD-01B	Solid	Mercury	7471B	0.14		mg/kg	33
012	BL-SD-01B	Solid	Nickel	6010C	12		mg/kg	33
012	BL-SD-01B	Solid	Potassium	6010C	400		mg/kg	33
012	BL-SD-01B	Solid	Vanadium	6010C	46		mg/kg	34
012	BL-SD-01B	Solid	Zinc	6010C	140		mg/kg	34
013	BL-DS-01B	Solid	bis(2-Ethylhexyl)phthalate	8270D	17000		ug/kg	36
013	BL-DS-01B	Solid	Aroclor 1248	8082A	230000		ug/kg	37
013	BL-DS-01B	Solid	gamma-BHC (Lindane)	8081B	580	P	ug/kg	37
013	BL-DS-01B	Solid	delta-BHC	8081B	360	P	ug/kg	37
013	BL-DS-01B	Solid	trans-Chlordane	8081B	3200		ug/kg	37
013	BL-DS-01B	Solid	4,4'-DDE	8081B	2400		ug/kg	37
013	BL-DS-01B	Solid	4,4'-DDT	8081B	2000		ug/kg	37
013	BL-DS-01B	Solid	Dieldrin	8081B	4600		ug/kg	37
013	BL-DS-01B	Solid	Endosulfan sulfate	8081B	180		ug/kg	38
013	BL-DS-01B	Solid	Endrin	8081B	580	P	ug/kg	38
013	BL-DS-01B	Solid	Endrin aldehyde	8081B	370		ug/kg	38
013	BL-DS-01B	Solid	Endrin ketone	8081B	310		ug/kg	38
013	BL-DS-01B	Solid	Heptachlor	8081B	490	P	ug/kg	38
013	BL-DS-01B	Solid	Heptachlor epoxide	8081B	520	P	ug/kg	38
013	BL-DS-01B	Solid	Aluminum	6010C	12000		mg/kg	38
013	BL-DS-01B	Solid	Arsenic	6010C	4.1		mg/kg	38
013	BL-DS-01B	Solid	Barium	6010C	27		mg/kg	38
013	BL-DS-01B	Solid	Cadmium	6010C	0.29		mg/kg	38
013	BL-DS-01B	Solid	Calcium	6010C	500		mg/kg	38
013	BL-DS-01B	Solid	Chromium	6010C	18		mg/kg	38
013	BL-DS-01B	Solid	Cobalt	6010C	1.6		mg/kg	38
013	BL-DS-01B	Solid	Copper	6010C	34		mg/kg	38
013	BL-DS-01B	Solid	Iron	6010C	12000		mg/kg	38
013	BL-DS-01B	Solid	Lead	6010C	14		mg/kg	38
013	BL-DS-01B	Solid	Magnesium	6010C	360		mg/kg	38
013	BL-DS-01B	Solid	Manganese	6010C	19		mg/kg	38
013	BL-DS-01B	Solid	Nickel	6010C	5.5		mg/kg	38
013	BL-DS-01B	Solid	Vanadium	6010C	36		mg/kg	39
013	BL-DS-01B	Solid	Zinc	6010C	63		mg/kg	39
014	BL-DS-04-D	Solid	Benzo(b)fluoranthene	8270D	3800		ug/kg	40

Executive Summary (Continued)

Lot Number: RH24015

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
014	BL-DS-04-D	Solid	bis(2-Ethylhexyl)phthalate	8270D	3300		ug/kg	41
014	BL-DS-04-D	Solid	Fluoranthene	8270D	2900		ug/kg	41
014	BL-DS-04-D	Solid	Aroclor 1248	8082A	560000		ug/kg	42
014	BL-DS-04-D	Solid	Aroclor 1254	8082A	450000		ug/kg	42
014	BL-DS-04-D	Solid	trans-Chlordane	8081B	15000		ug/kg	42
014	BL-DS-04-D	Solid	4,4'-DDE	8081B	13000		ug/kg	42
014	BL-DS-04-D	Solid	4,4'-DDT	8081B	16000		ug/kg	42
014	BL-DS-04-D	Solid	Dieldrin	8081B	28000		ug/kg	42
014	BL-DS-04-D	Solid	Endosulfan I	8081B	3300	P	ug/kg	42
014	BL-DS-04-D	Solid	Endrin	8081B	3700	P	ug/kg	43
014	BL-DS-04-D	Solid	Endrin aldehyde	8081B	2700		ug/kg	43
014	BL-DS-04-D	Solid	Endrin ketone	8081B	3200		ug/kg	43
014	BL-DS-04-D	Solid	Heptachlor	8081B	1600	P	ug/kg	43
014	BL-DS-04-D	Solid	Heptachlor epoxide	8081B	2200	P	ug/kg	43
014	BL-DS-04-D	Solid	Aluminum	6010C	7500		mg/kg	43
014	BL-DS-04-D	Solid	Arsenic	6010C	1.2		mg/kg	43
014	BL-DS-04-D	Solid	Barium	6010C	36		mg/kg	43
014	BL-DS-04-D	Solid	Cadmium	6010C	0.34		mg/kg	43
014	BL-DS-04-D	Solid	Calcium	6010C	770		mg/kg	43
014	BL-DS-04-D	Solid	Chromium	6010C	16		mg/kg	43
014	BL-DS-04-D	Solid	Cobalt	6010C	1.4		mg/kg	43
014	BL-DS-04-D	Solid	Copper	6010C	22		mg/kg	43
014	BL-DS-04-D	Solid	Iron	6010C	7000		mg/kg	43
014	BL-DS-04-D	Solid	Lead	6010C	87		mg/kg	43
014	BL-DS-04-D	Solid	Magnesium	6010C	970		mg/kg	43
014	BL-DS-04-D	Solid	Manganese	6010C	50		mg/kg	43
014	BL-DS-04-D	Solid	Nickel	6010C	6.0		mg/kg	43
014	BL-DS-04-D	Solid	Potassium	6010C	840		mg/kg	43
014	BL-DS-04-D	Solid	Vanadium	6010C	30		mg/kg	44
014	BL-DS-04-D	Solid	Zinc	6010C	120		mg/kg	44
015	BL-DS-04	Solid	Benzo(b)fluoranthene	8270D	3700		ug/kg	45
015	BL-DS-04	Solid	bis(2-Ethylhexyl)phthalate	8270D	3400		ug/kg	46
015	BL-DS-04	Solid	Fluoranthene	8270D	3400		ug/kg	46
015	BL-DS-04	Solid	Pyrene	8270D	2600		ug/kg	46
015	BL-DS-04	Solid	Aroclor 1248	8082A	780000		ug/kg	47
015	BL-DS-04	Solid	Aroclor 1254	8082A	730000		ug/kg	47
015	BL-DS-04	Solid	trans-Chlordane	8081B	15000		ug/kg	47
015	BL-DS-04	Solid	4,4'-DDE	8081B	14000		ug/kg	47
015	BL-DS-04	Solid	4,4'-DDT	8081B	15000		ug/kg	47
015	BL-DS-04	Solid	Dieldrin	8081B	28000		ug/kg	47
015	BL-DS-04	Solid	Endosulfan I	8081B	3300	P	ug/kg	47
015	BL-DS-04	Solid	Endrin	8081B	3700	P	ug/kg	48
015	BL-DS-04	Solid	Endrin aldehyde	8081B	2700		ug/kg	48
015	BL-DS-04	Solid	Endrin ketone	8081B	3000		ug/kg	48
015	BL-DS-04	Solid	Heptachlor	8081B	1500	P	ug/kg	48
015	BL-DS-04	Solid	Heptachlor epoxide	8081B	2200	P	ug/kg	48
015	BL-DS-04	Solid	Aluminum	6010C	11000		mg/kg	48
015	BL-DS-04	Solid	Arsenic	6010C	1.5		mg/kg	48

Executive Summary (Continued)

Lot Number: RH24015

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
015	BL-DS-04	Solid	Barium	6010C	49		mg/kg	48
015	BL-DS-04	Solid	Cadmium	6010C	0.45		mg/kg	48
015	BL-DS-04	Solid	Calcium	6010C	1000		mg/kg	48
015	BL-DS-04	Solid	Chromium	6010C	25		mg/kg	48
015	BL-DS-04	Solid	Cobalt	6010C	1.8		mg/kg	48
015	BL-DS-04	Solid	Copper	6010C	30		mg/kg	48
015	BL-DS-04	Solid	Iron	6010C	8800		mg/kg	48
015	BL-DS-04	Solid	Lead	6010C	61		mg/kg	48
015	BL-DS-04	Solid	Magnesium	6010C	1200		mg/kg	48
015	BL-DS-04	Solid	Manganese	6010C	60		mg/kg	48
015	BL-DS-04	Solid	Mercury	7471B	0.14		mg/kg	48
015	BL-DS-04	Solid	Nickel	6010C	9.4		mg/kg	48
015	BL-DS-04	Solid	Potassium	6010C	950		mg/kg	48
015	BL-DS-04	Solid	Vanadium	6010C	44		mg/kg	49
015	BL-DS-04	Solid	Zinc	6010C	170		mg/kg	49
016	BL-SD-06	Solid	Benzo(a)pyrene	8270D	610		ug/kg	50
016	BL-SD-06	Solid	Benzo(b)fluoranthene	8270D	1600		ug/kg	50
016	BL-SD-06	Solid	Benzo(k)fluoranthene	8270D	610		ug/kg	50
016	BL-SD-06	Solid	Chrysene	8270D	800		ug/kg	50
016	BL-SD-06	Solid	bis(2-Ethylhexyl)phthalate	8270D	2400		ug/kg	51
016	BL-SD-06	Solid	Fluoranthene	8270D	1400		ug/kg	51
016	BL-SD-06	Solid	Pyrene	8270D	920		ug/kg	51
016	BL-SD-06	Solid	Aroclor 1248	8082A	1000000		ug/kg	52
016	BL-SD-06	Solid	Aroclor 1254	8082A	660000		ug/kg	52
016	BL-SD-06	Solid	gamma-BHC (Lindane)	8081B	1200	P	ug/kg	52
016	BL-SD-06	Solid	delta-BHC	8081B	1500	P	ug/kg	52
016	BL-SD-06	Solid	trans-Chlordane	8081B	17000		ug/kg	52
016	BL-SD-06	Solid	4,4'-DDE	8081B	14000		ug/kg	52
016	BL-SD-06	Solid	4,4'-DDT	8081B	14000		ug/kg	52
016	BL-SD-06	Solid	Dieldrin	8081B	27000		ug/kg	52
016	BL-SD-06	Solid	Endosulfan sulfate	8081B	1300		ug/kg	53
016	BL-SD-06	Solid	Endrin	8081B	3500	P	ug/kg	53
016	BL-SD-06	Solid	Endrin aldehyde	8081B	2600		ug/kg	53
016	BL-SD-06	Solid	Endrin ketone	8081B	2400		ug/kg	53
016	BL-SD-06	Solid	Heptachlor	8081B	2400	P	ug/kg	53
016	BL-SD-06	Solid	Heptachlor epoxide	8081B	2500	P	ug/kg	53
016	BL-SD-06	Solid	Aluminum	6010C	14000		mg/kg	53
016	BL-SD-06	Solid	Arsenic	6010C	4.1		mg/kg	53
016	BL-SD-06	Solid	Barium	6010C	49		mg/kg	53
016	BL-SD-06	Solid	Cadmium	6010C	0.29		mg/kg	53
016	BL-SD-06	Solid	Calcium	6010C	1000		mg/kg	53
016	BL-SD-06	Solid	Chromium	6010C	56		mg/kg	53
016	BL-SD-06	Solid	Cobalt	6010C	1.8		mg/kg	53
016	BL-SD-06	Solid	Copper	6010C	33		mg/kg	53
016	BL-SD-06	Solid	Iron	6010C	13000		mg/kg	53
016	BL-SD-06	Solid	Lead	6010C	82		mg/kg	53
016	BL-SD-06	Solid	Magnesium	6010C	580		mg/kg	53
016	BL-SD-06	Solid	Manganese	6010C	42		mg/kg	53

Executive Summary (Continued)

Lot Number: RH24015

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
016	BL-SD-06	Solid	Nickel	6010C	7.1		mg/kg	53
016	BL-SD-06	Solid	Potassium	6010C	350		mg/kg	53
016	BL-SD-06	Solid	Vanadium	6010C	46		mg/kg	54
016	BL-SD-06	Solid	Zinc	6010C	140		mg/kg	54
017	BL-SD-18	Solid	Benzo(b)fluoranthene	8270D	1400		ug/kg	55
017	BL-SD-18	Solid	Chrysene	8270D	610		ug/kg	55
017	BL-SD-18	Solid	bis(2-Ethylhexyl)phthalate	8270D	660		ug/kg	56
017	BL-SD-18	Solid	Fluoranthene	8270D	850		ug/kg	56
017	BL-SD-18	Solid	Pyrene	8270D	700		ug/kg	56
017	BL-SD-18	Solid	Aroclor 1248	8082A	250000		ug/kg	57
017	BL-SD-18	Solid	delta-BHC	8081B	220	P	ug/kg	57
017	BL-SD-18	Solid	trans-Chlordane	8081B	4500		ug/kg	57
017	BL-SD-18	Solid	4,4'-DDE	8081B	3500		ug/kg	57
017	BL-SD-18	Solid	4,4'-DDT	8081B	3900		ug/kg	57
017	BL-SD-18	Solid	Dieldrin	8081B	7300		ug/kg	57
017	BL-SD-18	Solid	Endosulfan sulfate	8081B	310	P	ug/kg	58
017	BL-SD-18	Solid	Endrin	8081B	970	P	ug/kg	58
017	BL-SD-18	Solid	Endrin aldehyde	8081B	740		ug/kg	58
017	BL-SD-18	Solid	Endrin ketone	8081B	740		ug/kg	58
017	BL-SD-18	Solid	Heptachlor	8081B	380	P	ug/kg	58
017	BL-SD-18	Solid	Heptachlor epoxide	8081B	580	P	ug/kg	58
017	BL-SD-18	Solid	Aluminum	6010C	9700		mg/kg	58
017	BL-SD-18	Solid	Arsenic	6010C	1.4		mg/kg	58
017	BL-SD-18	Solid	Barium	6010C	46		mg/kg	58
017	BL-SD-18	Solid	Cadmium	6010C	0.61		mg/kg	58
017	BL-SD-18	Solid	Calcium	6010C	1000		mg/kg	58
017	BL-SD-18	Solid	Chromium	6010C	20		mg/kg	58
017	BL-SD-18	Solid	Copper	6010C	18		mg/kg	58
017	BL-SD-18	Solid	Iron	6010C	5500		mg/kg	58
017	BL-SD-18	Solid	Lead	6010C	33		mg/kg	58
017	BL-SD-18	Solid	Magnesium	6010C	410		mg/kg	58
017	BL-SD-18	Solid	Manganese	6010C	32		mg/kg	58
017	BL-SD-18	Solid	Nickel	6010C	5.1		mg/kg	58
017	BL-SD-18	Solid	Potassium	6010C	340		mg/kg	58
017	BL-SD-18	Solid	Vanadium	6010C	26		mg/kg	59
017	BL-SD-18	Solid	Zinc	6010C	110		mg/kg	59
018	BL-SD-19	Solid	Aroclor 1248	8082A	100		ug/kg	62
018	BL-SD-19	Solid	trans-Chlordane	8081B	1.7	P	ug/kg	62
018	BL-SD-19	Solid	4,4'-DDE	8081B	6.7		ug/kg	62
018	BL-SD-19	Solid	4,4'-DDT	8081B	2.2	P	ug/kg	62
018	BL-SD-19	Solid	Dieldrin	8081B	3.5		ug/kg	62
018	BL-SD-19	Solid	Aluminum	6010C	5000		mg/kg	63
018	BL-SD-19	Solid	Barium	6010C	25		mg/kg	63
018	BL-SD-19	Solid	Chromium	6010C	7.0		mg/kg	63
018	BL-SD-19	Solid	Copper	6010C	3.1		mg/kg	63
018	BL-SD-19	Solid	Iron	6010C	2600		mg/kg	63
018	BL-SD-19	Solid	Lead	6010C	11		mg/kg	63
018	BL-SD-19	Solid	Manganese	6010C	17		mg/kg	63

Executive Summary (Continued)

Lot Number: RH24015

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
018	BL-SD-19	Solid	Nickel	6010C	1.8		mg/kg	63
018	BL-SD-19	Solid	Vanadium	6010C	9.5		mg/kg	64
018	BL-SD-19	Solid	Zinc	6010C	13		mg/kg	64
019	BL-DS-19	Solid	Aroclor 1248	8082A	67		ug/kg	67
019	BL-DS-19	Solid	4,4'-DDT	8081B	1.2	P	ug/kg	67
019	BL-DS-19	Solid	Dieldrin	8081B	1.8	P	ug/kg	67
019	BL-DS-19	Solid	Aluminum	6010C	7000		mg/kg	68
019	BL-DS-19	Solid	Arsenic	6010C	1.1		mg/kg	68
019	BL-DS-19	Solid	Barium	6010C	51		mg/kg	68
019	BL-DS-19	Solid	Chromium	6010C	7.8		mg/kg	68
019	BL-DS-19	Solid	Cobalt	6010C	1.2		mg/kg	68
019	BL-DS-19	Solid	Copper	6010C	3.3		mg/kg	68
019	BL-DS-19	Solid	Iron	6010C	4400		mg/kg	68
019	BL-DS-19	Solid	Lead	6010C	7.4		mg/kg	68
019	BL-DS-19	Solid	Manganese	6010C	32		mg/kg	68
019	BL-DS-19	Solid	Nickel	6010C	2.1		mg/kg	68
019	BL-DS-19	Solid	Vanadium	6010C	13		mg/kg	69
019	BL-DS-19	Solid	Zinc	6010C	8.4		mg/kg	69

(303 detections)

Client: **synterra**
Description: **BL-DS-06**
Date Sampled: **08/22/2016 1150**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-001**
Matrix: **Solid**
% Solids: **64.7** **08/24/2016 2325**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	5000	08/31/2016 2218	MEM	08/29/2016 1840	20900

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		75000	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		75000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		75000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		75000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**1900000**		**75000**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**880000**		**75000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		75000	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	774	41-132
Tetrachloro-m-xylene	N	198	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: BL-DS-09
Date Sampled: 08/22/2016 1453
Date Received: 08/24/2016

Laboratory ID: RH24015-002
Matrix: Solid
% Solids: 64.4 08/24/2016 2325

Inorganic non-metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	9012B	(Cyanide - To) 9012B	1	08/30/2016 1802	MJI	08/30/2016 1145	20971

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Cyanide - Total	57-12-5	9012B	ND		0.78	mg/kg

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	08/30/2016 1845	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Acenaphthene	83-32-9	8270D	ND		510	ug/kg
Acenaphthylene	208-96-8	8270D	ND		510	ug/kg
Acetophenone	98-86-2	8270D	ND		510	ug/kg
Anthracene	120-12-7	8270D	ND		510	ug/kg
Atrazine	1912-24-9	8270D	ND		510	ug/kg
Benzaldehyde	100-52-7	8270D	ND		1300	ug/kg
Benzo(a)anthracene	56-55-3	8270D	ND		510	ug/kg
Benzo(a)pyrene	50-32-8	8270D	ND		510	ug/kg
Benzo(b)fluoranthene	205-99-2	8270D	ND		510	ug/kg
Benzo(g,h,i)perylene	191-24-2	8270D	ND		510	ug/kg
Benzo(k)fluoranthene	207-08-9	8270D	ND		510	ug/kg
1,1'-Biphenyl	92-52-4	8270D	ND		510	ug/kg
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		510	ug/kg
Butyl benzyl phthalate	85-68-7	8270D	ND		510	ug/kg
Caprolactam	105-60-2	8270D	ND		1300	ug/kg
Carbazole	86-74-8	8270D	ND		510	ug/kg
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		510	ug/kg
4-Chloroaniline	106-47-8	8270D	ND		510	ug/kg
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		510	ug/kg
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		510	ug/kg
bis (2-Chloro-1-methylethyl) ether	108-60-1	8270D	ND		510	ug/kg
2-Chloronaphthalene	91-58-7	8270D	ND		510	ug/kg
2-Chlorophenol	95-57-8	8270D	ND		510	ug/kg
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		510	ug/kg
Chrysene	218-01-9	8270D	ND		510	ug/kg
Di-n-butyl phthalate	84-74-2	8270D	ND		510	ug/kg
Di-n-octylphthalate	117-84-0	8270D	ND		510	ug/kg
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		510	ug/kg
Dibenzofuran	132-64-9	8270D	ND		510	ug/kg
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		1300	ug/kg
2,4-Dichlorophenol	120-83-2	8270D	ND		510	ug/kg
Diethylphthalate	84-66-2	8270D	ND		510	ug/kg

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-DS-09**
Date Sampled: **08/22/2016 1453**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-002**
Matrix: **Solid**
% Solids: **64.4** **08/24/2016 2325**

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	08/30/2016 1845	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Dimethyl phthalate	131-11-3	8270D	ND		510	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		510	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		1300	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		1300	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		510	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		510	ug/kg	1
bis(2-Ethylhexyl)phthalate	**117-81-7**	**8270D**	**1100**		**510**	**ug/kg**	**1**
Fluoranthene	206-44-0	8270D	ND		510	ug/kg	1
Fluorene	86-73-7	8270D	ND		510	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		510	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		510	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		1300	ug/kg	1
Hexachloroethane	67-72-1	8270D	ND		510	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		510	ug/kg	1
Isophorone	78-59-1	8270D	ND		510	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		510	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		510	ug/kg	1
3+4-Methylphenol	106-44-5	8270D	ND		1000	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		510	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		510	ug/kg	1
Naphthalene	91-20-3	8270D	ND		510	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		510	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		510	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		510	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		510	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		510	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		1300	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		1300	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		510	ug/kg	1
Phenol	108-95-2	8270D	ND		510	ug/kg	1
Pyrene	129-00-0	8270D	ND		510	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		510	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		510	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: BL-DS-09
Date Sampled: 08/22/2016 1453
Date Received: 08/24/2016

Laboratory ID: RH24015-002
Matrix: Solid
% Solids: 64.4 08/24/2016 2325

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		77	30-117
2-Fluorobiphenyl		72	33-102
2-Fluorophenol		67	28-104
Nitrobenzene-d5		76	22-109
Phenol-d5		74	27-103
Terphenyl-d14		81	41-120

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	5000	08/31/2016 2231	MEM	08/29/2016 1840	20900

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aroclor 1016	12674-11-2	8082A	ND		76000	ug/kg
Aroclor 1221	11104-28-2	8082A	ND		76000	ug/kg
Aroclor 1232	11141-16-5	8082A	ND		76000	ug/kg
Aroclor 1242	53469-21-9	8082A	ND		76000	ug/kg
Aroclor 1248	**12672-29-6**	**8082A**	**1300000**		**76000**	**ug/kg**
Aroclor 1254	**11097-69-1**	**8082A**	**710000**		**76000**	**ug/kg**
Aroclor 1260	11096-82-5	8082A	ND		76000	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	824	41-132
Tetrachloro-m-xylene	N	217	35-106

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	1000	08/31/2016 1808	PMS	08/29/2016 1840	20904

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aldrin	309-00-2	8081B	ND		1500	ug/kg
gamma-BHC (Lindane)	**58-89-9**	**8081B**	**3700**	**P**	**1500**	**ug/kg**
alpha-BHC	319-84-6	8081B	ND		1500	ug/kg
beta-BHC	319-85-7	8081B	ND		1500	ug/kg
delta-BHC	**319-86-8**	**8081B**	**3600**	**P**	**1500**	**ug/kg**
Chlordane	57-74-9	8081B	ND		3000	ug/kg
cis-Chlordane	5103-71-9	8081B	ND		1500	ug/kg
trans-Chlordane	**5103-74-2**	**8081B**	**21000**		**1500**	**ug/kg**
4,4'-DDD	72-54-8	8081B	ND		1500	ug/kg
4,4'-DDE	**72-55-9**	**8081B**	**16000**		**1500**	**ug/kg**
4,4'-DDT	**50-29-3**	**8081B**	**16000**		**1500**	**ug/kg**
Dieldrin	**60-57-1**	**8081B**	**37000**		**1500**	**ug/kg**
Endosulfan I	959-98-8	8081B	ND		1500	ug/kg

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: SynTerra
Description: BL-DS-09
Date Sampled: 08/22/2016 1453
Date Received: 08/24/2016

Laboratory ID: RH24015-002
Matrix: Solid
% Solids: 64.4 08/24/2016 2325

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	1000	08/31/2016 1808	PMS	08/29/2016 1840	20904

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Endosulfan II	33213-65-9	8081B	ND		1500	ug/kg	1
Endosulfan sulfate	1031-07-8	8081B	ND		1500	ug/kg	1
Endrin	**72-20-8**	**8081B**	**4400**		**1500**	**ug/kg**	**1**
Endrin aldehyde	**7421-93-4**	**8081B**	**3000**		**1500**	**ug/kg**	**1**
Endrin ketone	**53494-70-5**	**8081B**	**3100**		**1500**	**ug/kg**	**1**
Heptachlor	**76-44-8**	**8081B**	**5200**	**P**	**1500**	**ug/kg**	**1**
Heptachlor epoxide	**1024-57-3**	**8081B**	**4200**	**P**	**1500**	**ug/kg**	**1**
Methoxychlor	72-43-5	8081B	ND		6100	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		15000	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	0.00	57-110
Tetrachloro-m-xylene	N	0.00	37-91

TAL Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7471B	7471B	1	08/29/2016 1519	CLM	08/29/2016 1149	20777
1	3050B	6010C	1	08/26/2016 1546	CJZ	08/25/2016 1047	20636

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aluminum	**7429-90-5**	**6010C**	**9200**		**17**	**mg/kg**	**1**
Antimony	7440-36-0	6010C	ND		0.86	mg/kg	1
Arsenic	**7440-38-2**	**6010C**	**2.2**		**0.64**	**mg/kg**	**1**
Barium	**7440-39-3**	**6010C**	**36**		**1.1**	**mg/kg**	**1**
Beryllium	7440-41-7	6010C	ND		0.21	mg/kg	1
Cadmium	**7440-43-9**	**6010C**	**0.25**		**0.21**	**mg/kg**	**1**
Calcium	**7440-70-2**	**6010C**	**600**		**210**	**mg/kg**	**1**
Chromium	**7440-47-3**	**6010C**	**31**		**0.43**	**mg/kg**	**1**
Cobalt	7440-48-4	6010C	ND		1.1	mg/kg	1
Copper	**7440-50-8**	**6010C**	**20**		**0.43**	**mg/kg**	**1**
Iron	**7439-89-6**	**6010C**	**7400**		**4.3**	**mg/kg**	**1**
Lead	**7439-92-1**	**6010C**	**36**		**0.43**	**mg/kg**	**1**
Magnesium	**7439-95-4**	**6010C**	**330**		**210**	**mg/kg**	**1**
Manganese	**7439-96-5**	**6010C**	**23**		**0.64**	**mg/kg**	**1**
Mercury	7439-97-6	7471B	ND		0.12	mg/kg	1
Nickel	**7440-02-0**	**6010C**	**4.1**		**1.7**	**mg/kg**	**1**
Potassium	**7440-09-7**	**6010C**	**250**		**210**	**mg/kg**	**1**
Selenium	7782-49-2	6010C	ND		0.86	mg/kg	1
Silver	7440-22-4	6010C	ND		0.43	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: BL-DS-09
Date Sampled: 08/22/2016 1453
Date Received: 08/24/2016

Laboratory ID: RH24015-002
Matrix: Solid
% Solids: 64.4 08/24/2016 2325

TAL Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7471B	7471B	1	08/29/2016 1519	CLM	08/29/2016 1149	20777
1	3050B	6010C	1	08/26/2016 1546	CJZ	08/25/2016 1047	20636

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Sodium	7440-23-5	6010C	ND		210	mg/kg
Thallium	7440-28-0	6010C	ND		2.1	mg/kg
Vanadium	**7440-62-2**	**6010C**	**26**		**2.1**	**mg/kg**
Zinc	**7440-66-6**	**6010C**	**84**		**2.1**	**mg/kg**

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Shealy Environmental Services, Inc.
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Client: SynTerra
Description: BL-SD-09
Date Sampled: 08/22/2016 1448
Date Received: 08/24/2016

Laboratory ID: RH24015-003
Matrix: Solid
% Solids: 61.0 08/24/2016 2325

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	2000	08/31/2016 2138	MEM	08/29/2016 1840	20900

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		31000	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		31000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		31000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		31000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**340000**		**31000**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**260000**		**31000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		31000	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	389	41-132
Tetrachloro-m-xylene		103	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: **BL-SD-05**
Date Sampled: **08/22/2016 1200**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-004**
Matrix: **Solid**
% Solids: **76.0** **08/24/2016 2325**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1000	08/31/2016 2125	MEM	08/29/2016 1840	20900

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aroclor 1016	12674-11-2	8082A	ND		13000	ug/kg
Aroclor 1221	11104-28-2	8082A	ND		13000	ug/kg
Aroclor 1232	11141-16-5	8082A	ND		13000	ug/kg
Aroclor 1242	53469-21-9	8082A	ND		13000	ug/kg
Aroclor 1248	**12672-29-6**	**8082A**	**150000**		**13000**	**ug/kg**
Aroclor 1254	**11097-69-1**	**8082A**	**150000**		**13000**	**ug/kg**
Aroclor 1260	11096-82-5	8082A	ND		13000	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	380	41-132
Tetrachloro-m-xylene	N	127	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-DS-13**
Date Sampled: **08/22/2016 1537**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-005**
Matrix: **Solid**
% Solids: **66.4** **08/24/2016 2325**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	500	09/01/2016 0110	MEM	08/30/2016 2147	21021

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		7300	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		7300	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		7300	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		7300	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**81000**		**7300**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**56000**		**7300**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		7300	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		129	41-132
Tetrachloro-m-xylene	N	126	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synterra
Description: BL-SD-13
Date Sampled: 08/22/2016 1532
Date Received: 08/24/2016

Laboratory ID: RH24015-006
Matrix: Solid
% Solids: 58.4 08/24/2016 2325

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	500	08/31/2016 2032	MEM	08/29/2016 1840	20900

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aroclor 1016	12674-11-2	8082A	ND		8200	ug/kg
Aroclor 1221	11104-28-2	8082A	ND		8200	ug/kg
Aroclor 1232	11141-16-5	8082A	ND		8200	ug/kg
Aroclor 1242	53469-21-9	8082A	ND		8200	ug/kg
Aroclor 1248	**12672-29-6**	**8082A**	**110000**		**8200**	**ug/kg**
Aroclor 1254	**11097-69-1**	**8082A**	**73000**		**8200**	**ug/kg**
Aroclor 1260	11096-82-5	8082A	ND		8200	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	239	41-132
Tetrachloro-m-xylene	N	195	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SD-16**
Date Sampled: **08/22/2016 1603**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-007**
Matrix: **Solid**
% Solids: **74.1** **08/29/2016 2201**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	500	09/01/2016 0124	MEM	08/30/2016 2147	21021

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		6700	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		6700	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		6700	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		6700	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**89000**		**6700**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**70000**		**6700**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		6700	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		112	41-132
Tetrachloro-m-xylene		79	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: BL-SD-01
Date Sampled: 08/22/2016 1141
Date Received: 08/24/2016

Laboratory ID: RH24015-008
Matrix: Solid
% Solids: 48.0 08/24/2016 2325

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	2000	09/01/2016 0137	MEM	08/30/2016 2147	21021

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aroclor 1016	12674-11-2	8082A	ND		40000	ug/kg
Aroclor 1221	11104-28-2	8082A	ND		40000	ug/kg
Aroclor 1232	11141-16-5	8082A	ND		40000	ug/kg
Aroclor 1242	53469-21-9	8082A	ND		40000	ug/kg
Aroclor 1248	**12672-29-6**	**8082A**	**550000**		**40000**	**ug/kg**
Aroclor 1254	**11097-69-1**	**8082A**	**360000**		**40000**	**ug/kg**
Aroclor 1260	11096-82-5	8082A	ND		40000	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	204	41-132
Tetrachloro-m-xylene		91	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: SynTerra
Description: BL-SD-04
Date Sampled: 08/22/2016 1226
Date Received: 08/24/2016

Laboratory ID: RH24015-009
Matrix: Solid
% Solids: 53.9 08/24/2016 2325

Inorganic non-metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	9012B	(Cyanide - To) 9012B	1	08/30/2016 1803	MJI	08/30/2016 1145	20971

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Cyanide - Total	57-12-5	9012B	ND		0.93	mg/kg	1

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	5	08/30/2016 1910	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		3000	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		3000	ug/kg	1
Acetophenone	98-86-2	8270D	ND		3000	ug/kg	1
Anthracene	120-12-7	8270D	ND		3000	ug/kg	1
Atrazine	1912-24-9	8270D	ND		3000	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		7600	ug/kg	1
Benzo(a)anthracene	**56-55-3**	**8270D**	**4000**		**3000**	**ug/kg**	**1**
Benzo(a)pyrene	**50-32-8**	**8270D**	**8600**		**3000**	**ug/kg**	**1**
Benzo(b)fluoranthene	**205-99-2**	**8270D**	**19000**		**3000**	**ug/kg**	**1**
Benzo(g,h,i)perylene	**191-24-2**	**8270D**	**5600**		**3000**	**ug/kg**	**1**
Benzo(k)fluoranthene	**207-08-9**	**8270D**	**6600**		**3000**	**ug/kg**	**1**
1,1'-Biphenyl	92-52-4	8270D	ND		3000	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		3000	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		3000	ug/kg	1
Caprolactam	105-60-2	8270D	ND		7600	ug/kg	1
Carbazole	86-74-8	8270D	ND		3000	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		3000	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		3000	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		3000	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		3000	ug/kg	1
bis (2-Chloro-1-methylethyl) ether	108-60-1	8270D	ND		3000	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		3000	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		3000	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		3000	ug/kg	1
Chrysene	**218-01-9**	**8270D**	**9400**		**3000**	**ug/kg**	**1**
Di-n-butyl phthalate	84-74-2	8270D	ND		3000	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		3000	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		3000	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		3000	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		7600	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		3000	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		3000	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: SynTerra
Description: BL-SD-04
Date Sampled: 08/22/2016 1226
Date Received: 08/24/2016

Laboratory ID: RH24015-009
Matrix: Solid
% Solids: 53.9 08/24/2016 2325

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	5	08/30/2016 1910	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Dimethyl phthalate	131-11-3	8270D	ND		3000	ug/kg
2,4-Dimethylphenol	105-67-9	8270D	ND		3000	ug/kg
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		7600	ug/kg
2,4-Dinitrophenol	51-28-5	8270D	ND		7600	ug/kg
2,4-Dinitrotoluene	121-14-2	8270D	ND		3000	ug/kg
2,6-Dinitrotoluene	606-20-2	8270D	ND		3000	ug/kg
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		3000	ug/kg
Fluoranthene	**206-44-0**	**8270D**	**13000**		**3000**	**ug/kg**
Fluorene	86-73-7	8270D	ND		3000	ug/kg
Hexachlorobenzene	118-74-1	8270D	ND		3000	ug/kg
Hexachlorobutadiene	87-68-3	8270D	ND		3000	ug/kg
Hexachlorocyclopentadiene	77-47-4	8270D	ND		7600	ug/kg
Hexachloroethane	67-72-1	8270D	ND		3000	ug/kg
Indeno(1,2,3-c,d)pyrene	**193-39-5**	**8270D**	**5500**		**3000**	**ug/kg**
Isophorone	78-59-1	8270D	ND		3000	ug/kg
2-Methylnaphthalene	91-57-6	8270D	ND		3000	ug/kg
2-Methylphenol	95-48-7	8270D	ND		3000	ug/kg
3+4-Methylphenol	106-44-5	8270D	ND		6100	ug/kg
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		3000	ug/kg
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		3000	ug/kg
Naphthalene	91-20-3	8270D	ND		3000	ug/kg
2-Nitroaniline	88-74-4	8270D	ND		3000	ug/kg
3-Nitroaniline	99-09-2	8270D	ND		3000	ug/kg
4-Nitroaniline	100-01-6	8270D	ND		3000	ug/kg
Nitrobenzene	98-95-3	8270D	ND		3000	ug/kg
2-Nitrophenol	88-75-5	8270D	ND		3000	ug/kg
4-Nitrophenol	100-02-7	8270D	ND		7600	ug/kg
Pentachlorophenol	87-86-5	8270D	ND		7600	ug/kg
Phenanthrene	**85-01-8**	**8270D**	**3800**		**3000**	**ug/kg**
Phenol	108-95-2	8270D	ND		3000	ug/kg
Pyrene	**129-00-0**	**8270D**	**11000**		**3000**	**ug/kg**
2,4,5-Trichlorophenol	95-95-4	8270D	ND		3000	ug/kg
2,4,6-Trichlorophenol	88-06-2	8270D	ND		3000	ug/kg

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: BL-SD-04
Date Sampled: 08/22/2016 1226
Date Received: 08/24/2016

Laboratory ID: RH24015-009
Matrix: Solid
% Solids: 53.9 08/24/2016 2325

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		72	30-117
2-Fluorobiphenyl		68	33-102
2-Fluorophenol		65	28-104
Nitrobenzene-d5		75	22-109
Phenol-d5		71	27-103
Terphenyl-d14		75	41-120

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1000	08/31/2016 2045	MEM	08/29/2016 1840	20900

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		18000	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		18000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		18000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		18000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**260000**		**18000**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**240000**		**18000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		18000	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	413	41-132
Tetrachloro-m-xylene		76	35-106

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	500	09/01/2016 1040	PMS	08/29/2016 1840	20904

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		900	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		900	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		900	ug/kg	1
beta-BHC	319-85-7	8081B	ND		900	ug/kg	1
delta-BHC	319-86-8	8081B	ND		900	ug/kg	1
Chlordane	57-74-9	8081B	ND		1800	ug/kg	1
cis-Chlordane	5103-71-9	8081B	ND		900	ug/kg	1
trans-Chlordane	**5103-74-2**	**8081B**	**6100**		**900**	**ug/kg**	**1**
4,4'-DDD	72-54-8	8081B	ND		900	ug/kg	1
4,4'-DDE	**72-55-9**	**8081B**	**5600**		**900**	**ug/kg**	**1**
4,4'-DDT	**50-29-3**	**8081B**	**6900**		**900**	**ug/kg**	**1**
Dieldrin	**60-57-1**	**8081B**	**11000**		**900**	**ug/kg**	**1**
Endosulfan I	959-98-8	8081B	ND		900	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: BL-SD-04
Date Sampled: 08/22/2016 1226
Date Received: 08/24/2016

Laboratory ID: RH24015-009
Matrix: Solid
% Solids: 53.9 08/24/2016 2325

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	500	09/01/2016 1040	PMS	08/29/2016 1840	20904

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Endosulfan II	33213-65-9	8081B	ND		900	ug/kg
Endosulfan sulfate	1031-07-8	8081B	ND		900	ug/kg
Endrin	**72-20-8**	**8081B**	**1500**	**P**	**900**	**ug/kg**
Endrin aldehyde	**7421-93-4**	**8081B**	**1300**		**900**	**ug/kg**
Endrin ketone	**53494-70-5**	**8081B**	**1500**		**900**	**ug/kg**
Heptachlor	76-44-8	8081B	ND		900	ug/kg
Heptachlor epoxide	**1024-57-3**	**8081B**	**930**	**P**	**900**	**ug/kg**
Methoxychlor	72-43-5	8081B	ND		3600	ug/kg
Toxaphene	8001-35-2	8081B	ND		9000	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	0.00	57-110
Tetrachloro-m-xylene	N	107	37-91

TAL Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7471B	7471B	1	08/29/2016 1521	CLM	08/29/2016 1149	20777
1	3050B	6010C	1	08/26/2016 1551	CJZ	08/25/2016 1047	20636

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aluminum	**7429-90-5**	**6010C**	**8900**		**26**	**mg/kg**
Antimony	7440-36-0	6010C	ND		1.3	mg/kg
Arsenic	**7440-38-2**	**6010C**	**1.7**		**0.96**	**mg/kg**
Barium	**7440-39-3**	**6010C**	**44**		**1.7**	**mg/kg**
Beryllium	7440-41-7	6010C	ND		0.32	mg/kg
Cadmium	**7440-43-9**	**6010C**	**0.33**		**0.32**	**mg/kg**
Calcium	**7440-70-2**	**6010C**	**1000**		**320**	**mg/kg**
Chromium	**7440-47-3**	**6010C**	**18**		**0.64**	**mg/kg**
Cobalt	7440-48-4	6010C	ND		1.7	mg/kg
Copper	**7440-50-8**	**6010C**	**28**		**0.64**	**mg/kg**
Iron	**7439-89-6**	**6010C**	**10000**		**6.4**	**mg/kg**
Lead	**7439-92-1**	**6010C**	**600**		**0.64**	**mg/kg**
Magnesium	**7439-95-4**	**6010C**	**910**		**320**	**mg/kg**
Manganese	**7439-96-5**	**6010C**	**51**		**0.96**	**mg/kg**
Mercury	7439-97-6	7471B	ND		0.14	mg/kg
Nickel	**7440-02-0**	**6010C**	**6.3**		**2.6**	**mg/kg**
Potassium	**7440-09-7**	**6010C**	**720**		**320**	**mg/kg**
Selenium	7782-49-2	6010C	ND		1.3	mg/kg
Silver	7440-22-4	6010C	ND		0.64	mg/kg

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SD-04**
Date Sampled: **08/22/2016 1226**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-009**
Matrix: **Solid**
% Solids: **53.9** **08/24/2016 2325**

TAL Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7471B	7471B	1	08/29/2016 1521	CLM	08/29/2016 1149	20777
1	3050B	6010C	1	08/26/2016 1551	CJZ	08/25/2016 1047	20636

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Sodium	7440-23-5	6010C	ND		320	mg/kg	1
Thallium	7440-28-0	6010C	ND		3.2	mg/kg	1
Vanadium	**7440-62-2**	**6010C**	**32**		**3.2**	**mg/kg**	**1**
Zinc	**7440-66-6**	**6010C**	**160**		**3.2**	**mg/kg**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-DS-18**
Date Sampled: **08/22/2016 1648**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-010**
Matrix: **Solid**
% Solids: **70.9** **08/24/2016 2325**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1000	09/01/2016 0150	MEM	08/30/2016 2147	21021

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aroclor 1016	12674-11-2	8082A	ND		14000	ug/kg
Aroclor 1221	11104-28-2	8082A	ND		14000	ug/kg
Aroclor 1232	11141-16-5	8082A	ND		14000	ug/kg
Aroclor 1242	53469-21-9	8082A	ND		14000	ug/kg
Aroclor 1248	**12672-29-6**	**8082A**	**110000**		**14000**	**ug/kg**
Aroclor 1254	**11097-69-1**	**8082A**	**82000**		**14000**	**ug/kg**
Aroclor 1260	11096-82-5	8082A	ND		14000	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	136	41-132
Tetrachloro-m-xylene		44	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: BL-DS-14
Date Sampled: 08/22/2016 1550
Date Received: 08/24/2016

Laboratory ID: RH24015-011
Matrix: Solid
% Solids: 69.8 08/24/2016 2325

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	500	09/01/2016 0203	MEM	08/30/2016 2147	21021

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		7100	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		7100	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		7100	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		7100	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**85000**		**7100**	**ug/kg**	**1**
Aroclor 1254	11097-69-1	8082A	ND		7100	ug/kg	1
Aroclor 1260	11096-82-5	8082A	ND		7100	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		130	41-132
Tetrachloro-m-xylene		106	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: BL-SD-01B
Date Sampled: 08/23/2016 0740
Date Received: 08/24/2016

Laboratory ID: RH24015-012
Matrix: Solid
% Solids: 53.5 08/24/2016 2325

Inorganic non-metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	9012B	(Cyanide - To) 9012B	1	08/30/2016 1804	MJI	08/30/2016 1145	20971

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Cyanide - Total	57-12-5	9012B	ND		0.94	mg/kg

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	09/02/2016 1430	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Acenaphthene	83-32-9	8270D	ND		610	ug/kg
Acenaphthylene	208-96-8	8270D	ND		610	ug/kg
Acetophenone	98-86-2	8270D	ND		610	ug/kg
Anthracene	120-12-7	8270D	ND		610	ug/kg
Atrazine	1912-24-9	8270D	ND		610	ug/kg
Benzaldehyde	100-52-7	8270D	ND		1500	ug/kg
Benzo(a)anthracene	56-55-3	8270D	ND		610	ug/kg
Benzo(a)pyrene	50-32-8	8270D	ND		610	ug/kg
Benzo(b)fluoranthene	**205-99-2**	**8270D**	**1100**		**610**	**ug/kg**
Benzo(g,h,i)perylene	191-24-2	8270D	ND		610	ug/kg
Benzo(k)fluoranthene	207-08-9	8270D	ND		610	ug/kg
1,1'-Biphenyl	92-52-4	8270D	ND		610	ug/kg
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		610	ug/kg
Butyl benzyl phthalate	85-68-7	8270D	ND		610	ug/kg
Caprolactam	105-60-2	8270D	ND		1500	ug/kg
Carbazole	86-74-8	8270D	ND		610	ug/kg
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		610	ug/kg
4-Chloroaniline	106-47-8	8270D	ND		610	ug/kg
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		610	ug/kg
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		610	ug/kg
bis (2-Chloro-1-methylethyl) ether	108-60-1	8270D	ND		610	ug/kg
2-Chloronaphthalene	91-58-7	8270D	ND		610	ug/kg
2-Chlorophenol	95-57-8	8270D	ND		610	ug/kg
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		610	ug/kg
Chrysene	218-01-9	8270D	ND		610	ug/kg
Di-n-butyl phthalate	84-74-2	8270D	ND		610	ug/kg
Di-n-octylphthalate	117-84-0	8270D	ND		610	ug/kg
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		610	ug/kg
Dibenzofuran	132-64-9	8270D	ND		610	ug/kg
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		1500	ug/kg
2,4-Dichlorophenol	120-83-2	8270D	ND		610	ug/kg
Diethylphthalate	84-66-2	8270D	ND		610	ug/kg

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: BL-SD-01B
Date Sampled: 08/23/2016 0740
Date Received: 08/24/2016

Laboratory ID: RH24015-012
Matrix: Solid
% Solids: 53.5 08/24/2016 2325

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	09/02/2016 1430	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Dimethyl phthalate	131-11-3	8270D	ND		610	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		610	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		1500	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		1500	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		610	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		610	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		610	ug/kg	1
Fluoranthene	**206-44-0**	**8270D**	**810**		**610**	**ug/kg**	**1**
Fluorene	86-73-7	8270D	ND		610	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		610	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		610	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		1500	ug/kg	1
Hexachloroethane	67-72-1	8270D	ND		610	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		610	ug/kg	1
Isophorone	78-59-1	8270D	ND		610	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		610	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		610	ug/kg	1
3+4-Methylphenol	106-44-5	8270D	ND		1200	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		610	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		610	ug/kg	1
Naphthalene	91-20-3	8270D	ND		610	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		610	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		610	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		610	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		610	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		610	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		1500	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		1500	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		610	ug/kg	1
Phenol	108-95-2	8270D	ND		610	ug/kg	1
Pyrene	129-00-0	8270D	ND		610	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		610	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		610	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		79	30-117
2-Fluorobiphenyl		69	33-102
2-Fluorophenol		67	28-104
Nitrobenzene-d5		69	22-109
Phenol-d5		71	27-103
Terphenyl-d14		73	41-120

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	500	08/31/2016 2019	MEM	08/29/2016 1840	20900

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aroclor 1016	12674-11-2	8082A	ND		9200	ug/kg
Aroclor 1221	11104-28-2	8082A	ND		9200	ug/kg
Aroclor 1232	11141-16-5	8082A	ND		9200	ug/kg
Aroclor 1242	53469-21-9	8082A	ND		9200	ug/kg
Aroclor 1248	**12672-29-6**	**8082A**	**160000**		**9200**	**ug/kg**
Aroclor 1254	11097-69-1	8082A	ND		9200	ug/kg
Aroclor 1260	11096-82-5	8082A	ND		9200	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		124	41-132
Tetrachloro-m-xylene		104	35-106

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	100	09/01/2016 1055	PMS	08/29/2016 1840	20904

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aldrin	309-00-2	8081B	ND		180	ug/kg
gamma-BHC (Lindane)	58-89-9	8081B	ND		180	ug/kg
alpha-BHC	319-84-6	8081B	ND		180	ug/kg
beta-BHC	319-85-7	8081B	ND		180	ug/kg
delta-BHC	319-86-8	8081B	ND		180	ug/kg
Chlordane	57-74-9	8081B	ND		370	ug/kg
cis-Chlordane	5103-71-9	8081B	ND		180	ug/kg
trans-Chlordane	**5103-74-2**	**8081B**	**2400**		**180**	**ug/kg**
4,4'-DDD	72-54-8	8081B	ND		180	ug/kg
4,4'-DDE	**72-55-9**	**8081B**	**2100**		**180**	**ug/kg**
4,4'-DDT	**50-29-3**	**8081B**	**1700**		**180**	**ug/kg**
Dieldrin	**60-57-1**	**8081B**	**4300**		**180**	**ug/kg**
Endosulfan I	**959-98-8**	**8081B**	**500**	**P**	**180**	**ug/kg**

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: SynTerra
Description: BL-SD-01B
Date Sampled: 08/23/2016 0740
Date Received: 08/24/2016

Laboratory ID: RH24015-012
Matrix: Solid
% Solids: 53.5 08/24/2016 2325

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	100	09/01/2016 1055	PMS	08/29/2016 1840	20904

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Endosulfan II	33213-65-9	8081B	ND		180	ug/kg	1
Endosulfan sulfate	1031-07-8	8081B	ND		180	ug/kg	1
Endrin	**72-20-8**	**8081B**	**460**	**P**	**180**	**ug/kg**	**1**
Endrin aldehyde	**7421-93-4**	**8081B**	**220**	**P**	**180**	**ug/kg**	**1**
Endrin ketone	**53494-70-5**	**8081B**	**310**		**180**	**ug/kg**	**1**
Heptachlor	**76-44-8**	**8081B**	**250**	**P**	**180**	**ug/kg**	**1**
Heptachlor epoxide	**1024-57-3**	**8081B**	**340**	**P**	**180**	**ug/kg**	**1**
Methoxychlor	72-43-5	8081B	ND		730	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		1800	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	134	57-110
Tetrachloro-m-xylene		78	37-91

TAL Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7471B	7471B	1	08/29/2016 1524	CLM	08/29/2016 1149	20777
1	3050B	6010C	1	08/26/2016 1602	CJZ	08/25/2016 1047	20636

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aluminum	**7429-90-5**	**6010C**	**20000**		**30**	**mg/kg**	**1**
Antimony	7440-36-0	6010C	ND		1.5	mg/kg	1
Arsenic	**7440-38-2**	**6010C**	**4.8**		**1.1**	**mg/kg**	**1**
Barium	**7440-39-3**	**6010C**	**58**		**2.0**	**mg/kg**	**1**
Beryllium	7440-41-7	6010C	ND		0.38	mg/kg	1
Cadmium	**7440-43-9**	**6010C**	**0.57**		**0.38**	**mg/kg**	**1**
Calcium	**7440-70-2**	**6010C**	**1500**		**380**	**mg/kg**	**1**
Chromium	**7440-47-3**	**6010C**	**21**		**0.75**	**mg/kg**	**1**
Cobalt	**7440-48-4**	**6010C**	**3.5**		**2.0**	**mg/kg**	**1**
Copper	**7440-50-8**	**6010C**	**72**		**0.75**	**mg/kg**	**1**
Iron	**7439-89-6**	**6010C**	**13000**		**7.5**	**mg/kg**	**1**
Lead	**7439-92-1**	**6010C**	**21**		**0.75**	**mg/kg**	**1**
Magnesium	**7439-95-4**	**6010C**	**610**		**380**	**mg/kg**	**1**
Manganese	**7439-96-5**	**6010C**	**47**		**1.1**	**mg/kg**	**1**
Mercury	**7439-97-6**	**7471B**	**0.14**		**0.14**	**mg/kg**	**1**
Nickel	**7440-02-0**	**6010C**	**12**		**3.0**	**mg/kg**	**1**
Potassium	**7440-09-7**	**6010C**	**400**		**380**	**mg/kg**	**1**
Selenium	7782-49-2	6010C	ND		1.5	mg/kg	1
Silver	7440-22-4	6010C	ND		0.75	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synterra
Description: BL-SD-01B
Date Sampled: 08/23/2016 0740
Date Received: 08/24/2016

Laboratory ID: RH24015-012
Matrix: Solid
% Solids: 53.5 08/24/2016 2325

TAL Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7471B	7471B	1	08/29/2016 1524	CLM	08/29/2016 1149	20777
1	3050B	6010C	1	08/26/2016 1602	CJZ	08/25/2016 1047	20636

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Sodium	7440-23-5	6010C	ND		380	mg/kg
Thallium	7440-28-0	6010C	ND		3.8	mg/kg
Vanadium	**7440-62-2**	**6010C**	**46**		**3.8**	**mg/kg**
Zinc	**7440-66-6**	**6010C**	**140**		**3.8**	**mg/kg**

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-DS-01B**
Date Sampled: **08/23/2016 0746**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-013**
Matrix: **Solid**
% Solids: **80.8** **08/24/2016 2325**

Inorganic non-metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	9012B	(Cyanide - To) 9012B	1	08/30/2016 1805	MJI	08/30/2016 1145	20971

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Cyanide - Total	57-12-5	9012B	ND		0.62	mg/kg	1

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	5	08/30/2016 1959	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		2000	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		2000	ug/kg	1
Acetophenone	98-86-2	8270D	ND		2000	ug/kg	1
Anthracene	120-12-7	8270D	ND		2000	ug/kg	1
Atrazine	1912-24-9	8270D	ND		2000	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		5100	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		2000	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		2000	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		2000	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		2000	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		2000	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		2000	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		2000	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		2000	ug/kg	1
Caprolactam	105-60-2	8270D	ND		5100	ug/kg	1
Carbazole	86-74-8	8270D	ND		2000	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		2000	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		2000	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		2000	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		2000	ug/kg	1
bis (2-Chloro-1-methylethyl) ether	108-60-1	8270D	ND		2000	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		2000	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		2000	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		2000	ug/kg	1
Chrysene	218-01-9	8270D	ND		2000	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		2000	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		2000	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		2000	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		2000	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		5100	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		2000	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		2000	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: BL-DS-01B
Date Sampled: 08/23/2016 0746
Date Received: 08/24/2016

Laboratory ID: KH24015-013
Matrix: Solid
% Solids: 80.8 08/24/2016 2325

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	5	08/30/2016 1959	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Dimethyl phthalate	131-11-3	8270D	ND		2000	ug/kg
2,4-Dimethylphenol	105-67-9	8270D	ND		2000	ug/kg
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		5100	ug/kg
2,4-Dinitrophenol	51-28-5	8270D	ND		5100	ug/kg
2,4-Dinitrotoluene	121-14-2	8270D	ND		2000	ug/kg
2,6-Dinitrotoluene	606-20-2	8270D	ND		2000	ug/kg
bis(2-Ethylhexyl)phthalate	**117-81-7**	**8270D**	**17000**		**2000**	**ug/kg**
Fluoranthene	206-44-0	8270D	ND		2000	ug/kg
Fluorene	86-73-7	8270D	ND		2000	ug/kg
Hexachlorobenzene	118-74-1	8270D	ND		2000	ug/kg
Hexachlorobutadiene	87-68-3	8270D	ND		2000	ug/kg
Hexachlorocyclopentadiene	77-47-4	8270D	ND		5100	ug/kg
Hexachloroethane	67-72-1	8270D	ND		2000	ug/kg
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		2000	ug/kg
Isophorone	78-59-1	8270D	ND		2000	ug/kg
2-Methylnaphthalene	91-57-6	8270D	ND		2000	ug/kg
2-Methylphenol	95-48-7	8270D	ND		2000	ug/kg
3+4-Methylphenol	106-44-5	8270D	ND		4100	ug/kg
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		2000	ug/kg
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		2000	ug/kg
Naphthalene	91-20-3	8270D	ND		2000	ug/kg
2-Nitroaniline	88-74-4	8270D	ND		2000	ug/kg
3-Nitroaniline	99-09-2	8270D	ND		2000	ug/kg
4-Nitroaniline	100-01-6	8270D	ND		2000	ug/kg
Nitrobenzene	98-95-3	8270D	ND		2000	ug/kg
2-Nitrophenol	88-75-5	8270D	ND		2000	ug/kg
4-Nitrophenol	100-02-7	8270D	ND		5100	ug/kg
Pentachlorophenol	87-86-5	8270D	ND		5100	ug/kg
Phenanthrene	85-01-8	8270D	ND		2000	ug/kg
Phenol	108-95-2	8270D	ND		2000	ug/kg
Pyrene	129-00-0	8270D	ND		2000	ug/kg
2,4,5-Trichlorophenol	95-95-4	8270D	ND		2000	ug/kg
2,4,6-Trichlorophenol	88-06-2	8270D	ND		2000	ug/kg

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Shealy Environmental Services, Inc.
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Client: SynTerra
Description: BL-DS-01B
Date Sampled: 08/23/2016 0746
Date Received: 08/24/2016

Laboratory ID: RH24015-013
Matrix: Solid
% Solids: 80.8 08/24/2016 2325

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		71	30-117
2-Fluorobiphenyl		78	33-102
2-Fluorophenol		67	28-104
Nitrobenzene-d5		79	22-109
Phenol-d5		76	27-103
Terphenyl-d14		81	41-120

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1000	08/31/2016 2058	MEM	08/29/2016 1840	20900

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		12000	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		12000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		12000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		12000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**230000**		**12000**	**ug/kg**	**1**
Aroclor 1254	11097-69-1	8082A	ND		12000	ug/kg	1
Aroclor 1260	11096-82-5	8082A	ND		12000	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	268	41-132
Tetrachloro-m-xylene		57	35-106

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	100	08/31/2016 1610	PMS	08/29/2016 1840	20904

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		120	ug/kg	1
gamma-BHC (Lindane)	**58-89-9**	**8081B**	**580**	**P**	**120**	**ug/kg**	**1**
alpha-BHC	319-84-6	8081B	ND		120	ug/kg	1
beta-BHC	319-85-7	8081B	ND		120	ug/kg	1
delta-BHC	**319-86-8**	**8081B**	**360**	**P**	**120**	**ug/kg**	**1**
Chlordane	57-74-9	8081B	ND		240	ug/kg	1
cis-Chlordane	5103-71-9	8081B	ND		120	ug/kg	1
trans-Chlordane	**5103-74-2**	**8081B**	**3200**		**120**	**ug/kg**	**1**
4,4'-DDD	72-54-8	8081B	ND		120	ug/kg	1
4,4'-DDE	**72-55-9**	**8081B**	**2400**		**120**	**ug/kg**	**1**
4,4'-DDT	**50-29-3**	**8081B**	**2000**		**120**	**ug/kg**	**1**
Dieldrin	**60-57-1**	**8081B**	**4600**		**120**	**ug/kg**	**1**
Endosulfan I	959-98-8	8081B	ND		120	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: **BL-DS-01B**
Date Sampled: **08/23/2016 0746**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-013**
Matrix: **Solid**
% Solids: **80.8** **08/24/2016 2325**

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	100	08/31/2016 1610	PMS	08/29/2016 1840	20904

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Endosulfan II	33213-65-9	8081B	ND		120	ug/kg
Endosulfan sulfate	**1031-07-8**	**8081B**	**180**		**120**	**ug/kg**
Endrin	**72-20-8**	**8081B**	**580**	**P**	**120**	**ug/kg**
Endrin aldehyde	**7421-93-4**	**8081B**	**370**		**120**	**ug/kg**
Endrin ketone	**53494-70-5**	**8081B**	**310**		**120**	**ug/kg**
Heptachlor	**76-44-8**	**8081B**	**490**	**P**	**120**	**ug/kg**
Heptachlor epoxide	**1024-57-3**	**8081B**	**520**	**P**	**120**	**ug/kg**
Methoxychlor	72-43-5	8081B	ND		480	ug/kg
Toxaphene	8001-35-2	8081B	ND		1200	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	197	57-110
Tetrachloro-m-xylene		90	37-91

TAL Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7471B	7471B	1	08/29/2016 1526	CLM	08/29/2016 1149	20777
1	3050B	6010C	1	08/26/2016 1606	CJZ	08/25/2016 1047	20636

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aluminum	**7429-90-5**	**6010C**	**12000**		**14**	**mg/kg**
Antimony	7440-36-0	6010C	ND		0.72	mg/kg
Arsenic	**7440-38-2**	**6010C**	**4.1**		**0.54**	**mg/kg**
Barium	**7440-39-3**	**6010C**	**27**		**0.94**	**mg/kg**
Beryllium	7440-41-7	6010C	ND		0.18	mg/kg
Cadmium	**7440-43-9**	**6010C**	**0.29**		**0.18**	**mg/kg**
Calcium	**7440-70-2**	**6010C**	**500**		**180**	**mg/kg**
Chromium	**7440-47-3**	**6010C**	**18**		**0.36**	**mg/kg**
Cobalt	**7440-48-4**	**6010C**	**1.6**		**0.94**	**mg/kg**
Copper	**7440-50-8**	**6010C**	**34**		**0.36**	**mg/kg**
Iron	**7439-89-6**	**6010C**	**12000**		**3.6**	**mg/kg**
Lead	**7439-92-1**	**6010C**	**14**		**0.36**	**mg/kg**
Magnesium	**7439-95-4**	**6010C**	**360**		**180**	**mg/kg**
Manganese	**7439-96-5**	**6010C**	**19**		**0.54**	**mg/kg**
Mercury	7439-97-6	7471B	ND		0.089	mg/kg
Nickel	**7440-02-0**	**6010C**	**5.5**		**1.4**	**mg/kg**
Potassium	7440-09-7	6010C	ND		180	mg/kg
Selenium	7782-49-2	6010C	ND		0.72	mg/kg
Silver	7440-22-4	6010C	ND		0.36	mg/kg

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synterra**
Description: **BL-DS-01B**
Date Sampled: **08/23/2016 0746**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-013**
Matrix: **Solid**
% Solids: **80.8** **08/24/2016 2325**

TAL Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7471B	7471B	1	08/29/2016 1526	CLM	08/29/2016 1149	20777
1	3050B	6010C	1	08/26/2016 1606	CJZ	08/25/2016 1047	20636

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Sodium	7440-23-5	6010C	ND		180	mg/kg	1
Thallium	7440-28-0	6010C	ND		1.8	mg/kg	1
Vanadium	**7440-62-2**	**6010C**	**36**		**1.8**	**mg/kg**	**1**
Zinc	**7440-66-6**	**6010C**	**63**		**1.8**	**mg/kg**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: BL-DS-04-D
Date Sampled: 08/22/2016 1235
Date Received: 08/24/2016

Laboratory ID: RH24015-014
Matrix: Solid
% Solids: 62.1 08/24/2016 2325

Inorganic non-metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	9012B	(Cyanide - To) 9012B	1	08/30/2016 1809	MJI	08/30/2016 1145	20971

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Cyanide - Total	57-12-5	9012B	ND		0.81	mg/kg

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	5	08/30/2016 2023	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Acenaphthene	83-32-9	8270D	ND		2600	ug/kg
Acenaphthylene	208-96-8	8270D	ND		2600	ug/kg
Acetophenone	98-86-2	8270D	ND		2600	ug/kg
Anthracene	120-12-7	8270D	ND		2600	ug/kg
Atrazine	1912-24-9	8270D	ND		2600	ug/kg
Benzaldehyde	100-52-7	8270D	ND		6600	ug/kg
Benzo(a)anthracene	56-55-3	8270D	ND		2600	ug/kg
Benzo(a)pyrene	50-32-8	8270D	ND		2600	ug/kg
Benzo(b)fluoranthene	**205-99-2**	**8270D**	**3800**		**2600**	**ug/kg**
Benzo(g,h,i)perylene	191-24-2	8270D	ND		2600	ug/kg
Benzo(k)fluoranthene	207-08-9	8270D	ND		2600	ug/kg
1,1'-Biphenyl	92-52-4	8270D	ND		2600	ug/kg
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		2600	ug/kg
Butyl benzyl phthalate	85-68-7	8270D	ND		2600	ug/kg
Caprolactam	105-60-2	8270D	ND		6600	ug/kg
Carbazole	86-74-8	8270D	ND		2600	ug/kg
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		2600	ug/kg
4-Chloroaniline	106-47-8	8270D	ND		2600	ug/kg
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		2600	ug/kg
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		2600	ug/kg
bis (2-Chloro-1-methylethyl) ether	108-60-1	8270D	ND		2600	ug/kg
2-Chloronaphthalene	91-58-7	8270D	ND		2600	ug/kg
2-Chlorophenol	95-57-8	8270D	ND		2600	ug/kg
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		2600	ug/kg
Chrysene	218-01-9	8270D	ND		2600	ug/kg
Di-n-butyl phthalate	84-74-2	8270D	ND		2600	ug/kg
Di-n-octylphthalate	117-84-0	8270D	ND		2600	ug/kg
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		2600	ug/kg
Dibenzofuran	132-64-9	8270D	ND		2600	ug/kg
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		6600	ug/kg
2,4-Dichlorophenol	120-83-2	8270D	ND		2600	ug/kg
Diethylphthalate	84-66-2	8270D	ND		2600	ug/kg

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-DS-04-D**
Date Sampled: **08/22/2016 1235**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-014**
Matrix: **Solid**
% Solids: **62.1** **08/24/2016 2325**

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	5	08/30/2016 2023	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Dimethyl phthalate	131-11-3	8270D	ND		2600	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		2600	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		6600	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		6600	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		2600	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		2600	ug/kg	1
bis(2-Ethylhexyl)phthalate	**117-81-7**	**8270D**	**3300**		**2600**	**ug/kg**	**1**
Fluoranthene	**206-44-0**	**8270D**	**2900**		**2600**	**ug/kg**	**1**
Fluorene	86-73-7	8270D	ND		2600	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		2600	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		2600	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		6600	ug/kg	1
Hexachloroethane	67-72-1	8270D	ND		2600	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		2600	ug/kg	1
Isophorone	78-59-1	8270D	ND		2600	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		2600	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		2600	ug/kg	1
3+4-Methylphenol	106-44-5	8270D	ND		5300	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		2600	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		2600	ug/kg	1
Naphthalene	91-20-3	8270D	ND		2600	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		2600	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		2600	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		2600	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		2600	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		2600	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		6600	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		6600	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		2600	ug/kg	1
Phenol	108-95-2	8270D	ND		2600	ug/kg	1
Pyrene	129-00-0	8270D	ND		2600	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		2600	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		2600	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		73	30-117
2-Fluorobiphenyl		69	33-102
2-Fluorophenol		63	28-104
Nitrobenzene-d5		77	22-109
Phenol-d5		73	27-103
Terphenyl-d14		76	41-120

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	2000	08/31/2016 2152	MEM	08/29/2016 1840	20900

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aroclor 1016	12674-11-2	8082A	ND		32000	ug/kg
Aroclor 1221	11104-28-2	8082A	ND		32000	ug/kg
Aroclor 1232	11141-16-5	8082A	ND		32000	ug/kg
Aroclor 1242	53469-21-9	8082A	ND		32000	ug/kg
Aroclor 1248	**12672-29-6**	**8082A**	**560000**		**32000**	**ug/kg**
Aroclor 1254	**11097-69-1**	**8082A**	**450000**		**32000**	**ug/kg**
Aroclor 1260	11096-82-5	8082A	ND		32000	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	613	41-132
Tetrachloro-m-xylene		102	35-106

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	1000	09/01/2016 1109	PMS	08/29/2016 1840	20904

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aldrin	309-00-2	8081B	ND		1600	ug/kg
gamma-BHC (Lindane)	58-89-9	8081B	ND		1600	ug/kg
alpha-BHC	319-84-6	8081B	ND		1600	ug/kg
beta-BHC	319-85-7	8081B	ND		1600	ug/kg
delta-BHC	319-86-8	8081B	ND		1600	ug/kg
Chlordane	57-74-9	8081B	ND		3200	ug/kg
cis-Chlordane	5103-71-9	8081B	ND		1600	ug/kg
trans-Chlordane	**5103-74-2**	**8081B**	**15000**		**1600**	**ug/kg**
4,4'-DDD	72-54-8	8081B	ND		1600	ug/kg
4,4'-DDE	**72-55-9**	**8081B**	**13000**		**1600**	**ug/kg**
4,4'-DDT	**50-29-3**	**8081B**	**16000**		**1600**	**ug/kg**
Dieldrin	**60-57-1**	**8081B**	**28000**		**1600**	**ug/kg**
Endosulfan I	**959-98-8**	**8081B**	**3300**	**P**	**1600**	**ug/kg**

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: SynTerra
Description: BL-DS-04-D
Date Sampled: 08/22/2016 1235
Date Received: 08/24/2016

Laboratory ID: RH24015-014
Matrix: Solid
% Solids: 62.1 08/24/2016 2325

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	1000	09/01/2016 1109	PMS	08/29/2016 1840	20904

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Endosulfan II	33213-65-9	8081B	ND		1600	ug/kg	1
Endosulfan sulfate	1031-07-8	8081B	ND		1600	ug/kg	1
Endrin	**72-20-8**	**8081B**	**3700**	**P**	**1600**	**ug/kg**	**1**
Endrin aldehyde	**7421-93-4**	**8081B**	**2700**		**1600**	**ug/kg**	**1**
Endrin ketone	**53494-70-5**	**8081B**	**3200**		**1600**	**ug/kg**	**1**
Heptachlor	**76-44-8**	**8081B**	**1600**	**P**	**1600**	**ug/kg**	**1**
Heptachlor epoxide	**1024-57-3**	**8081B**	**2200**	**P**	**1600**	**ug/kg**	**1**
Methoxychlor	72-43-5	8081B	ND		6400	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		16000	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	0.00	57-110
Tetrachloro-m-xylene	N	0.00	37-91

TAL Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7471B	7471B	1	08/29/2016 1528	CLM	08/29/2016 1149	20777
1	3050B	6010C	1	08/26/2016 1611	CJZ	08/25/2016 1047	20636

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aluminum	**7429-90-5**	**6010C**	**7500**		**21**	**mg/kg**	**1**
Antimony	7440-36-0	6010C	ND		1.1	mg/kg	1
Arsenic	**7440-38-2**	**6010C**	**1.2**		**0.79**	**mg/kg**	**1**
Barium	**7440-39-3**	**6010C**	**36**		**1.4**	**mg/kg**	**1**
Beryllium	7440-41-7	6010C	ND		0.26	mg/kg	1
Cadmium	**7440-43-9**	**6010C**	**0.34**		**0.26**	**mg/kg**	**1**
Calcium	**7440-70-2**	**6010C**	**770**		**260**	**mg/kg**	**1**
Chromium	**7440-47-3**	**6010C**	**16**		**0.53**	**mg/kg**	**1**
Cobalt	**7440-48-4**	**6010C**	**1.4**		**1.4**	**mg/kg**	**1**
Copper	**7440-50-8**	**6010C**	**22**		**0.53**	**mg/kg**	**1**
Iron	**7439-89-6**	**6010C**	**7000**		**5.3**	**mg/kg**	**1**
Lead	**7439-92-1**	**6010C**	**87**		**0.53**	**mg/kg**	**1**
Magnesium	**7439-95-4**	**6010C**	**970**		**260**	**mg/kg**	**1**
Manganese	**7439-96-5**	**6010C**	**50**		**0.79**	**mg/kg**	**1**
Mercury	7439-97-6	7471B	ND		0.13	mg/kg	1
Nickel	**7440-02-0**	**6010C**	**6.0**		**2.1**	**mg/kg**	**1**
Potassium	**7440-09-7**	**6010C**	**840**		**260**	**mg/kg**	**1**
Selenium	7782-49-2	6010C	ND		1.1	mg/kg	1
Silver	7440-22-4	6010C	ND		0.53	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-DS-04-D**
Date Sampled: **08/22/2016 1235**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-014**
Matrix: **Solid**
% Solids: **62.1** **08/24/2016 2325**

TAL Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7471B	7471B	1	08/29/2016 1528	CLM	08/29/2016 1149	20777
1	3050B	6010C	1	08/26/2016 1611	CJZ	08/25/2016 1047	20636

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Sodium	7440-23-5	6010C	ND		260	mg/kg
Thallium	7440-28-0	6010C	ND		2.6	mg/kg
Vanadium	**7440-62-2**	**6010C**	**30**		**2.6**	**mg/kg**
Zinc	**7440-66-6**	**6010C**	**120**		**2.6**	**mg/kg**

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with "W"

Client: synTerra
Description: BL-DS-04
Date Sampled: 08/22/2016 1235
Date Received: 08/24/2016

Laboratory ID: RH24015-015
Matrix: Solid
% Solids: 62.3 08/24/2016 2325

Inorganic non-metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	9012B	(Cyanide - To) 9012B	1	08/30/2016 1810	MJI	08/30/2016 1145	20971

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Cyanide - Total	57-12-5	9012B	ND		0.80	mg/kg	1

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	5	09/02/2016 1454	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		2600	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		2600	ug/kg	1
Acetophenone	98-86-2	8270D	ND		2600	ug/kg	1
Anthracene	120-12-7	8270D	ND		2600	ug/kg	1
Atrazine	1912-24-9	8270D	ND		2600	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		6600	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		2600	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		2600	ug/kg	1
Benzo(b)fluoranthene	**205-99-2**	**8270D**	**3700**		**2600**	**ug/kg**	**1**
Benzo(g,h,i)perylene	191-24-2	8270D	ND		2600	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		2600	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		2600	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		2600	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		2600	ug/kg	1
Caprolactam	105-60-2	8270D	ND		6600	ug/kg	1
Carbazole	86-74-8	8270D	ND		2600	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		2600	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		2600	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		2600	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		2600	ug/kg	1
bis (2-Chloro-1-methylethyl) ether	108-60-1	8270D	ND		2600	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		2600	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		2600	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		2600	ug/kg	1
Chrysene	218-01-9	8270D	ND		2600	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		2600	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		2600	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		2600	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		2600	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		6600	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		2600	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		2600	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synterra**
Description: **BL-DS-04**
Date Sampled: **08/22/2016 1235**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-015**
Matrix: **Solid**
% Solids: **62.3** **08/24/2016 2325**

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	5	09/02/2016 1454	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Dimethyl phthalate	131-11-3	8270D	ND		2600	ug/kg
2,4-Dimethylphenol	105-67-9	8270D	ND		2600	ug/kg
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		6600	ug/kg
2,4-Dinitrophenol	51-28-5	8270D	ND		6600	ug/kg
2,4-Dinitrotoluene	121-14-2	8270D	ND		2600	ug/kg
2,6-Dinitrotoluene	606-20-2	8270D	ND		2600	ug/kg
bis(2-Ethylhexyl)phthalate	**117-81-7**	**8270D**	**3400**		**2600**	**ug/kg**
Fluoranthene	**206-44-0**	**8270D**	**3400**		**2600**	**ug/kg**
Fluorene	86-73-7	8270D	ND		2600	ug/kg
Hexachlorobenzene	118-74-1	8270D	ND		2600	ug/kg
Hexachlorobutadiene	87-68-3	8270D	ND		2600	ug/kg
Hexachlorocyclopentadiene	77-47-4	8270D	ND		6600	ug/kg
Hexachloroethane	67-72-1	8270D	ND		2600	ug/kg
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		2600	ug/kg
Isophorone	78-59-1	8270D	ND		2600	ug/kg
2-Methylnaphthalene	91-57-6	8270D	ND		2600	ug/kg
2-Methylphenol	95-48-7	8270D	ND		2600	ug/kg
3+4-Methylphenol	106-44-5	8270D	ND		5300	ug/kg
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		2600	ug/kg
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		2600	ug/kg
Naphthalene	91-20-3	8270D	ND		2600	ug/kg
2-Nitroaniline	88-74-4	8270D	ND		2600	ug/kg
3-Nitroaniline	99-09-2	8270D	ND		2600	ug/kg
4-Nitroaniline	100-01-6	8270D	ND		2600	ug/kg
Nitrobenzene	98-95-3	8270D	ND		2600	ug/kg
2-Nitrophenol	88-75-5	8270D	ND		2600	ug/kg
4-Nitrophenol	100-02-7	8270D	ND		6600	ug/kg
Pentachlorophenol	87-86-5	8270D	ND		6600	ug/kg
Phenanthrene	85-01-8	8270D	ND		2600	ug/kg
Phenol	108-95-2	8270D	ND		2600	ug/kg
Pyrene	**129-00-0**	**8270D**	**2600**		**2600**	**ug/kg**
2,4,5-Trichlorophenol	95-95-4	8270D	ND		2600	ug/kg
2,4,6-Trichlorophenol	88-06-2	8270D	ND		2600	ug/kg

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: BL-DS-04
Date Sampled: 08/22/2016 1235
Date Received: 08/24/2016

Laboratory ID: RH24015-015
Matrix: Solid
% Solids: 62.3 08/24/2016 2325

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		70	30-117
2-Fluorobiphenyl		69	33-102
2-Fluorophenol		69	28-104
Nitrobenzene-d5		64	22-109
Phenol-d5		68	27-103
Terphenyl-d14		73	41-120

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	2000	08/31/2016 2205	MEM	08/29/2016 1840	20900

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		30000	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		30000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		30000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		30000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**780000**		**30000**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**730000**		**30000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		30000	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	977	41-132
Tetrachloro-m-xylene	N	128	35-106

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	1000	09/01/2016 1124	PMS	08/29/2016 1840	20904

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		1500	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		1500	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		1500	ug/kg	1
beta-BHC	319-85-7	8081B	ND		1500	ug/kg	1
delta-BHC	319-86-8	8081B	ND		1500	ug/kg	1
Chlordane	57-74-9	8081B	ND		3000	ug/kg	1
cis-Chlordane	5103-71-9	8081B	ND		1500	ug/kg	1
trans-Chlordane	**5103-74-2**	**8081B**	**15000**		**1500**	**ug/kg**	**1**
4,4'-DDD	72-54-8	8081B	ND		1500	ug/kg	1
4,4'-DDE	**72-55-9**	**8081B**	**14000**		**1500**	**ug/kg**	**1**
4,4'-DDT	**50-29-3**	**8081B**	**15000**		**1500**	**ug/kg**	**1**
Dieldrin	**60-57-1**	**8081B**	**28000**		**1500**	**ug/kg**	**1**
Endosulfan I	**959-98-8**	**8081B**	**3300**	**P**	**1500**	**ug/kg**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-DS-04**
Date Sampled: **08/22/2016 1235**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-015**
Matrix: **Solid**
% Solids: **62.3** **08/24/2016 2325**

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	1000	09/01/2016 1124	PMS	08/29/2016 1840	20904

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Endosulfan II	33213-65-9	8081B	ND		1500	ug/kg
Endosulfan sulfate	1031-07-8	8081B	ND		1500	ug/kg
Endrin	**72-20-8**	**8081B**	**3700**	**P**	**1500**	**ug/kg**
Endrin aldehyde	**7421-93-4**	**8081B**	**2700**		**1500**	**ug/kg**
Endrin ketone	**53494-70-5**	**8081B**	**3000**		**1500**	**ug/kg**
Heptachlor	**76-44-8**	**8081B**	**1500**	**P**	**1500**	**ug/kg**
Heptachlor epoxide	**1024-57-3**	**8081B**	**2200**	**P**	**1500**	**ug/kg**
Methoxychlor	72-43-5	8081B	ND		6000	ug/kg
Toxaphene	8001-35-2	8081B	ND		15000	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	0.00	57-110
Tetrachloro-m-xylene	N	0.00	37-91

TAL Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7471B	7471B	1	08/29/2016 1531	CLM	08/29/2016 1149	20777
1	3050B	6010C	1	08/26/2016 1615	CJZ	08/25/2016 1047	20636

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aluminum	**7429-90-5**	**6010C**	**11000**		**24**	**mg/kg**
Antimony	7440-36-0	6010C	ND		1.2	mg/kg
Arsenic	**7440-38-2**	**6010C**	**1.5**		**0.88**	**mg/kg**
Barium	**7440-39-3**	**6010C**	**49**		**1.5**	**mg/kg**
Beryllium	7440-41-7	6010C	ND		0.29	mg/kg
Cadmium	**7440-43-9**	**6010C**	**0.45**		**0.29**	**mg/kg**
Calcium	**7440-70-2**	**6010C**	**1000**		**290**	**mg/kg**
Chromium	**7440-47-3**	**6010C**	**25**		**0.59**	**mg/kg**
Cobalt	**7440-48-4**	**6010C**	**1.8**		**1.5**	**mg/kg**
Copper	**7440-50-8**	**6010C**	**30**		**0.59**	**mg/kg**
Iron	**7439-89-6**	**6010C**	**8800**		**5.9**	**mg/kg**
Lead	**7439-92-1**	**6010C**	**61**		**0.59**	**mg/kg**
Magnesium	**7439-95-4**	**6010C**	**1200**		**290**	**mg/kg**
Manganese	**7439-96-5**	**6010C**	**60**		**0.88**	**mg/kg**
Mercury	**7439-97-6**	**7471B**	**0.14**		**0.13**	**mg/kg**
Nickel	**7440-02-0**	**6010C**	**9.4**		**2.4**	**mg/kg**
Potassium	**7440-09-7**	**6010C**	**950**		**290**	**mg/kg**
Selenium	7782-49-2	6010C	ND		1.2	mg/kg
Silver	7440-22-4	6010C	ND		0.59	mg/kg

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-DS-04**
Date Sampled: **08/22/2016 1235**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-015**
Matrix: **Solid**
% Solids: **62.3** **08/24/2016 2325**

TAL Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7471B	7471B	1	08/29/2016 1531	CLM	08/29/2016 1149	20777
1	3050B	6010C	1	08/26/2016 1615	CJZ	08/25/2016 1047	20636

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Sodium	7440-23-5	6010C	ND		290	mg/kg	1
Thallium	7440-28-0	6010C	ND		2.9	mg/kg	1
Vanadium	**7440-62-2**	**6010C**	**44**		**2.9**	**mg/kg**	**1**
Zinc	**7440-66-6**	**6010C**	**170**		**2.9**	**mg/kg**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: SynTerra
Description: BL-SD-06
Date Sampled: 08/22/2016 1140
Date Received: 08/24/2016

Laboratory ID: RH24015-016
Matrix: Solid
% Solids: 61.6 08/24/2016 2325

Inorganic non-metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	9012B	(Cyanide - To) 9012B	1	08/30/2016 1811	MJI	08/30/2016 1145	20971

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Cyanide - Total	57-12-5	9012B	ND		0.81	mg/kg

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	09/02/2016 1519	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Acenaphthene	83-32-9	8270D	ND		520	ug/kg
Acenaphthylene	208-96-8	8270D	ND		520	ug/kg
Acetophenone	98-86-2	8270D	ND		520	ug/kg
Anthracene	120-12-7	8270D	ND		520	ug/kg
Atrazine	1912-24-9	8270D	ND		520	ug/kg
Benzaldehyde	100-52-7	8270D	ND		1300	ug/kg
Benzo(a)anthracene	56-55-3	8270D	ND		520	ug/kg
Benzo(a)pyrene	**50-32-8**	**8270D**	**610**		**520**	**ug/kg**
Benzo(b)fluoranthene	**205-99-2**	**8270D**	**1600**		**520**	**ug/kg**
Benzo(g,h,i)perylene	191-24-2	8270D	ND		520	ug/kg
Benzo(k)fluoranthene	**207-08-9**	**8270D**	**610**		**520**	**ug/kg**
1,1'-Biphenyl	92-52-4	8270D	ND		520	ug/kg
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		520	ug/kg
Butyl benzyl phthalate	85-68-7	8270D	ND		520	ug/kg
Caprolactam	105-60-2	8270D	ND		1300	ug/kg
Carbazole	86-74-8	8270D	ND		520	ug/kg
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		520	ug/kg
4-Chloroaniline	106-47-8	8270D	ND		520	ug/kg
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		520	ug/kg
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		520	ug/kg
bis (2-Chloro-1-methylethyl) ether	108-60-1	8270D	ND		520	ug/kg
2-Chloronaphthalene	91-58-7	8270D	ND		520	ug/kg
2-Chlorophenol	95-57-8	8270D	ND		520	ug/kg
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		520	ug/kg
Chrysene	**218-01-9**	**8270D**	**800**		**520**	**ug/kg**
Di-n-butyl phthalate	84-74-2	8270D	ND		520	ug/kg
Di-n-octylphthalate	117-84-0	8270D	ND		520	ug/kg
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		520	ug/kg
Dibenzofuran	132-64-9	8270D	ND		520	ug/kg
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		1300	ug/kg
2,4-Dichlorophenol	120-83-2	8270D	ND		520	ug/kg
Diethylphthalate	84-66-2	8270D	ND		520	ug/kg

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SD-06**
Date Sampled: **08/22/2016 1140**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-016**
Matrix: **Solid**
% Solids: **61.6** **08/24/2016 2325**

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	09/02/2016 1519	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Dimethyl phthalate	131-11-3	8270D	ND		520	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		520	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		1300	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		1300	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		520	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		520	ug/kg	1
bis(2-Ethylhexyl)phthalate	**117-81-7**	**8270D**	**2400**		**520**	**ug/kg**	**1**
Fluoranthene	**206-44-0**	**8270D**	**1400**		**520**	**ug/kg**	**1**
Fluorene	86-73-7	8270D	ND		520	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		520	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		520	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		1300	ug/kg	1
Hexachloroethane	67-72-1	8270D	ND		520	ug/kg	1
Indeno(1,2;3-c,d)pyrene	193-39-5	8270D	ND		520	ug/kg	1
Isophorone	78-59-1	8270D	ND		520	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		520	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		520	ug/kg	1
3+4-Methylphenol	106-44-5	8270D	ND		1100	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		520	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		520	ug/kg	1
Naphthalene	91-20-3	8270D	ND		520	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		520	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		520	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		520	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		520	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		520	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		1300	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		1300	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		520	ug/kg	1
Phenol	108-95-2	8270D	ND		520	ug/kg	1
Pyrene	**129-00-0**	**8270D**	**920**		**520**	**ug/kg**	**1**
2,4,5-Trichlorophenol	95-95-4	8270D	ND		520	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		520	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: BL-SD-06
Date Sampled: 08/22/2016 1140
Date Received: 08/24/2016

Laboratory ID: RH24015-016
Matrix: Solid
% Solids: 61.6 08/24/2016 2325

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		67	30-117
2-Fluorobiphenyl		62	33-102
2-Fluorophenol		60	28-104
Nitrobenzene-d5		58	22-109
Phenol-d5		64	27-103
Terphenyl-d14		75	41-120

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	5000	08/31/2016 2245	MEM	08/29/2016 1840	20900

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aroclor 1016	12674-11-2	8082A	ND		74000	ug/kg
Aroclor 1221	11104-28-2	8082A	ND		74000	ug/kg
Aroclor 1232	11141-16-5	8082A	ND		74000	ug/kg
Aroclor 1242	53469-21-9	8082A	ND		74000	ug/kg
Aroclor 1248	**12672-29-6**	**8082A**	**1000000**		**74000**	**ug/kg**
Aroclor 1254	**11097-69-1**	**8082A**	**660000**		**74000**	**ug/kg**
Aroclor 1260	11096-82-5	8082A	ND		74000	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	1170	41-132
Tetrachloro-m-xylene	N	267	35-106

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	500	08/31/2016 1654	PMS	08/29/2016 1840	20904

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aldrin	309-00-2	8081B	ND		740	ug/kg
gamma-BHC (Lindane)	**58-89-9**	**8081B**	**1200**	**P**	**740**	**ug/kg**
alpha-BHC	319-84-6	8081B	ND		740	ug/kg
beta-BHC	319-85-7	8081B	ND		740	ug/kg
delta-BHC	**319-86-8**	**8081B**	**1500**	**P**	**740**	**ug/kg**
Chlordane	57-74-9	8081B	ND		1500	ug/kg
cis-Chlordane	5103-71-9	8081B	ND		740	ug/kg
trans-Chlordane	**5103-74-2**	**8081B**	**17000**		**740**	**ug/kg**
4,4'-DDD	72-54-8	8081B	ND		740	ug/kg
4,4'-DDE	**72-55-9**	**8081B**	**14000**		**740**	**ug/kg**
4,4'-DDT	**50-29-3**	**8081B**	**14000**		**740**	**ug/kg**
Dieldrin	**60-57-1**	**8081B**	**27000**		**740**	**ug/kg**
Endosulfan I	959-98-8	8081B	ND		740	ug/kg

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: BL-SD-06
Date Sampled: 08/22/2016 1140
Date Received: 08/24/2016

Laboratory ID: RH24015-016
Matrix: Solid
% Solids: 61.6 08/24/2016 2325

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	500	08/31/2016 1654	PMS	08/29/2016 1840	20904

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Endosulfan II	33213-65-9	8081B	ND		740	ug/kg	1
Endosulfan sulfate	**1031-07-8**	**8081B**	**1300**		**740**	**ug/kg**	**1**
Endrin	**72-20-8**	**8081B**	**3500**	**P**	**740**	**ug/kg**	**1**
Endrin aldehyde	**7421-93-4**	**8081B**	**2600**		**740**	**ug/kg**	**1**
Endrin ketone	**53494-70-5**	**8081B**	**2400**		**740**	**ug/kg**	**1**
Heptachlor	**76-44-8**	**8081B**	**2400**	**P**	**740**	**ug/kg**	**1**
Heptachlor epoxide	**1024-57-3**	**8081B**	**2500**	**P**	**740**	**ug/kg**	**1**
Methoxychlor	72-43-5	8081B	ND		3000	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		7400	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	475	57-110
Tetrachloro-m-xylene	N	108	37-91

TAL Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7471B	7471B	1	08/29/2016 1533	CLM	08/29/2016 1149	20777
1	3050B	6010C	1	08/26/2016 1620	CJZ	08/25/2016 1047	20636

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aluminum	**7429-90-5**	**6010C**	**14000**		**23**	**mg/kg**	**1**
Antimony	7440-36-0	6010C	ND		1.1	mg/kg	1
Arsenic	**7440-38-2**	**6010C**	**4.1**		**0.86**	**mg/kg**	**1**
Barium	**7440-39-3**	**6010C**	**49**		**1.5**	**mg/kg**	**1**
Beryllium	7440-41-7	6010C	ND		0.29	mg/kg	1
Cadmium	**7440-43-9**	**6010C**	**0.29**		**0.29**	**mg/kg**	**1**
Calcium	**7440-70-2**	**6010C**	**1000**		**290**	**mg/kg**	**1**
Chromium	**7440-47-3**	**6010C**	**56**		**0.57**	**mg/kg**	**1**
Cobalt	**7440-48-4**	**6010C**	**1.8**		**1.5**	**mg/kg**	**1**
Copper	**7440-50-8**	**6010C**	**33**		**0.57**	**mg/kg**	**1**
Iron	**7439-89-6**	**6010C**	**13000**		**5.7**	**mg/kg**	**1**
Lead	**7439-92-1**	**6010C**	**82**		**0.57**	**mg/kg**	**1**
Magnesium	**7439-95-4**	**6010C**	**580**		**290**	**mg/kg**	**1**
Manganese	**7439-96-5**	**6010C**	**42**		**0.86**	**mg/kg**	**1**
Mercury	7439-97-6	7471B	ND		0.12	mg/kg	1
Nickel	**7440-02-0**	**6010C**	**7.1**		**2.3**	**mg/kg**	**1**
Potassium	**7440-09-7**	**6010C**	**350**		**290**	**mg/kg**	**1**
Selenium	7782-49-2	6010C	ND		1.1	mg/kg	1
Silver	7440-22-4	6010C	ND		0.57	mg/kg	1

PQL = Practical quantitation limit | B = Detected in the method blank | E = Quantitation of compound exceeded the calibration range | H = Out of holding time
ND = Not detected at or above the PQL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synterra**
Description: **BL-SD-06**
Date Sampled: **08/22/2016 1140**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-016**
Matrix: **Solid**
% Solids: **61.6** **08/24/2016 2325**

TAL Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7471B	7471B	1	08/29/2016 1533	CLM	08/29/2016 1149	20777
1	3050B	6010C	1	08/26/2016 1620	CJZ	08/25/2016 1047	20636

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Sodium	7440-23-5	6010C	ND		290	mg/kg
Thallium	7440-28-0	6010C	ND		2.9	mg/kg
Vanadium	**7440-62-2**	**6010C**	**46**		**2.9**	**mg/kg**
Zinc	**7440-66-6**	**6010C**	**140**		**2.9**	**mg/kg**

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synterra**
Description: **BL-SD-18**
Date Sampled: **08/22/2016 1643**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-017**
Matrix: **Solid**
% Solids: **52.4** **08/24/2016 2325**

Inorganic non-metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	9012B	(Cyanide - To) 9012B	1	08/30/2016 1812	MJI	08/30/2016 1145	20971

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Cyanide - Total	57-12-5	9012B	ND		0.95	mg/kg	1

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	09/02/2016 1543	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		610	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		610	ug/kg	1
Acetophenone	98-86-2	8270D	ND		610	ug/kg	1
Anthracene	120-12-7	8270D	ND		610	ug/kg	1
Atrazine	1912-24-9	8270D	ND		610	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		1500	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		610	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		610	ug/kg	1
Benzo(b)fluoranthene	**205-99-2**	**8270D**	**1400**		**610**	**ug/kg**	**1**
Benzo(g,h,i)perylene	191-24-2	8270D	ND		610	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		610	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		610	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		610	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		610	ug/kg	1
Caprolactam	105-60-2	8270D	ND		1500	ug/kg	1
Carbazole	86-74-8	8270D	ND		610	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		610	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		610	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		610	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		610	ug/kg	1
bis (2-Chloro-1-methylethyl) ether	108-60-1	8270D	ND		610	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		610	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		610	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		610	ug/kg	1
Chrysene	**218-01-9**	**8270D**	**610**		**610**	**ug/kg**	**1**
Di-n-butyl phthalate	84-74-2	8270D	ND		610	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		610	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		610	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		610	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		1500	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		610	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		610	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: BL-SD-18
Date Sampled: 08/22/2016 1643
Date Received: 08/24/2016

Laboratory ID: RH24015-017
Matrix: Solid
% Solids: 52.4 08/24/2016 2325

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	09/02/2016 1543	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Dimethyl phthalate	131-11-3	8270D	ND		610	ug/kg
2,4-Dimethylphenol	105-67-9	8270D	ND		610	ug/kg
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		1500	ug/kg
2,4-Dinitrophenol	51-28-5	8270D	ND		1500	ug/kg
2,4-Dinitrotoluene	121-14-2	8270D	ND		610	ug/kg
2,6-Dinitrotoluene	606-20-2	8270D	ND		610	ug/kg
bis(2-Ethylhexyl)phthalate	**117-81-7**	**8270D**	**660**		**610**	**ug/kg**
Fluoranthene	**206-44-0**	**8270D**	**850**		**610**	**ug/kg**
Fluorene	86-73-7	8270D	ND		610	ug/kg
Hexachlorobenzene	118-74-1	8270D	ND		610	ug/kg
Hexachlorobutadiene	87-68-3	8270D	ND		610	ug/kg
Hexachlorocyclopentadiene	77-47-4	8270D	ND		1500	ug/kg
Hexachloroethane	67-72-1	8270D	ND		610	ug/kg
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		610	ug/kg
Isophorone	78-59-1	8270D	ND		610	ug/kg
2-Methylnaphthalene	91-57-6	8270D	ND		610	ug/kg
2-Methylphenol	95-48-7	8270D	ND		610	ug/kg
3+4-Methylphenol	106-44-5	8270D	ND		1200	ug/kg
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		610	ug/kg
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		610	ug/kg
Naphthalene	91-20-3	8270D	ND		610	ug/kg
2-Nitroaniline	88-74-4	8270D	ND		610	ug/kg
3-Nitroaniline	99-09-2	8270D	ND		610	ug/kg
4-Nitroaniline	100-01-6	8270D	ND		610	ug/kg
Nitrobenzene	98-95-3	8270D	ND		610	ug/kg
2-Nitrophenol	88-75-5	8270D	ND		610	ug/kg
4-Nitrophenol	100-02-7	8270D	ND		1500	ug/kg
Pentachlorophenol	87-86-5	8270D	ND		1500	ug/kg
Phenanthrene	85-01-8	8270D	ND		610	ug/kg
Phenol	108-95-2	8270D	ND		610	ug/kg
Pyrene	**129-00-0**	**8270D**	**700**		**610**	**ug/kg**
2,4,5-Trichlorophenol	95-95-4	8270D	ND		610	ug/kg
2,4,6-Trichlorophenol	88-06-2	8270D	ND		610	ug/kg

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: SynTerra
Description: BL-SD-18
Date Sampled: 08/22/2016 1643
Date Received: 08/24/2016

Laboratory ID: RH24015-017
Matrix: Solid
% Solids: 52.4 08/24/2016 2325

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		72	30-117
2-Fluorobiphenyl		60	33-102
2-Fluorophenol		66	28-104
Nitrobenzene-d5		61	22-109
Phenol-d5		67	27-103
Terphenyl-d14		67	41-120

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1000	08/31/2016 2112	MEM	08/29/2016 1840	20900

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		18000	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		18000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		18000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		18000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**250000**		**18000**	**ug/kg**	**1**
Aroclor 1254	11097-69-1	8082A	ND		18000	ug/kg	1
Aroclor 1260	11096-82-5	8082A	ND		18000	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	309	41-132
Tetrachloro-m-xylene	N	123	35-106

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	100	08/31/2016 1709	PMS	08/29/2016 1840	20904

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		180	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		180	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		180	ug/kg	1
beta-BHC	319-85-7	8081B	ND		180	ug/kg	1
delta-BHC	**319-86-8**	**8081B**	**220**	**P**	**180**	**ug/kg**	**1**
Chlordane	57-74-9	8081B	ND		360	ug/kg	1
cis-Chlordane	5103-71-9	8081B	ND		180	ug/kg	1
trans-Chlordane	**5103-74-2**	**8081B**	**4500**		**180**	**ug/kg**	**1**
4,4'-DDD	72-54-8	8081B	ND		180	ug/kg	1
4,4'-DDE	**72-55-9**	**8081B**	**3500**		**180**	**ug/kg**	**1**
4,4'-DDT	**50-29-3**	**8081B**	**3900**		**180**	**ug/kg**	**1**
Dieldrin	**60-57-1**	**8081B**	**7300**		**180**	**ug/kg**	**1**
Endosulfan I	959-98-8	8081B	ND		180	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synterra
Description: BL-SD-18
Date Sampled: 08/22/2016 1643
Date Received: 08/24/2016

Laboratory ID: RH24015-017
Matrix: Solid
% Solids: 52.4 08/24/2016 2325

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	100	08/31/2016 1709	PMS	08/29/2016 1840	20904

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Endosulfan II	33213-65-9	8081B	ND		180	ug/kg
Endosulfan sulfate	**1031-07-8**	**8081B**	**310**	**P**	**180**	**ug/kg**
Endrin	**72-20-8**	**8081B**	**970**	**P**	**180**	**ug/kg**
Endrin aldehyde	**7421-93-4**	**8081B**	**740**		**180**	**ug/kg**
Endrin ketone	**53494-70-5**	**8081B**	**740**		**180**	**ug/kg**
Heptachlor	**76-44-8**	**8081B**	**380**	**P**	**180**	**ug/kg**
Heptachlor epoxide	**1024-57-3**	**8081B**	**580**	**P**	**180**	**ug/kg**
Methoxychlor	72-43-5	8081B	ND		730	ug/kg
Toxaphene	8001-35-2	8081B	ND		1800	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	270	57-110
Tetrachloro-m-xylene		87	37-91

TAL Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7471B	7471B	1	08/29/2016 1535	CLM	08/29/2016 1149	20777
1	3050B	6010C	1	08/26/2016 1624	CJZ	08/25/2016 1047	20636

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aluminum	**7429-90-5**	**6010C**	**9700**		**22**	**mg/kg**
Antimony	7440-36-0	6010C	ND		1.1	mg/kg
Arsenic	**7440-38-2**	**6010C**	**1.4**		**0.82**	**mg/kg**
Barium	**7440-39-3**	**6010C**	**46**		**1.4**	**mg/kg**
Beryllium	7440-41-7	6010C	ND		0.27	mg/kg
Cadmium	**7440-43-9**	**6010C**	**0.61**		**0.27**	**mg/kg**
Calcium	**7440-70-2**	**6010C**	**1000**		**270**	**mg/kg**
Chromium	**7440-47-3**	**6010C**	**20**		**0.55**	**mg/kg**
Cobalt	7440-48-4	6010C	ND		1.4	mg/kg
Copper	**7440-50-8**	**6010C**	**18**		**0.55**	**mg/kg**
Iron	**7439-89-6**	**6010C**	**5500**		**5.5**	**mg/kg**
Lead	**7439-92-1**	**6010C**	**33**		**0.55**	**mg/kg**
Magnesium	**7439-95-4**	**6010C**	**410**		**270**	**mg/kg**
Manganese	**7439-96-5**	**6010C**	**32**		**0.82**	**mg/kg**
Mercury	7439-97-6	7471B	ND		0.15	mg/kg
Nickel	**7440-02-0**	**6010C**	**5.1**		**2.2**	**mg/kg**
Potassium	**7440-09-7**	**6010C**	**340**		**270**	**mg/kg**
Selenium	7782-49-2	6010C	ND		1.1	mg/kg
Silver	7440-22-4	6010C	ND		0.55	mg/kg

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SD-18**
Date Sampled: **08/22/2016 1643**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-017**
Matrix: **Solid**
% Solids: **52.4** **08/24/2016 2325**

TAL Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7471B	7471B	1	08/29/2016 1535	CLM	08/29/2016 1149	20777
1	3050B	6010C	1	08/26/2016 1624	CJZ	08/25/2016 1047	20636

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Sodium	7440-23-5	6010C	ND		270	mg/kg	1
Thallium	7440-28-0	6010C	ND		2.7	mg/kg	1
Vanadium	**7440-62-2**	**6010C**	**26**		**2.7**	**mg/kg**	**1**
Zinc	**7440-66-6**	**6010C**	**110**		**2.7**	**mg/kg**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synterra
Description: BL-SD-19
Date Sampled: 08/22/2016 1520
Date Received: 08/24/2016

Laboratory ID: RH24015-018
Matrix: Solid
% Solids: 78.0 08/24/2016 2325

Inorganic non-metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	9012B	(Cyanide - To) 9012B	1	08/30/2016 1814	MJI	08/30/2016 1145	20971

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Cyanide - Total	57-12-5	9012B	ND		0.64	mg/kg

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	08/30/2016 1617	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Acenaphthene	83-32-9	8270D	ND		420	ug/kg
Acenaphthylene	208-96-8	8270D	ND		420	ug/kg
Acetophenone	98-86-2	8270D	ND		420	ug/kg
Anthracene	120-12-7	8270D	ND		420	ug/kg
Atrazine	1912-24-9	8270D	ND		420	ug/kg
Benzaldehyde	100-52-7	8270D	ND		1100	ug/kg
Benzo(a)anthracene	56-55-3	8270D	ND		420	ug/kg
Benzo(a)pyrene	50-32-8	8270D	ND		420	ug/kg
Benzo(b)fluoranthene	205-99-2	8270D	ND		420	ug/kg
Benzo(g,h,i)perylene	191-24-2	8270D	ND		420	ug/kg
Benzo(k)fluoranthene	207-08-9	8270D	ND		420	ug/kg
1,1'-Biphenyl	92-52-4	8270D	ND		420	ug/kg
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		420	ug/kg
Butyl benzyl phthalate	85-68-7	8270D	ND		420	ug/kg
Caprolactam	105-60-2	8270D	ND		1100	ug/kg
Carbazole	86-74-8	8270D	ND		420	ug/kg
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		420	ug/kg
4-Chloroaniline	106-47-8	8270D	ND		420	ug/kg
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		420	ug/kg
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		420	ug/kg
bis (2-Chloro-1-methylethyl) ether	108-60-1	8270D	ND		420	ug/kg
2-Chloronaphthalene	91-58-7	8270D	ND		420	ug/kg
2-Chlorophenol	95-57-8	8270D	ND		420	ug/kg
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		420	ug/kg
Chrysene	218-01-9	8270D	ND		420	ug/kg
Di-n-butyl phthalate	84-74-2	8270D	ND		420	ug/kg
Di-n-octylphthalate	117-84-0	8270D	ND		420	ug/kg
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		420	ug/kg
Dibenzofuran	132-64-9	8270D	ND		420	ug/kg
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		1100	ug/kg
2,4-Dichlorophenol	120-83-2	8270D	ND		420	ug/kg
Diethylphthalate	84-66-2	8270D	ND		420	ug/kg

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SD-19**
Date Sampled: **08/22/2016 1520**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-018**
Matrix: **Solid**
% Solids: **78.0** **08/24/2016 2325**

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	08/30/2016 1617	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Dimethyl phthalate	131-11-3	8270D	ND		420	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		420	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		1100	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		1100	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		420	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		420	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		420	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		420	ug/kg	1
Fluorene	86-73-7	8270D	ND		420	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		420	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		420	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		1100	ug/kg	1
Hexachloroethane	67-72-1	8270D	ND		420	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		420	ug/kg	1
Isophorone	78-59-1	8270D	ND		420	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		420	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		420	ug/kg	1
3+4-Methylphenol	106-44-5	8270D	ND		860	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		420	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		420	ug/kg	1
Naphthalene	91-20-3	8270D	ND		420	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		420	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		420	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		420	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		420	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		420	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		1100	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		1100	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		420	ug/kg	1
Phenol	108-95-2	8270D	ND		420	ug/kg	1
Pyrene	129-00-0	8270D	ND		420	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		420	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		420	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: BL-SD-19
Date Sampled: 08/22/2016 1520
Date Received: 08/24/2016

Laboratory ID: RH24015-018
Matrix: Solid
% Solids: 78.0 08/24/2016 2325

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		77	30-117
2-Fluorobiphenyl		73	33-102
2-Fluorophenol		69	28-104
Nitrobenzene-d5		75	22-109
Phenol-d5		76	27-103
Terphenyl-d14		86	41-120

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	08/31/2016 1952	MEM	08/29/2016 1840	20900

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aroclor 1016	12674-11-2	8082A	ND		12	ug/kg
Aroclor 1221	11104-28-2	8082A	ND		12	ug/kg
Aroclor 1232	11141-16-5	8082A	ND		12	ug/kg
Aroclor 1242	53469-21-9	8082A	ND		12	ug/kg
Aroclor 1248	**12672-29-6**	**8082A**	**100**		**12**	**ug/kg**
Aroclor 1254	11097-69-1	8082A	ND		12	ug/kg
Aroclor 1260	11096-82-5	8082A	ND		12	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		98	41-132
Tetrachloro-m-xylene		92	35-106

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	1	09/01/2016 1154	PMS	08/29/2016 1840	20904

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aldrin	309-00-2	8081B	ND		1.2	ug/kg
gamma-BHC (Lindane)	58-89-9	8081B	ND		1.2	ug/kg
alpha-BHC	319-84-6	8081B	ND		1.2	ug/kg
beta-BHC	319-85-7	8081B	ND		1.2	ug/kg
delta-BHC	319-86-8	8081B	ND		1.2	ug/kg
Chlordane	57-74-9	8081B	ND		2.5	ug/kg
cis-Chlordane	5103-71-9	8081B	ND		1.2	ug/kg
trans-Chlordane	**5103-74-2**	**8081B**	**1.7**	**P**	**1.2**	**ug/kg**
4,4'-DDD	72-54-8	8081B	ND		1.2	ug/kg
4,4'-DDE	**72-55-9**	**8081B**	**6.7**		**1.2**	**ug/kg**
4,4'-DDT	**50-29-3**	**8081B**	**2.2**	**P**	**1.2**	**ug/kg**
Dieldrin	**60-57-1**	**8081B**	**3.5**		**1.2**	**ug/kg**
Endosulfan I	959-98-8	8081B	ND		1.2	ug/kg

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: SynTerra
Description: BL-SD-19
Date Sampled: 08/22/2016 1520
Date Received: 08/24/2016

Laboratory ID: RH24015-018
Matrix: Solid
% Solids: 78.0 08/24/2016 2325

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	1	09/01/2016 1154	PMS	08/29/2016 1840	20904

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Endosulfan II	33213-65-9	8081B	ND		1.2	ug/kg	1
Endosulfan sulfate	1031-07-8	8081B	ND		1.2	ug/kg	1
Endrin	72-20-8	8081B	ND		1.2	ug/kg	1
Endrin aldehyde	7421-93-4	8081B	ND		1.2	ug/kg	1
Endrin ketone	53494-70-5	8081B	ND		1.2	ug/kg	1
Heptachlor	76-44-8	8081B	ND		1.2	ug/kg	1
Heptachlor epoxide	1024-57-3	8081B	ND		1.2	ug/kg	1
Methoxychlor	72-43-5	8081B	ND		4.9	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		12	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		97	57-110
Tetrachloro-m-xylene		90	37-91

TAL Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7471B	7471B	1	08/29/2016 1537	CLM	08/29/2016 1149	20777
1	3050B	6010C	1	08/26/2016 1642	CJZ	08/25/2016 1047	20636

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aluminum	**7429-90-5**	**6010C**	**5000**		**15**	**mg/kg**	**1**
Antimony	7440-36-0	6010C	ND		0.75	mg/kg	1
Arsenic	7440-38-2	6010C	ND		0.56	mg/kg	1
Barium	**7440-39-3**	**6010C**	**25**		**0.98**	**mg/kg**	**1**
Beryllium	7440-41-7	6010C	ND		0.19	mg/kg	1
Cadmium	7440-43-9	6010C	ND		0.19	mg/kg	1
Calcium	7440-70-2	6010C	ND		190	mg/kg	1
Chromium	**7440-47-3**	**6010C**	**7.0**		**0.38**	**mg/kg**	**1**
Cobalt	7440-48-4	6010C	ND		0.98	mg/kg	1
Copper	**7440-50-8**	**6010C**	**3.1**		**0.38**	**mg/kg**	**1**
Iron	**7439-89-6**	**6010C**	**2600**		**3.8**	**mg/kg**	**1**
Lead	**7439-92-1**	**6010C**	**11**		**0.38**	**mg/kg**	**1**
Magnesium	7439-95-4	6010C	ND		190	mg/kg	1
Manganese	**7439-96-5**	**6010C**	**17**		**0.56**	**mg/kg**	**1**
Mercury	7439-97-6	7471B	ND		0.10	mg/kg	1
Nickel	**7440-02-0**	**6010C**	**1.8**		**1.5**	**mg/kg**	**1**
Potassium	7440-09-7	6010C	ND		190	mg/kg	1
Selenium	7782-49-2	6010C	ND		0.75	mg/kg	1
Silver	7440-22-4	6010C	ND		0.38	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synterra**
Description: **BL-SD-19**
Date Sampled: **08/22/2016 1520**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-018**
Matrix: **Solid**
% Solids: **78.0** **08/24/2016 2325**

TAL Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7471B	7471B	1	08/29/2016 1537	CLM	08/29/2016 1149	20777
1	3050B	6010C	1	08/26/2016 1642	CJZ	08/25/2016 1047	20636

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Sodium	7440-23-5	6010C	ND		190	mg/kg
Thallium	7440-28-0	6010C	ND		1.9	mg/kg
Vanadium	**7440-62-2**	**6010C**	**9.5**		**1.9**	**mg/kg**
Zinc	**7440-66-6**	**6010C**	**13**		**1.9**	**mg/kg**

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: SynTerra
Description: BL-DS-19
Date Sampled: 08/22/2016 1525
Date Received: 08/24/2016

Laboratory ID: RH24015-019
Matrix: Solid
% Solids: 75.5 08/24/2016 2325

Inorganic non-metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	9012B	(Cyanide - To) 9012B	1	08/30/2016 1817	MJI	08/30/2016 1145	20971

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Cyanide - Total	57-12-5	9012B	ND		0.66	mg/kg	1

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	08/30/2016 1642	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		440	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		440	ug/kg	1
Acetophenone	98-86-2	8270D	ND		440	ug/kg	1
Anthracene	120-12-7	8270D	ND		440	ug/kg	1
Atrazine	1912-24-9	8270D	ND		440	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		1100	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		440	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		440	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		440	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		440	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		440	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		440	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		440	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		440	ug/kg	1
Caprolactam	105-60-2	8270D	ND		1100	ug/kg	1
Carbazole	86-74-8	8270D	ND		440	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		440	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		440	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		440	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		440	ug/kg	1
bis (2-Chloro-1-methylethyl) ether	108-60-1	8270D	ND		440	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		440	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		440	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		440	ug/kg	1
Chrysene	218-01-9	8270D	ND		440	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		440	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		440	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		440	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		440	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		1100	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		440	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		440	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: BL-DS-19
Date Sampled: 08/22/2016 1525
Date Received: 08/24/2016

Laboratory ID: RH24015-019
Matrix: Solid
% Solids: 75.5 08/24/2016 2325

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	08/30/2016 1642	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Dimethyl phthalate	131-11-3	8270D	ND		440	ug/kg
2,4-Dimethylphenol	105-67-9	8270D	ND		440	ug/kg
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		1100	ug/kg
2,4-Dinitrophenol	51-28-5	8270D	ND		1100	ug/kg
2,4-Dinitrotoluene	121-14-2	8270D	ND		440	ug/kg
2,6-Dinitrotoluene	606-20-2	8270D	ND		440	ug/kg
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		440	ug/kg
Fluoranthene	206-44-0	8270D	ND		440	ug/kg
Fluorene	86-73-7	8270D	ND		440	ug/kg
Hexachlorobenzene	118-74-1	8270D	ND		440	ug/kg
Hexachlorobutadiene	87-68-3	8270D	ND		440	ug/kg
Hexachlorocyclopentadiene	77-47-4	8270D	ND		1100	ug/kg
Hexachloroethane	67-72-1	8270D	ND		440	ug/kg
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		440	ug/kg
Isophorone	78-59-1	8270D	ND		440	ug/kg
2-Methylnaphthalene	91-57-6	8270D	ND		440	ug/kg
2-Methylphenol	95-48-7	8270D	ND		440	ug/kg
3+4-Methylphenol	106-44-5	8270D	ND		890	ug/kg
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		440	ug/kg
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		440	ug/kg
Naphthalene	91-20-3	8270D	ND		440	ug/kg
2-Nitroaniline	88-74-4	8270D	ND		440	ug/kg
3-Nitroaniline	99-09-2	8270D	ND		440	ug/kg
4-Nitroaniline	100-01-6	8270D	ND		440	ug/kg
Nitrobenzene	98-95-3	8270D	ND		440	ug/kg
2-Nitrophenol	88-75-5	8270D	ND		440	ug/kg
4-Nitrophenol	100-02-7	8270D	ND		1100	ug/kg
Pentachlorophenol	87-86-5	8270D	ND		1100	ug/kg
Phenanthrene	85-01-8	8270D	ND		440	ug/kg
Phenol	108-95-2	8270D	ND		440	ug/kg
Pyrene	129-00-0	8270D	ND		440	ug/kg
2,4,5-Trichlorophenol	95-95-4	8270D	ND		440	ug/kg
2,4,6-Trichlorophenol	88-06-2	8270D	ND		440	ug/kg

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: SynTerra
Description: BL-DS-19
Date Sampled: 08/22/2016 1525
Date Received: 08/24/2016

Laboratory ID: RH24015-019
Matrix: Solid
% Solids: 75.5 08/24/2016 2325

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		70	30-117
2-Fluorobiphenyl		66	33-102
2-Fluorophenol		64	28-104
Nitrobenzene-d5		70	22-109
Phenol-d5		71	27-103
Terphenyl-d14		78	41-120

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	08/31/2016 2005	MEM	08/29/2016 1840	20900

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		12	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		12	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**67**		**12**	**ug/kg**	**1**
Aroclor 1254	11097-69-1	8082A	ND		12	ug/kg	1
Aroclor 1260	11096-82-5	8082A	ND		12	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		95	41-132
Tetrachloro-m-xylene		92	35-106

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	1	09/01/2016 1209	PMS	08/29/2016 1840	20904

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		1.2	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		1.2	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		1.2	ug/kg	1
beta-BHC	319-85-7	8081B	ND		1.2	ug/kg	1
delta-BHC	319-86-8	8081B	ND		1.2	ug/kg	1
Chlordane	57-74-9	8081B	ND		2.5	ug/kg	1
cis-Chlordane	5103-71-9	8081B	ND		1.2	ug/kg	1
trans-Chlordane	5103-74-2	8081B	ND		1.2	ug/kg	1
4,4'-DDD	72-54-8	8081B	ND		1.2	ug/kg	1
4,4'-DDE	72-55-9	8081B	ND		1.2	ug/kg	1
4,4'-DDT	**50-29-3**	**8081B**	**1.2**	**P**	**1.2**	**ug/kg**	**1**
Dieldrin	**60-57-1**	**8081B**	**1.8**	**P**	**1.2**	**ug/kg**	**1**
Endosulfan I	959-98-8	8081B	ND		1.2	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: SynTerra
Description: **BL-DS-19**
Date Sampled: **08/22/2016 1525**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-019**
Matrix: **Solid**
% Solids: **75.5** **08/24/2016 2325**

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	1	09/01/2016 1209	PMS	08/29/2016 1840	20904

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Endosulfan II	33213-65-9	8081B	ND		1.2	ug/kg
Endosulfan sulfate	1031-07-8	8081B	ND		1.2	ug/kg
Endrin	72-20-8	8081B	ND		1.2	ug/kg
Endrin aldehyde	7421-93-4	8081B	ND		1.2	ug/kg
Endrin ketone	53494-70-5	8081B	ND		1.2	ug/kg
Heptachlor	76-44-8	8081B	ND		1.2	ug/kg
Heptachlor epoxide	1024-57-3	8081B	ND		1.2	ug/kg
Methoxychlor	72-43-5	8081B	ND		5.0	ug/kg
Toxaphene	8001-35-2	8081B	ND		12	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		88	57-110
Tetrachloro-m-xylene		89	37-91

TAL Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7471B	7471B	1	08/29/2016 1539	CLM	08/29/2016 1149	20777
1	3050B	6010C	1	08/26/2016 1647	CJZ	08/25/2016 1047	20636

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aluminum	**7429-90-5**	**6010C**	**7000**		**16**	**mg/kg**
Antimony	7440-36-0	6010C	ND		0.80	mg/kg
Arsenic	**7440-38-2**	**6010C**	**1.1**		**0.60**	**mg/kg**
Barium	**7440-39-3**	**6010C**	**51**		**1.0**	**mg/kg**
Beryllium	7440-41-7	6010C	ND		0.20	mg/kg
Cadmium	7440-43-9	6010C	ND		0.20	mg/kg
Calcium	7440-70-2	6010C	ND		200	mg/kg
Chromium	**7440-47-3**	**6010C**	**7.8**		**0.40**	**mg/kg**
Cobalt	**7440-48-4**	**6010C**	**1.2**		**1.0**	**mg/kg**
Copper	**7440-50-8**	**6010C**	**3.3**		**0.40**	**mg/kg**
Iron	**7439-89-6**	**6010C**	**4400**		**4.0**	**mg/kg**
Lead	**7439-92-1**	**6010C**	**7.4**		**0.40**	**mg/kg**
Magnesium	7439-95-4	6010C	ND		200	mg/kg
Manganese	**7439-96-5**	**6010C**	**32**		**0.60**	**mg/kg**
Mercury	7439-97-6	7471B	ND		0.096	mg/kg
Nickel	**7440-02-0**	**6010C**	**2.1**		**1.6**	**mg/kg**
Potassium	7440-09-7	6010C	ND		200	mg/kg
Selenium	7782-49-2	6010C	ND		0.80	mg/kg
Silver	7440-22-4	6010C	ND		0.40	mg/kg

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-DS-19**
Date Sampled: **08/22/2016 1525**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-019**
Matrix: **Solid**
% Solids: **75.5** **08/24/2016 2325**

TAL Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7471B	7471B	1	08/29/2016 1539	CLM	08/29/2016 1149	20777
1	3050B	6010C	1	08/26/2016 1647	CJZ	08/25/2016 1047	20636

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Sodium	7440-23-5	6010C	ND		200	mg/kg	1
Thallium	7440-28-0	6010C	ND		2.0	mg/kg	1
Vanadium	**7440-62-2**	**6010C**	**13**		**2.0**	**mg/kg**	**1**
Zinc	**7440-66-6**	**6010C**	**8.4**		**2.0**	**mg/kg**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

QC Summary

Inorganic non-metals - MB

Sample ID: RQ20971-001
Batch: 20971
Analytical Method: 9012B

Matrix: Solid
Prep Method: 9012B
Prep Date: 08/30/2016 1145

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Cyanide - Total	ND		1	0.50	mg/kg	08/30/2016 1754

QL = Practical quantitation limit
D = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

/here applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

lote: Calculations are performed before rounding to avoid round-off errors in calculated results

Inorganic non-metals - LCS

Sample ID: RQ20971-002
Batch: 20971
Analytical Method: 9012B

Matrix: Solid
Prep Method: 9012B
Prep Date: 08/30/2016 1145

Parameter	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Cyanide - Total	5.0	4.9		1	98	90-110	08/30/2016 1755

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Inorganic non-metals - MS

Sample ID: RH24015-018MS
Batch: 20971
Analytical Method: 9012B

Matrix: Solid
Prep Method: 9012B
Prep Date: 08/30/2016 1145

Parameter	Sample Amount (mg/kg)	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Cyanide - Total	ND	6.4	5.7		1	89	70-130	08/30/2016 1815

QL = Practical quantitation limit
D = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

here applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

ote: Calculations are performed before rounding to avoid round-off errors in calculated results

Inorganic non-metals - MSD

Sample ID: RH24015-018MD
Batch: 20971
Analytical Method: 9012B

Matrix: Solid
Prep Method: 9012B
Prep Date: 08/30/2016 1145

Parameter	Sample Amount (mg/kg)	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Cyanide - Total	ND	6.4	6.2		1	97	9.3	70-130	20	08/30/2016 1816

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MB

Sample ID: RQ20899-001 **Matrix:** Solid
Batch: 20899 **Prep Method:** 3550C
Analytical Method: 8270D **Prep Date:** 08/29/2016 2356

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
1,1'-Biphenyl	ND		1	330	ug/kg	08/30/2016 0944
2,4,5-Trichlorophenol	ND		1	330	ug/kg	08/30/2016 0944
2,4,6-Trichlorophenol	ND		1	330	ug/kg	08/30/2016 0944
2,4-Dichlorophenol	ND		1	330	ug/kg	08/30/2016 0944
2,4-Dimethylphenol	ND		1	330	ug/kg	08/30/2016 0944
2,4-Dinitrophenol	ND		1	830	ug/kg	08/30/2016 0944
2,4-Dinitrotoluene	ND		1	330	ug/kg	08/30/2016 0944
2,6-Dinitrotoluene	ND		1	330	ug/kg	08/30/2016 0944
2-Chloronaphthalene	ND		1	330	ug/kg	08/30/2016 0944
2-Chlorophenol	ND		1	330	ug/kg	08/30/2016 0944
2-Methylnaphthalene	ND		1	330	ug/kg	08/30/2016 0944
2-Methylphenol	ND		1	330	ug/kg	08/30/2016 0944
2-Nitroaniline	ND		1	330	ug/kg	08/30/2016 0944
2-Nitrophenol	ND		1	330	ug/kg	08/30/2016 0944
3+4-Methylphenol	ND		1	670	ug/kg	08/30/2016 0944
3,3'-Dichlorobenzidine	ND		1	830	ug/kg	08/30/2016 0944
3-Nitroaniline	ND		1	330	ug/kg	08/30/2016 0944
4,6-Dinitro-2-methylphenol	ND		1	830	ug/kg	08/30/2016 0944
4-Bromophenyl phenyl ether	ND		1	330	ug/kg	08/30/2016 0944
4-Chloro-3-methyl phenol	ND		1	330	ug/kg	08/30/2016 0944
4-Chloroaniline	ND		1	330	ug/kg	08/30/2016 0944
4-Chlorophenyl phenyl ether	ND		1	330	ug/kg	08/30/2016 0944
4-Nitroaniline	ND		1	330	ug/kg	08/30/2016 0944
4-Nitrophenol	ND		1	830	ug/kg	08/30/2016 0944
Acenaphthene	ND		1	330	ug/kg	08/30/2016 0944
Acenaphthylene	ND		1	330	ug/kg	08/30/2016 0944
Acetophenone	ND		1	330	ug/kg	08/30/2016 0944
Anthracene	ND		1	330	ug/kg	08/30/2016 0944
Atrazine	ND		1	330	ug/kg	08/30/2016 0944
Benzaldehyde	ND		1	830	ug/kg	08/30/2016 0944
Benzo(a)anthracene	ND		1	330	ug/kg	08/30/2016 0944
Benzo(a)pyrene	ND		1	330	ug/kg	08/30/2016 0944
Benzo(b)fluoranthene	ND		1	330	ug/kg	08/30/2016 0944
Benzo(g,h,i)perylene	ND		1	330	ug/kg	08/30/2016 0944
Benzo(k)fluoranthene	ND		1	330	ug/kg	08/30/2016 0944
bis (2-Chloro-1-methylethyl) ether	ND		1	330	ug/kg	08/30/2016 0944
bis(2-Chloroethoxy)methane	ND		1	330	ug/kg	08/30/2016 0944
bis(2-Chloroethyl)ether	ND		1	330	ug/kg	08/30/2016 0944
bis(2-Ethylhexyl)phthalate	ND		1	330	ug/kg	08/30/2016 0944
Butyl benzyl phthalate	ND		1	330	ug/kg	08/30/2016 0944
Caprolactam	ND		1	830	ug/kg	08/30/2016 0944
Carbazole	ND		1	330	ug/kg	08/30/2016 0944
Chrysene	ND		1	330	ug/kg	08/30/2016 0944
Di-n-butyl phthalate	ND		1	330	ug/kg	08/30/2016 0944

QL = Practical quantitation limit
D = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
/here applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

lote: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MB

Sample ID: RQ20899-001
Batch: 20899
Analytical Method: 8270D

Matrix: Solid
Prep Method: 3550C
Prep Date: 08/29/2016 2356

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Di-n-octylphthalate	ND		1	330	ug/kg	08/30/2016 0944
Dibenzo(a,h)anthracene	ND		1	330	ug/kg	08/30/2016 0944
Dibenzofuran	ND		1	330	ug/kg	08/30/2016 0944
Diethylphthalate	ND		1	330	ug/kg	08/30/2016 0944
Dimethyl phthalate	ND		1	330	ug/kg	08/30/2016 0944
Fluoranthene	ND		1	330	ug/kg	08/30/2016 0944
Fluorene	ND		1	330	ug/kg	08/30/2016 0944
Hexachlorobenzene	ND		1	330	ug/kg	08/30/2016 0944
Hexachlorobutadiene	ND		1	330	ug/kg	08/30/2016 0944
Hexachlorocyclopentadiene	ND		1	830	ug/kg	08/30/2016 0944
Hexachloroethane	ND		1	330	ug/kg	08/30/2016 0944
Indeno(1,2,3-c,d)pyrene	ND		1	330	ug/kg	08/30/2016 0944
Isophorone	ND		1	330	ug/kg	08/30/2016 0944
N-Nitrosodi-n-propylamine	ND		1	330	ug/kg	08/30/2016 0944
N-Nitrosodiphenylamine (Diphenylamine)	ND		1	330	ug/kg	08/30/2016 0944
Naphthalene	ND		1	330	ug/kg	08/30/2016 0944
Nitrobenzene	ND		1	330	ug/kg	08/30/2016 0944
Pentachlorophenol	ND		1	830	ug/kg	08/30/2016 0944
Phenanthrene	ND		1	330	ug/kg	08/30/2016 0944
Phenol	ND		1	330	ug/kg	08/30/2016 0944
Pyrene	ND		1	330	ug/kg	08/30/2016 0944

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		61	30-117
2-Fluorobiphenyl		72	33-102
2-Fluorophenol		71	28-104
Nitrobenzene-d5		78	22-109
Phenol-d5		78	27-103
Terphenyl-d14		84	41-120

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - LCS

Sample ID: RQ20899-002
Batch: 20899
Analytical Method: 8270D

Matrix: Solid
Prep Method: 3550C
Prep Date: 08/29/2016 2356

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
1,1'-Biphenyl	1700	1100		1	66	49-110	08/30/2016 1008
2,4,5-Trichlorophenol	1700	1100		1	67	46-122	08/30/2016 1008
2,4,6-Trichlorophenol	1700	1100		1	65	38-115	08/30/2016 1008
2,4-Dichlorophenol	3300	2100		1	62	41-113	08/30/2016 1008
2,4-Dimethylphenol	1700	1300		1	75	33-123	08/30/2016 1008
2,4-Dinitrophenol	1700	970		1	58	45-127	08/30/2016 1008
2,4-Dinitrotoluene	1700	1400		1	81	48-124	08/30/2016 1008
2,6-Dinitrotoluene	1700	1200		1	73	47-125	08/30/2016 1008
2-Chloronaphthalene	1700	1100		1	64	31-127	08/30/2016 1008
2-Chlorophenol	1700	1100		1	64	37-106	08/30/2016 1008
2-Methylnaphthalene	1700	1000		1	62	40-106	08/30/2016 1008
2-Methylphenol	1700	1300		1	76	32-107	08/30/2016 1008
2-Nitroaniline	1700	1300		1	77	45-123	08/30/2016 1008
2-Nitrophenol	1700	1000		1	63	35-108	08/30/2016 1008
3+4-Methylphenol	1700	1100		1	69	39-108	08/30/2016 1008
3,3'-Dichlorobenzidine	1700	1200		1	75	46-113	08/30/2016 1008
3-Nitroaniline	1700	1200		1	73	24-127	08/30/2016 1008
4,6-Dinitro-2-methylphenol	1700	1300		1	80	40-130	08/30/2016 1008
4-Bromophenyl phenyl ether	1700	1100		1	69	46-118	08/30/2016 1008
4-Chloro-3-methyl phenol	1700	1300		1	78	49-118	08/30/2016 1008
4-Chloroaniline	1700	1600		1	96	10-125	08/30/2016 1008
4-Chlorophenyl phenyl ether	1700	1100		1	65	47-116	08/30/2016 1008
4-Nitroaniline	1700	1400		1	85	48-127	08/30/2016 1008
4-Nitrophenol	3300	3300		1	100	18-154	08/30/2016 1008
Acenaphthene	1700	1200		1	72	46-114	08/30/2016 1008
Acenaphthylene	1700	1200		1	74	44-122	08/30/2016 1008
Acetophenone	1700	1000		1	60	48-111	08/30/2016 1008
Anthracene	1700	1300		1	81	50-119	08/30/2016 1008
Atrazine	1700	1300		1	76	48-116	08/30/2016 1008
Benzaldehyde	1700	1200		1	71	40-117	08/30/2016 1008
Benzo(a)anthracene	1700	1300		1	80	47-121	08/30/2016 1008
Benzo(a)pyrene	1700	1400		1	85	55-134	08/30/2016 1008
Benzo(b)fluoranthene	1700	1400		1	81	28-139	08/30/2016 1008
Benzo(g,h,i)perylene	1700	1300		1	78	36-125	08/30/2016 1008
Benzo(k)fluoranthene	1700	1400		1	82	47-130	08/30/2016 1008
bis (2-Chloro-1-methylethyl) ether	1700	1300		1	75	31-102	08/30/2016 1008
bis(2-Chloroethoxy)methane	1700	1100		1	68	39-108	08/30/2016 1008
bis(2-Chloroethyl)ether	1700	1300		1	76	32-105	08/30/2016 1008
bis(2-Ethylhexyl)phthalate	1700	1400		1	87	45-128	08/30/2016 1008
Butyl benzyl phthalate	1700	1600		1	95	46-128	08/30/2016 1008
Caprolactam	1700	1600		1	95	43-121	08/30/2016 1008
Carbazole	1700	1300		1	80	47-128	08/30/2016 1008
Chrysene	1700	1300		1	80	45-126	08/30/2016 1008
Di-n-butyl phthalate	1700	1500		1	89	51-129	08/30/2016 1008

QL = Practical quantitation limit
D = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

/here applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

lote: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - LCS

Sample ID: RQ20899-002
Batch: 20899
Analytical Method: 8270D

Matrix: Solid
Prep Method: 3550C
Prep Date: 08/29/2016 2356

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Di-n-octylphthalate	1700	1300		1	81	49-142	08/30/2016 1008
Dibenzo(a,h)anthracene	1700	1400		1	83	45-122	08/30/2016 1008
Dibenzofuran	1700	1100		1	68	45-112	08/30/2016 1008
Diethylphthalate	1700	1400		1	81	49-123	08/30/2016 1008
Dimethyl phthalate	1700	1200		1	75	48-120	08/30/2016 1008
Fluoranthene	1700	1300		1	77	50-123	08/30/2016 1008
Fluorene	1700	1200		1	69	48-117	08/30/2016 1008
Hexachlorobenzene	1700	1300		1	76	44-122	08/30/2016 1008
Hexachlorobutadiene	1700	970		1	58	33-103	08/30/2016 1008
Hexachlorocyclopentadiene	8300	3900		1	46	18-121	08/30/2016 1008
Hexachloroethane	1700	1100		1	64	30-96	08/30/2016 1008
Indeno(1,2,3-c,d)pyrene	1700	1400		1	85	45-123	08/30/2016 1008
Isophorone	1700	1200		1	70	41-113	08/30/2016 1008
N-Nitrosodi-n-propylamine	1700	1300		1	80	32-115	08/30/2016 1008
N-Nitrosodiphenylamine (Diphenylamine)	1700	1300		1	80	53-150	08/30/2016 1008
Naphthalene	1700	1100		1	65	36-110	08/30/2016 1008
Nitrobenzene	1700	1300		1	75	33-114	08/30/2016 1008
Pentachlorophenol	3300	2100		1	62	27-138	08/30/2016 1008
Phenanthrene	1700	1300		1	77	49-117	08/30/2016 1008
Phenol	1700	1100		1	65	36-108	08/30/2016 1008
Pyrene	1700	1400		1	87	47-119	08/30/2016 1008

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		69	30-117
2-Fluorobiphenyl		63	33-102
2-Fluorophenol		59	28-104
Nitrobenzene-d5		72	22-109
Phenol-d5		65	27-103
Terphenyl-d14		80	41-120

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

PCBs by GC - MB

Sample ID: RQ20900-001 **Matrix:** Solid
Batch: 20900 **Prep Method:** 3546 **Cleanup:** 3660B/3665A
Analytical Method: 8082A **Prep Date:** 08/29/2016 1840

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Aroclor 1016	ND		1	10	ug/kg	08/30/2016 1039
Aroclor 1221	ND		1	10	ug/kg	08/30/2016 1039
Aroclor 1232	ND		1	10	ug/kg	08/30/2016 1039
Aroclor 1242	ND		1	10	ug/kg	08/30/2016 1039
Aroclor 1248	ND		1	10	ug/kg	08/30/2016 1039
Aroclor 1254	ND		1	10	ug/kg	08/30/2016 1039
Aroclor 1260	ND		1	10	ug/kg	08/30/2016 1039

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		97	41-132
Tetrachloro-m-xylene		91	35-106

QL = Practical quantitation limit
D = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
/here applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

lote: Calculations are performed before rounding to avoid round-off errors in calculated results

PCBs by GC - LCS

Sample ID: RQ20900-002
Batch: 20900
Analytical Method: 8082A

Matrix: Solid
Prep Method: 3546
Prep Date: 08/29/2016 1840
Cleanup: 3660B/3665A

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Aroclor 1016	100	130		1	130	70-130	08/30/2016 1052
Aroclor 1260	100	110		1	111	70-130	08/30/2016 1052

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		95	41-132
Tetrachloro-m-xylene		91	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - MB

Sample ID: RQ20904-001
Batch: 20904
Analytical Method: 8081B

Matrix: Solid
Prep Method: 3546
Prep Date: 08/29/2016 1840

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
4,4'-DDD	ND		1	1.0	ug/kg	08/30/2016 1415
4,4'-DDE	ND		1	1.0	ug/kg	08/30/2016 1415
4,4'-DDT	ND		1	1.0	ug/kg	08/30/2016 1415
Aldrin	ND		1	1.0	ug/kg	08/30/2016 1415
alpha-BHC	ND		1	1.0	ug/kg	08/30/2016 1415
beta-BHC	ND		1	1.0	ug/kg	08/30/2016 1415
Chlordane	ND		1	2.0	ug/kg	08/30/2016 1415
cis-Chlordane	ND		1	1.0	ug/kg	08/30/2016 1415
delta-BHC	ND		1	1.0	ug/kg	08/30/2016 1415
Dieldrin	ND		1	1.0	ug/kg	08/30/2016 1415
Endosulfan I	ND		1	1.0	ug/kg	08/30/2016 1415
Endosulfan II	ND		1	1.0	ug/kg	08/30/2016 1415
Endosulfan sulfate	ND		1	1.0	ug/kg	08/30/2016 1415
Endrin	ND		1	1.0	ug/kg	08/30/2016 1415
Endrin aldehyde	ND		1	1.0	ug/kg	08/30/2016 1415
Endrin ketone	ND		1	1.0	ug/kg	08/30/2016 1415
gamma-BHC (Lindane)	ND		1	1.0	ug/kg	08/30/2016 1415
Heptachlor	ND		1	1.0	ug/kg	08/30/2016 1415
Heptachlor epoxide	ND		1	1.0	ug/kg	08/30/2016 1415
Methoxychlor	ND		1	4.0	ug/kg	08/30/2016 1415
Toxaphene	ND		1	10	ug/kg	08/30/2016 1415
trans-Chlordane	ND		1	1.0	ug/kg	08/30/2016 1415

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		98	57-110
Tetrachloro-m-xylene		85	37-91

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - LCS

Sample ID: RQ20904-002 **Matrix:** Solid
Batch: 20904 **Prep Method:** 3546
Analytical Method: 8081B **Prep Date:** 08/29/2016 1840

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
4,4'-DDD	20	21		1	105	70-130	08/30/2016 1430
4,4'-DDE	20	22		1	108	70-130	08/30/2016 1430
4,4'-DDT	20	22		1	109	70-130	08/30/2016 1430
Aldrin	20	20		1	101	70-130	08/30/2016 1430
alpha-BHC	20	20		1	100	70-130	08/30/2016 1430
beta-BHC	20	20		1	98	70-130	08/30/2016 1430
cis-Chlordane	20	20		1	100	70-130	08/30/2016 1430
delta-BHC	20	18		1	92	50-150	08/30/2016 1430
Dieldrin	20	21		1	105	70-130	08/30/2016 1430
Endosulfan I	20	19		1	94	70-130	08/30/2016 1430
Endosulfan II	20	19		1	94	70-130	08/30/2016 1430
Endosulfan sulfate	20	21		1	107	70-130	08/30/2016 1430
Endrin	20	21		1	104	70-130	08/30/2016 1430
Endrin aldehyde	20	17		1	87	70-130	08/30/2016 1430
Endrin ketone	20	21		1	105	70-130	08/30/2016 1430
gamma-BHC (Lindane)	20	21		1	103	70-130	08/30/2016 1430
Heptachlor	20	20		1	102	70-130	08/30/2016 1430
Heptachlor epoxide	20	20		1	99	70-130	08/30/2016 1430
Methoxychlor	20	21		1	107	70-130	08/30/2016 1430
trans-Chlordane	20	20		1	101	70-130	08/30/2016 1430

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		103	57-110
Tetrachloro-m-xylene		87	37-91

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

PCBs by GC - MB

Sample ID: RQ21021-001
Batch: 21021
Analytical Method: 8082A

Matrix: Solid
Prep Method: 3546
Prep Date: 08/30/2016 2147

Cleanup: 3660B/3665A

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Aroclor 1016	ND		1	10	ug/kg	08/31/2016 1646
Aroclor 1221	ND		1	10	ug/kg	08/31/2016 1646
Aroclor 1232	ND		1	10	ug/kg	08/31/2016 1646
Aroclor 1242	ND		1	10	ug/kg	08/31/2016 1646
Aroclor 1248	ND		1	10	ug/kg	08/31/2016 1646
Aroclor 1254	ND		1	10	ug/kg	08/31/2016 1646
Aroclor 1260	ND		1	10	ug/kg	08/31/2016 1646

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		58	41-132
Tetrachloro-m-xylene		56	35-106

QL = Practical quantitation limit
ID = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

PCBs by GC - LCS

Sample ID: RQ21021-002
Batch: 21021
Analytical Method: 8082A

Matrix: Solid
Prep Method: 3546
Prep Date: 08/30/2016 2147
Cleanup: 3660B/3665A

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Aroclor 1016	100	110		1	107	70-130	08/31/2016 1659
Aroclor 1260	100	110		1	108	70-130	08/31/2016 1659

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		92	41-132
Tetrachloro-m-xylene		90	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TAL Metals - MB

Sample ID: RQ20636-001
Batch: 20636
Analytical Method: 6010C

Matrix: Solid
Prep Method: 3050B
Prep Date: 08/25/2016 1047

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Aluminum	ND		1	20	mg/kg	08/26/2016 1427
Antimony	ND		1	1.0	mg/kg	08/26/2016 1427
Arsenic	ND		1	0.75	mg/kg	08/26/2016 1427
Barium	ND		1	1.3	mg/kg	08/26/2016 1427
Beryllium	ND		1	0.25	mg/kg	08/26/2016 1427
Cadmium	ND		1	0.25	mg/kg	08/26/2016 1427
Calcium	ND		1	250	mg/kg	08/26/2016 1427
Chromium	ND		1	0.50	mg/kg	08/26/2016 1427
Cobalt	ND		1	1.3	mg/kg	08/26/2016 1427
Copper	ND		1	0.50	mg/kg	08/26/2016 1427
Iron	ND		1	5.0	mg/kg	08/26/2016 1427
Lead	ND		1	0.50	mg/kg	08/26/2016 1427
Magnesium	ND		1	250	mg/kg	08/26/2016 1427
Manganese	ND		1	0.75	mg/kg	08/26/2016 1427
Nickel	ND		1	2.0	mg/kg	08/26/2016 1427
Potassium	ND		1	250	mg/kg	08/26/2016 1427
Selenium	ND		1	1.0	mg/kg	08/26/2016 1427
Silver	ND		1	0.50	mg/kg	08/26/2016 1427
Sodium	ND		1	250	mg/kg	08/26/2016 1427
Thallium	ND		1	2.5	mg/kg	08/26/2016 1427
Vanadium	ND		1	2.5	mg/kg	08/26/2016 1427
Zinc	ND		1	2.5	mg/kg	08/26/2016 1427

QL = Practical quantitation limit
D = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

here applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

ote: Calculations are performed before rounding to avoid round-off errors in calculated results

TAL Metals - LCS

Sample ID: RQ20636-002
Batch: 20636
Analytical Method: 6010C

Matrix: Solid
Prep Method: 3050B
Prep Date: 08/25/2016 1047

Parameter	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Aluminum	1000	980		1	98	80-120	08/26/2016 1432
Antimony	50	46		1	93	80-120	08/26/2016 1432
Arsenic	250	250		1	100	80-120	08/26/2016 1432
Barium	500	500		1	101	80-120	08/26/2016 1432
Beryllium	100	98		1	98	80-120	08/26/2016 1432
Cadmium	50	46		1	91	80-120	08/26/2016 1432
Calcium	2000	2000		1	98	80-120	08/26/2016 1432
Chromium	250	250		1	100	80-120	08/26/2016 1432
Cobalt	100	100		1	101	80-120	08/26/2016 1432
Copper	100	100		1	101	80-120	08/26/2016 1432
Iron	1000	980		1	98	80-120	08/26/2016 1432
Lead	250	250		1	101	80-120	08/26/2016 1432
Magnesium	2000	2000		1	98	80-120	08/26/2016 1432
Manganese	100	100		1	101	80-120	08/26/2016 1432
Nickel	100	100		1	102	80-120	08/26/2016 1432
Potassium	2000	2000		1	99	80-120	08/26/2016 1432
Selenium	50	48		1	97	80-120	08/26/2016 1432
Silver	50	49		1	97	80-120	08/26/2016 1432
Sodium	2000	2000		1	98	80-120	08/26/2016 1432
Thallium	40	41		1	102	80-120	08/26/2016 1432
Vanadium	100	98		1	98	80-120	08/26/2016 1432
Zinc	100	100		1	100	80-120	08/26/2016 1432

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TAL Metals - MB

Sample ID: RQ20777-001
Batch: 20777
Analytical Method: 7471B

Matrix: Solid
Prep Method: 7471B
Prep Date: 08/29/2016 1149

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Mercury	ND		1	0.083	mg/kg	08/29/2016 1452

QL = Practical quantitation limit
D = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
here applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

ote: Calculations are performed before rounding to avoid round-off errors in calculated results

TAL Metals - LCS

Sample ID: RQ20777-002
Batch: 20777
Analytical Method: 7471B

Matrix: Solid
Prep Method: 7471B
Prep Date: 08/29/2016 1149

Parameter	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Mercury	0.83	0.90		1	108	80-120	08/29/2016 1454

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculat ·d results

Chain of Custody
and
Miscellaneous Documents

SHEALY **Chain of Custody Record**

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive • West Columbia, SC 29172
Telephone No. 803-791-9700 Fax No. 803-791-9111
www.shealylab.com

Number 63881

Client: SYNTERRA
Report to Contact: HOWARD FRANK
Telephone No. / E-mail: hfrank@synterracorp.com
Quote No.:
Address: 148 RIVER ST SUITE 820
Sampler's Signature: X [signature]
Printed Name:
Analysis (Attach list if more space is needed):
Page 1 of 2
City: GREENVILLE State: SC Zip Code: 29601
Project Name: FORMER BURLINGTON LAGOON
Project No.: 1112.11
P.O. No.:

RH24015

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	Grab/Composite	Matrix: Aqueous	Matrix: Soil	Matrix: Non-Aqueous	No of Containers by Preservative Type: Unpres.	H2SO4	HNO3	HCl	NaOH	NaOH/ZnAc	PCBs	[illegible]	[illegible]	[illegible]	TCL/TAL	SVOC/PFST				Remarks / Cooler I.D.
BL-DS-06	8-22-16	1150	G		X		X						X									
BL-DS-09	8-22-16	1453	G		X		X						X				X					
BL-SD-09	8-22-16	1448	G		X		X						X									
BL-SD-05	8-22-16	1200	G		X		X						X									
BL-DS-13	8-22-16	1537	G		X		X						X									
BL-SD-13	8-22-16	1532	G		X		X						X									
BL-SD-16	8-22-16	1603	G		X		X						X									
BL-SD-01	8-22-16	1141	G		X		X						X									
BL-SD-04	8-22-16	1226	G		X		X						X				X					
BL-DS-18	8-22-16	1648	G		X		X						X									

Turn Around Time Required (Prior lab approval required for expedited TAT.): ☑ Standard ☐ Rush (Specify)
Sample Disposal: ☐ Return to Client ☑ Disposal by Lab
Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown
QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished by: [signature]	08/20/16	0735	1. Received by: [signature]	8/24/16	0735
2. Relinquished by: [signature]	08/24/16	0834	2. Received by:		
3. Relinquished by:			3. Received by:		
4. Relinquished by:			4. Laboratory received by: [signature]	8/24/16	0834

Note: All samples are retained for four weeks from receipt unless other arrangements are made.

LAB USE ONLY
Received on ice (Circle) Yes No Ice Pack Receipt Temp 7.0 °C

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

Document Number: F-AD-133 Effective Date: 08-01-2014

SHEALY

Chain of Custody Record

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive • West Columbia, SC 29172
Telephone No. 803-791-9700 Fax No. 803-791-9111
www.shealylab.com

Number 63883

Client: SYNTERRA	Report to Contact: HOWARD FRANK	Telephone No. / E-mail: hfrank@synterra-corp.com	Quote No.
Address: 148 RIVER ST SUITE 220	Sampler's Signature: X [signature]	Analysis (Attach list if more space is needed)	Page 2 of 2
City: GREENVILLE; State: SC; Zip Code: 29601	Printed Name		RH24015
Project Name: FORMER BURLINGTON LAGOON			
Project No.: 1112.11	P.O. No.		

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	Qty Unit Composite	Matrix: Aqueous	Matrix: Solid	Matrix: Non-Aqueous	No. of Containers by Preservative Type: Unpres.	HCl	HNO3	HCl	NaOH	NaOH	PCBs	SVOC/PEST	TCL/TAL	Remarks / Cooler I.D.
BL-DS-14	RCP 8-22-16 ~~8-23-16~~	1550	G		X		X						X			
BL-SD-01B	8/23/16	740	G		X		X						X	X	X	
BL-DS-01B	8/23/16	746	G		X		X						X	X	X	
BL-DS-04-D	8/22/16	1235	G		X		X						X	X	X	
BL-DS-04	8/22/16	1235	G		X		X						X	X	X	
BL-SD-06	8/22/16	1140	G		X		X						X	X	X	
BL-SD-18	8/22/16	1643	G		X		X						X	X	X	
BL-SD-19	8/22/16	1520	G		X		X						X	X	X	
BL-DS-19	8/22/16	1525	G		X		X						X	X	X	

Turn Around Time Required (Prior lab approval required for expedited TAT.)	Sample Disposal	Possible Hazard Identification	QC Requirements (Specify)
☒ Standard ☐ Rush (Specify)	☐ Return to Client ☒ Disposal by Lab	☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown	

	Date	Time		Date	Time
1. Relinquished by: Stephen C Bendt	08/24/16	0735	1. Received by: [signature]	8/24/16	0735
2. Relinquished by: [signature]	8/24/16	0834	2. Received by		
3. Relinquished by			3. Received by		
4. Relinquished by			4. Laboratory received by: [signature]	8/24/16	0834

Note: All samples are retained for four weeks from receipt unless other arrangements are made.

LAB USE ONLY
Received on Ice (Circle) Yes No Ice Pack
Receipt Temp. 7.8 °C

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

Document Number: F-AD-133 Effective Date: 08-01-2014

Shealy Environmental Services, Inc.
Document Number: ME0018C-04

Page 1 of 1
Effective Date: 02/05/2016
Expiry Date: 02/05/2021

Sample Receipt Checklist (SRC)

Client: Synterra Cooler Inspected by/date: Mam 08/24/16 Lot #: RH24015

Means of receipt: ☐ SESI ☑ Client ☐ UPS ☐ FedEx ☐ Other

Yes ☐	No ☑		1. Were custody seals present on the cooler?
Yes ☐	No ☐	NA ☑	2. If custody seals were present, were they intact and unbroken?

pH strip ID: _____ Cl strip ID: _____

Cooler ID/Original temperature upon receipt/Derived (corrected) temperature upon receipt:
AB/AB °C ___/___/___ °C ___/___/___ °C ___/___/___ °C

Method: ☑ Temperature Blank ☐ Against Bottles IR Gun ID: 6 IR Gun Correction Factor: 0 °C

Method of coolant: ☑ Wet Ice ☐ Blue Ice ☐ Dry Ice ☐ None

Yes ☑	No ☐	NA ☐	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM was notified by: phone / email / face-to-face (circle one). *
Yes ☐	No ☐	NA ☑	4. Is the commercial courier's packing slip attached to this form?
Yes ☑	No ☐		5. Were proper custody procedures (relinquished/received) followed?
Yes ☑	No ☐		6. Were sample IDs listed on the COC?
Yes ☑	No ☐		7. Were sample IDs listed on all sample containers?
Yes ☑	No ☐		8. Was collection date & time listed on the COC?
Yes ☑	No ☐		9. Was collection date & time listed on all sample containers?
Yes ☑	No ☐		10. Did all container label information (ID, date, time) agree with the COC?
Yes ☑	No ☐		11. Were tests to be performed listed on the COC?
Yes ☑	No ☐		12. Did all samples arrive in the proper containers for each test and/or in good condition (unbroken, lids on, etc.)?
Yes ☑	No ☐		13. Was adequate sample volume available?
Yes ☑	No ☐		14. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes ☐	No ☑		15. Were any samples containers missing/excess (circle one) samples not listed on COC?
Yes ☐	No ☐	NA ☑	16. Were bubbles present >"pea-size" (¼"or 6mm in diameter) in any VOA vials?
Yes ☐	No ☐	NA ☑	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes ☐	No ☐	NA ☑	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes ☐	No ☐	NA ☑	19. Were all applicable NH3/TKN/cyanide/phenol (<0.2mg/L) samples free of residual chlorine?
Yes ☐	No ☐	NA ☑	20. Were collection temperatures documented on the COC for NC samples?
Yes ☐	No ☐	NA ☑	21. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations, etc…) correctly transcribed from the COC into the comment section in LIMS?
Yes ☑	No ☐	N/A	22. Was the quote number used taken from the container label?

Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)

Sample(s) _____ were received incorrectly preserved and were adjusted accordingly in sample receiving with _____ (H_2SO_4, HNO3, HCl, NaOH) using SR # _____.

Sample(s) _____ were received with bubbles >6 mm in diameter.

Samples(s) _____ were received with TRC >0.2 mg/L (If #21 is No) and were adjusted accordingly in sample receiving with sodium thiosulfate ($Na_2S_2O_3$) with Shealy ID: _____.

SC Drinking Water Project Sample(s) pH verified to be >2 by _____ Date: _____

Sample(s) _____ were not received at a pH of <2 and were adjusted accordingly using SR# _____

Sample labels applied by: Mam Verified by: _____ Date: 8/24/16

Comments: *Client notified via email 8/24/16. KMN

SHEALY ENVIRONMENTAL SERVICES, INC.

Report of Analysis

synTerra
INNOVATE
148 River Street, Suite 220
Greenville, SC 29601
Attention: Howard Frank

Project Name: **Burlington Lagoon Site**

Project Number: **1112.11**

Lot Number: **RH25003**

Date Completed: **09/09/2016**

Kelly M. Nance
Project Manager

LABORATORY ACCREDITATION BUREAU ACCREDITED

This report shall not be reproduced, except in its entirety, without the written approval of Shealy Environmental Services, Inc.

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

Case Narrative
synTerra
Lot Number: RH25003

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

All results listed in this report relate only to the samples that are contained within this report.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

GC/MS Volatiles
The initial calibration verification for batch 20754 had dichlorodifluoromethane recovered outside of the acceptance limits. Results for this compound in the samples associated with this batch should be considered estimated.

Batch 20754 did not include a MS/MSD or duplicate to an instrument error.

Pesticides
Due to high detections for target compounds, sample -006 was diluted 500x. As a result, the associated surrogates were recovered outside of the acceptance limits. No corrective action was required, as dilutions of 5x and greater may impact surrogate recoveries.

PCBs
Due to high detections for target compounds, samples -001, -002, -004 and -006 were diluted 5000x, 500x, 1000x and 5000x, respectively. As a result, the associated surrogates were recovered outside of the acceptance limits. No corrective action was required, as dilutions of 5x and greater may impact surrogate recoveries.

Sample Summary
synTerra
Lot Number: RH25003

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	BL-SS-28	Solid	08/23/2016 1115	08/25/2016
002	BL-SS-27D	Solid	08/24/2016 0750	08/25/2016
003	BL-SB-36	Solid	08/24/2016 1320	08/25/2016
004	BL-SB-28	Solid	08/23/2016 1120	08/25/2016
005	BL-SS-39	Solid	08/24/2016 1433	08/25/2016
006	BL-WA-3	Solid	08/24/2016 1607	08/25/2016
007	BL-SS-67	Solid	08/24/2016 1614	08/25/2016

(7 samples)

Executive Summary
synTerra
Lot Number: RH25003

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	BL-SS-28	Solid	Aroclor 1248	8082A	1500000		ug/kg	5
001	BL-SS-28	Solid	Aroclor 1254	8082A	1300000		ug/kg	5
002	BL-SS-27D	Solid	Aroclor 1248	8082A	68000		ug/kg	6
002	BL-SS-27D	Solid	Aroclor 1254	8082A	37000		ug/kg	6
004	BL-SB-28	Solid	Aroclor 1248	8082A	82000		ug/kg	8
004	BL-SB-28	Solid	Aroclor 1254	8082A	67000		ug/kg	8
005	BL-SS-39	Solid	Aroclor 1248	8082A	20		ug/kg	9
005	BL-SS-39	Solid	Aroclor 1254	8082A	27		ug/kg	9
006	BL-WA-3	Solid	bis(2-Ethylhexyl)phthalate	8270D	2800		ug/kg	11
006	BL-WA-3	Solid	Aroclor 1248	8082A	750000		ug/kg	12
006	BL-WA-3	Solid	gamma-BHC (Lindane)	8081B	1400	P	ug/kg	12
006	BL-WA-3	Solid	delta-BHC	8081B	910	P	ug/kg	12
006	BL-WA-3	Solid	trans-Chlordane	8081B	4500	P	ug/kg	12
006	BL-WA-3	Solid	4,4'-DDE	8081B	5700		ug/kg	12
006	BL-WA-3	Solid	4,4'-DDT	8081B	3600		ug/kg	12
006	BL-WA-3	Solid	Dieldrin	8081B	10000		ug/kg	12
006	BL-WA-3	Solid	Endosulfan II	8081B	1100	P	ug/kg	13
006	BL-WA-3	Solid	Endrin	8081B	1500		ug/kg	13
006	BL-WA-3	Solid	Endrin aldehyde	8081B	680		ug/kg	13
006	BL-WA-3	Solid	Endrin ketone	8081B	600		ug/kg	13
006	BL-WA-3	Solid	Heptachlor	8081B	8700	P	ug/kg	13
006	BL-WA-3	Solid	Heptachlor epoxide	8081B	1500	P	ug/kg	13
006	BL-WA-3	Solid	Aluminum	6010C	4700		mg/kg	13
006	BL-WA-3	Solid	Antimony	6010C	59		mg/kg	13
006	BL-WA-3	Solid	Barium	6010C	2000		mg/kg	13
006	BL-WA-3	Solid	Cadmium	6010C	21		mg/kg	13
006	BL-WA-3	Solid	Calcium	6010C	1200		mg/kg	13
006	BL-WA-3	Solid	Chromium	6010C	1800		mg/kg	13
006	BL-WA-3	Solid	Copper	6010C	1100		mg/kg	13
006	BL-WA-3	Solid	Iron	6010C	13000		mg/kg	13
006	BL-WA-3	Solid	Lead	6010C	1100		mg/kg	13
006	BL-WA-3	Solid	Manganese	6010C	8.2		mg/kg	13
006	BL-WA-3	Solid	Mercury	7471B	1.7		mg/kg	13
006	BL-WA-3	Solid	Nickel	6010C	5.4		mg/kg	13
006	BL-WA-3	Solid	Vanadium	6010C	6.4		mg/kg	14
006	BL-WA-3	Solid	Zinc	6010C	3200		mg/kg	14
007	BL-SS-67	Solid	Acetone	8260B	94		ug/kg	15

(37 detections)

Client: **synTerra**
Description: **BL-SS-28**
Date Sampled: **08/23/2016 1115**
Date Received: **08/25/2016**

Laboratory ID: **RH25003-001**
Matrix: **Solid**
% Solids: **90.8** **08/25/2016 2155**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	5000	08/31/2016 2351	MEM	08/30/2016 2147	21021

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		54000	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		54000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		54000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		54000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**1500000**		**54000**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**1300000**		**54000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		54000	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	855	41-132
Tetrachloro-m-xylene		37	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-27D**
Date Sampled: **08/24/2016 0750**
Date Received: **08/25/2016**

Laboratory ID: **RH25003-002**
Matrix: **Solid**
% Solids: **85.8** **08/25/2016 2155**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	500	09/01/2016 0004	MEM	08/30/2016 2147	21021

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aroclor 1016	12674-11-2	8082A	ND		5700	ug/kg
Aroclor 1221	11104-28-2	8082A	ND		5700	ug/kg
Aroclor 1232	11141-16-5	8082A	ND		5700	ug/kg
Aroclor 1242	53469-21-9	8082A	ND		5700	ug/kg
Aroclor 1248	**12672-29-6**	**8082A**	**68000**		**5700**	**ug/kg**
Aroclor 1254	**11097-69-1**	**8082A**	**37000**		**5700**	**ug/kg**
Aroclor 1260	11096-82-5	8082A	ND		5700	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		126	41-132
Tetrachloro-m-xylene	N	116	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synterra**
Description: **BL-SB-36**
Date Sampled: **08/24/2016 1320**
Date Received: **08/25/2016**

Laboratory ID: **RH25003-003**
Matrix: **Solid**
% Solids: **85.1** **08/25/2016 2155**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	08/31/2016 2324	MEM	08/30/2016 2147	21021

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		12	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		12	ug/kg	1
Aroclor 1248	12672-29-6	8082A	ND		12	ug/kg	1
Aroclor 1254	11097-69-1	8082A	ND		12	ug/kg	1
Aroclor 1260	11096-82-5	8082A	ND		12	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		75	41-132
Tetrachloro-m-xylene		73	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synterra**
Description: **BL-SB-28**
Date Sampled: **08/23/2016 1120**
Date Received: **08/25/2016**

Laboratory ID: **RH25003-004**
Matrix: **Solid**
% Solids: **93.9** **08/25/2016 2155**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1000	09/01/2016 0017	MEM	08/30/2016 2147	21021

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aroclor 1016	12674-11-2	8082A	ND		10000	ug/kg
Aroclor 1221	11104-28-2	8082A	ND		10000	ug/kg
Aroclor 1232	11141-16-5	8082A	ND		10000	ug/kg
Aroclor 1242	53469-21-9	8082A	ND		10000	ug/kg
Aroclor 1248	**12672-29-6**	**8082A**	**82000**		**10000**	**ug/kg**
Aroclor 1254	**11097-69-1**	**8082A**	**67000**		**10000**	**ug/kg**
Aroclor 1260	11096-82-5	8082A	ND		10000	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	172	41-132
Tetrachloro-m-xylene		50	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Shealy Environmental Services, Inc.
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Client: **SynTerra**
Description: **BL-SS-39**
Date Sampled: **08/24/2016 1433**
Date Received: **08/25/2016**

Laboratory ID: **RH25003-005**
Matrix: **Solid**
% Solids: **95.5** **08/25/2016 2155**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	08/31/2016 2337	MEM	08/30/2016 2147	21021

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		10	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		10	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		10	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		10	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**20**		**10**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**27**		**10**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		10	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		62	41-132
Tetrachloro-m-xylene		62	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: BL-WA-3
Date Sampled: 08/24/2016 1607
Date Received: 08/25/2016

Laboratory ID: RH25003-006
Matrix: Solid
% Solids: 94.6 08/25/2016 2155

Inorganic non-metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	9012B	(Cyanide - To) 9012B	1	08/30/2016 1818	MJI	08/30/2016 1145	20971

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Cyanide - Total	57-12-5	9012B	ND		0.53	mg/kg

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	5	09/02/2016 1608	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Acenaphthene	83-32-9	8270D	ND		1700	ug/kg
Acenaphthylene	208-96-8	8270D	ND		1700	ug/kg
Acetophenone	98-86-2	8270D	ND		1700	ug/kg
Anthracene	120-12-7	8270D	ND		1700	ug/kg
Atrazine	1912-24-9	8270D	ND		1700	ug/kg
Benzaldehyde	100-52-7	8270D	ND		4300	ug/kg
Benzo(a)anthracene	56-55-3	8270D	ND		1700	ug/kg
Benzo(a)pyrene	50-32-8	8270D	ND		1700	ug/kg
Benzo(b)fluoranthene	205-99-2	8270D	ND		1700	ug/kg
Benzo(g,h,i)perylene	191-24-2	8270D	ND		1700	ug/kg
Benzo(k)fluoranthene	207-08-9	8270D	ND		1700	ug/kg
1,1'-Biphenyl	92-52-4	8270D	ND		1700	ug/kg
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1700	ug/kg
Butyl benzyl phthalate	85-68-7	8270D	ND		1700	ug/kg
Caprolactam	105-60-2	8270D	ND		4300	ug/kg
Carbazole	86-74-8	8270D	ND		1700	ug/kg
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1700	ug/kg
4-Chloroaniline	106-47-8	8270D	ND		1700	ug/kg
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		1700	ug/kg
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1700	ug/kg
bis (2-Chloro-1-methylethyl) ether	108-60-1	8270D	ND		1700	ug/kg
2-Chloronaphthalene	91-58-7	8270D	ND		1700	ug/kg
2-Chlorophenol	95-57-8	8270D	ND		1700	ug/kg
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1700	ug/kg
Chrysene	218-01-9	8270D	ND		1700	ug/kg
Di-n-butyl phthalate	84-74-2	8270D	ND		1700	ug/kg
Di-n-octylphthalate	117-84-0	8270D	ND		1700	ug/kg
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		1700	ug/kg
Dibenzofuran	132-64-9	8270D	ND		1700	ug/kg
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		4300	ug/kg
2,4-Dichlorophenol	120-83-2	8270D	ND		1700	ug/kg
Diethylphthalate	84-66-2	8270D	ND		1700	ug/kg

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-WA-3**
Date Sampled: **08/24/2016 1607**
Date Received: **08/25/2016**

Laboratory ID: **RH25003-006**
Matrix: **Solid**
% Solids: **94.6** **08/25/2016 2155**

Semivola ile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	5	09/02/2016 1608	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Dimethyl phthalate	131-11-3	8270D	ND		1700	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		1700	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		4300	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		4300	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		1700	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		1700	ug/kg	1
bis(2-Ethylhexyl)phthalate	**117-81-7**	**8270D**	**2800**		**1700**	**ug/kg**	**1**
Fluoranthene	206-44-0	8270D	ND		1700	ug/kg	1
Fluorene	86-73-7	8270D	ND		1700	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		1700	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		1700	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		4300	ug/kg	1
Hexachloroethane	67-72-1	8270D	ND		1700	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		1700	ug/kg	1
Isophorone	78-59-1	8270D	ND		1700	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		1700	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		1700	ug/kg	1
3+4-Methylphenol	106-44-5	8270D	ND		3500	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1700	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1700	ug/kg	1
Naphthalene	91-20-3	8270D	ND		1700	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		1700	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		1700	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		1700	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		1700	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		1700	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		4300	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		4300	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		1700	ug/kg	1
Phenol	108-95-2	8270D	ND		1700	ug/kg	1
Pyrene	129-00-0	8270D	ND		1700	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1700	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		1700	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: BL-WA-3
Date Sampled: 08/24/2016 1607
Date Received: 08/25/2016

Laboratory ID: RH25003-006
Matrix: Solid
% Solids: 94.6 08/25/2016 2155

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		35	30-117
2-Fluorobiphenyl		40	33-102
2-Fluorophenol		30	28-104
Nitrobenzene-d5		35	22-109
Phenol-d5		34	27-103
Terphenyl-d14		45	41-120

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	5000	08/31/2016 2258	MEM	08/29/2016 1840	20900

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aroclor 1016	12674-11-2	8082A	ND		53000	ug/kg
Aroclor 1221	11104-28-2	8082A	ND		53000	ug/kg
Aroclor 1232	11141-16-5	8082A	ND		53000	ug/kg
Aroclor 1242	53469-21-9	8082A	ND		53000	ug/kg
Aroclor 1248	**12672-29-6**	**8082A**	**750000**		**53000**	**ug/kg**
Aroclor 1254	11097-69-1	8082A	ND		53000	ug/kg
Aroclor 1260	11096-82-5	8082A	ND		53000	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	599	41-132
Tetrachloro-m-xylene		82	35-106

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	500	08/31/2016 1753	PMS	08/29/2016 1840	20904

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aldrin	309-00-2	8081B	ND		530	ug/kg
gamma-BHC (Lindane)	**58-89-9**	**8081B**	**1400**	**P**	**530**	**ug/kg**
alpha-BHC	319-84-6	8081B	ND		530	ug/kg
beta-BHC	319-85-7	8081B	ND		530	ug/kg
delta-BHC	**319-86-8**	**8081B**	**910**	**P**	**530**	**ug/kg**
Chlordane	57-74-9	8081B	ND		1100	ug/kg
cis-Chlordane	5103-71-9	8081B	ND		530	ug/kg
trans-Chlordane	**5103-74-2**	**8081B**	**4500**	**P**	**530**	**ug/kg**
4,4'-DDD	72-54-8	8081B	ND		530	ug/kg
4,4'-DDE	**72-55-9**	**8081B**	**5700**		**530**	**ug/kg**
4,4'-DDT	**50-29-3**	**8081B**	**3600**		**530**	**ug/kg**
Dieldrin	**60-57-1**	**8081B**	**10000**		**530**	**ug/kg**
Endosulfan I	959-98-8	8081B	ND		530	ug/kg

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-WA-3**
Date Sampled: **08/24/2016 1607**
Date Received: **08/25/2016**

Laboratory ID: **RH25003-006**
Matrix: **Solid**
% Solids: **94.6** **08/25/2016 2155**

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	500	08/31/2016 1753	PMS	08/29/2016 1840	20904

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Endosulfan II	**33213-65-9**	**8081B**	**1100**	**P**	**530**	**ug/kg**	**1**
Endosulfan sulfate	1031-07-8	8081B	ND		530	ug/kg	1
Endrin	**72-20-8**	**8081B**	**1500**		**530**	**ug/kg**	**1**
Endrin aldehyde	**7421-93-4**	**8081B**	**680**		**530**	**ug/kg**	**1**
Endrin ketone	**53494-70-5**	**8081B**	**600**		**530**	**ug/kg**	**1**
Heptachlor	**76-44-8**	**8081B**	**8700**	**P**	**530**	**ug/kg**	**1**
Heptachlor epoxide	**1024-57-3**	**8081B**	**1500**	**P**	**530**	**ug/kg**	**1**
Methoxychlor	72-43-5	8081B	ND		2100	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		5300	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	375	57-110
Tetrachloro-m-xylene	N	0.00	37-91

TAL Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	09/01/2016 0056	CJZ	08/30/2016 1736	20955
1	7471B	7471B	5	08/29/2016 1655	CLM	08/29/2016 1149	20777
2	3050B	6010C	1	09/06/2016 1744	CJZ	09/02/2016 1022	21222
3	3050B	6010C	5	09/06/2016 1759	CJZ	09/02/2016 1022	21222

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aluminum	**7429-90-5**	**6010C**	**4700**		**21**	**mg/kg**	**2**
Antimony	**7440-36-0**	**6010C**	**59**		**5.1**	**mg/kg**	**3**
Arsenic	7440-38-2	6010C	ND		3.9	mg/kg	3
Barium	**7440-39-3**	**6010C**	**2000**		**6.7**	**mg/kg**	**3**
Beryllium	7440-41-7	6010C	ND		0.19	mg/kg	1
Cadmium	**7440-43-9**	**6010C**	**21**		**0.26**	**mg/kg**	**2**
Calcium	**7440-70-2**	**6010C**	**1200**		**260**	**mg/kg**	**2**
Chromium	**7440-47-3**	**6010C**	**1800**		**2.6**	**mg/kg**	**3**
Cobalt	7440-48-4	6010C	ND		1.3	mg/kg	2
Copper	**7440-50-8**	**6010C**	**1100**		**0.51**	**mg/kg**	**2**
Iron	**7439-89-6**	**6010C**	**13000**		**5.1**	**mg/kg**	**2**
Lead	**7439-92-1**	**6010C**	**1100**		**2.6**	**mg/kg**	**3**
Magnesium	7439-95-4	6010C	ND		260	mg/kg	2
Manganese	**7439-96-5**	**6010C**	**8.2**		**0.77**	**mg/kg**	**2**
Mercury	**7439-97-6**	**7471B**	**1.7**		**0.44**	**mg/kg**	**1**
Nickel	**7440-02-0**	**6010C**	**5.4**		**2.1**	**mg/kg**	**2**
Potassium	7440-09-7	6010C	ND		260	mg/kg	2

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: SynTerra
Description: **BL-WA-3**
Date Sampled: **08/24/2016 1607**
Date Received: **08/25/2016**

Laboratory ID: **RH25003-006**
Matrix: **Solid**
% Solids: **94.6** **08/25/2016 2155**

TAL Metals

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3050B	6010C	1	09/01/2016 0056	CJZ	08/30/2016 1736	20955
1	7471B	7471B	5	08/29/2016 1655	CLM	08/29/2016 1149	20777
2	3050B	6010C	1	09/06/2016 1744	CJZ	09/02/2016 1022	21222
3	3050B	6010C	5	09/06/2016 1759	CJZ	09/02/2016 1022	21222

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Selenium	7782-49-2	6010C	ND		1.0	mg/kg
Silver	7440-22-4	6010C	ND		0.51	mg/kg
Sodium	7440-23-5	6010C	ND		260	mg/kg
Thallium	7440-28-0	6010C	ND		2.6	mg/kg
Vanadium	**7440-62-2**	**6010C**	**6.4**		**2.6**	**mg/kg**
Zinc	**7440-66-6**	**6010C**	**3200**		**13**	**mg/kg**

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synterra**
Description: **BL-SS-67**
Date Sampled: **08/24/2016 1614**
Date Received: **08/25/2016**

Laboratory ID: **RH25003-007**
Matrix: **Solid**
% Solids: **89.4** **08/25/2016 2155**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/26/2016 1833	SES		20754	5.91

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	**67-64-1**	**8260B**	**94**		**19**	**ug/kg**	**1**
Benzene	71-43-2	8260B	ND		4.7	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		4.7	ug/kg	1
Bromoform	75-25-2	8260B	ND		4.7	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.7	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		19	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		4.7	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		4.7	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		4.7	ug/kg	1
Chloroethane	75-00-3	8260B	ND		4.7	ug/kg	1
Chloroform	67-66-3	8260B	ND		4.7	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.7	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		4.7	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		4.7	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.7	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.7	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.7	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.7	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		4.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		4.7	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		4.7	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		4.7	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.7	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		4.7	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.7	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.7	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		4.7	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		9.5	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		4.7	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		4.7	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.7	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.5	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		4.7	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		4.7	ug/kg	1
Styrene	100-42-5	8260B	ND		4.7	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.7	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		4.7	ug/kg	1
Toluene	108-88-3	8260B	ND		4.7	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: BL-SS-67
Date Sampled: 08/24/2016 1614
Date Received: 08/25/2016

Laboratory ID: RH25003-007
Matrix: Solid
% Solids: 89.4 08/25/2016 2155

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/26/2016 1833	SES		20754	5.91

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.7	ug/kg
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.7	ug/kg
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.7	ug/kg
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.7	ug/kg
Trichloroethene	79-01-6	8260B	ND		4.7	ug/kg
Trichlorofluoromethane	75-69-4	8260B	ND		4.7	ug/kg
Vinyl chloride	75-01-4	8260B	ND		4.7	ug/kg
Xylenes (total)	1330-20-7	8260B	ND		9.5	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		106	53-142
Bromofluorobenzene		103	47-138
Toluene-d8		112	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

QC Summary

Inorganic non-metals - MB

Sample ID: RQ20971-001
Batch: 20971
Analytical Method: 9012B

Matrix: Solid
Prep Method: 9012B
Prep Date: 08/30/2016 1145

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Cyanide - Total	ND		1	0.50	mg/kg	08/30/2016 1754

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Inorganic non-metals - LCS

Sample ID: RQ20971-002
Batch: 20971
Analytical Method: 9012B

Matrix: Solid
Prep Method: 9012B
Prep Date: 08/30/2016 1145

Parameter	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Cyanide - Total	5.0	4.9		1	98	90-110	08/30/2016 1755

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: RQ20754-001
Batch: 20754
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Acetone	ND		1	20	ug/kg	08/26/2016 1101
Benzene	ND		1	5.0	ug/kg	08/26/2016 1101
Bromodichloromethane	ND		1	5.0	ug/kg	08/26/2016 1101
Bromoform	ND		1	5.0	ug/kg	08/26/2016 1101
Bromomethane (Methyl bromide)	ND		1	5.0	ug/kg	08/26/2016 1101
2-Butanone (MEK)	ND		1	20	ug/kg	08/26/2016 1101
Carbon disulfide	ND		1	5.0	ug/kg	08/26/2016 1101
Carbon tetrachloride	ND		1	5.0	ug/kg	08/26/2016 1101
Chlorobenzene	ND		1	5.0	ug/kg	08/26/2016 1101
Chloroethane	ND		1	5.0	ug/kg	08/26/2016 1101
Chloroform	ND		1	5.0	ug/kg	08/26/2016 1101
Chloromethane (Methyl chloride)	ND		1	5.0	ug/kg	08/26/2016 1101
Cyclohexane	ND		1	5.0	ug/kg	08/26/2016 1101
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	ug/kg	08/26/2016 1101
Dibromochloromethane	ND		1	5.0	ug/kg	08/26/2016 1101
1,2-Dibromoethane (EDB)	ND		1	5.0	ug/kg	08/26/2016 1101
1,3-Dichlorobenzene	ND		1	5.0	ug/kg	08/26/2016 1101
1,2-Dichlorobenzene	ND		1	5.0	ug/kg	08/26/2016 1101
1,4-Dichlorobenzene	ND		1	5.0	ug/kg	08/26/2016 1101
Dichlorodifluoromethane	ND		1	5.0	ug/kg	08/26/2016 1101
1,1-Dichloroethane	ND		1	5.0	ug/kg	08/26/2016 1101
1,2-Dichloroethane	ND		1	5.0	ug/kg	08/26/2016 1101
1,1-Dichloroethene	ND		1	5.0	ug/kg	08/26/2016 1101
cis-1,2-Dichloroethene	ND		1	5.0	ug/kg	08/26/2016 1101
trans-1,2-Dichloroethene	ND		1	5.0	ug/kg	08/26/2016 1101
1,2-Dichloropropane	ND		1	5.0	ug/kg	08/26/2016 1101
cis-1,3-Dichloropropene	ND		1	5.0	ug/kg	08/26/2016 1101
trans-1,3-Dichloropropene	ND		1	5.0	ug/kg	08/26/2016 1101
Ethylbenzene	ND		1	5.0	ug/kg	08/26/2016 1101
2-Hexanone	ND		1	10	ug/kg	08/26/2016 1101
Isopropylbenzene	ND		1	5.0	ug/kg	08/26/2016 1101
Methyl acetate	ND		1	5.0	ug/kg	08/26/2016 1101
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	ug/kg	08/26/2016 1101
4-Methyl-2-pentanone	ND		1	10	ug/kg	08/26/2016 1101
Methylcyclohexane	ND		1	5.0	ug/kg	08/26/2016 1101
Methylene chloride	ND		1	5.0	ug/kg	08/26/2016 1101
Styrene	ND		1	5.0	ug/kg	08/26/2016 1101
1,1,2,2-Tetrachloroethane	ND		1	5.0	ug/kg	08/26/2016 1101
Tetrachloroethene	ND		1	5.0	ug/kg	08/26/2016 1101
Toluene	ND		1	5.0	ug/kg	08/26/2016 1101
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	ug/kg	08/26/2016 1101
1,2,4-Trichlorobenzene	ND		1	5.0	ug/kg	08/26/2016 1101
1,1,2-Trichloroethane	ND		1	5.0	ug/kg	08/26/2016 1101
1,1,1-Trichloroethane	ND		1	5.0	ug/kg	08/26/2016 1101

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: RQ20754-001
Batch: 20754
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Trichloroethene	ND		1	5.0	ug/kg	08/26/2016 1101
Trichlorofluoromethane	ND		1	5.0	ug/kg	08/26/2016 1101
Vinyl chloride	ND		1	5.0	ug/kg	08/26/2016 1101
Xylenes (total)	ND		1	10	ug/kg	08/26/2016 1101

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		99	47-138
1,2-Dichloroethane-d4		103	53-142
Toluene-d8		103	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: RQ20754-002 **Matrix:** Solid
Batch: 20754 **Prep Method:** 5035
Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	100		1	100	60-140	08/26/2016 1005
Benzene	50	47		1	93	69-123	08/26/2016 1005
Bromodichloromethane	50	46		1	93	69-121	08/26/2016 1005
Bromoform	50	39		1	78	61-119	08/26/2016 1005
Bromomethane (Methyl bromide)	50	47		1	95	10-168	08/26/2016 1005
2-Butanone (MEK)	100	90		1	90	57-148	08/26/2016 1005
Carbon disulfide	50	55		1	109	58-122	08/26/2016 1005
Carbon tetrachloride	50	54		1	108	58-136	08/26/2016 1005
Chlorobenzene	50	44		1	89	59-129	08/26/2016 1005
Chloroethane	50	47		1	93	60-140	08/26/2016 1005
Chloroform	50	49		1	98	71-125	08/26/2016 1005
Chloromethane (Methyl chloride)	50	50		1	101	34-134	08/26/2016 1005
Cyclohexane	50	54		1	107	53-139	08/26/2016 1005
1,2-Dibromo-3-chloropropane (DBCP)	50	39		1	78	55-125	08/26/2016 1005
Dibromochloromethane	50	44		1	88	66-119	08/26/2016 1005
1,2-Dibromoethane (EDB)	50	43		1	86	74-124	08/26/2016 1005
1,3-Dichlorobenzene	50	44		1	87	51-134	08/26/2016 1005
1,2-Dichlorobenzene	50	43		1	85	57-131	08/26/2016 1005
1,4-Dichlorobenzene	50	43		1	86	52-133	08/26/2016 1005
Dichlorodifluoromethane	50	59		1	118	10-157	08/26/2016 1005
1,1-Dichloroethane	50	52		1	103	71-127	08/26/2016 1005
1,2-Dichloroethane	50	49		1	98	67-129	08/26/2016 1005
1,1-Dichloroethene	50	56		1	111	69-138	08/26/2016 1005
cis-1,2-Dichloroethene	50	50		1	99	70-122	08/26/2016 1005
trans-1,2-Dichloroethene	50	52		1	104	68-131	08/26/2016 1005
1,2-Dichloropropane	50	46		1	92	72-124	08/26/2016 1005
cis-1,3-Dichloropropene	50	46		1	91	70-126	08/26/2016 1005
trans-1,3-Dichloropropene	50	45		1	90	70-124	08/26/2016 1005
Ethylbenzene	50	44		1	89	59-128	08/26/2016 1005
2-Hexanone	100	76		1	76	54-137	08/26/2016 1005
Isopropylbenzene	50	45		1	90	50-136	08/26/2016 1005
Methyl acetate	50	49		1	98	59-137	08/26/2016 1005
Methyl tertiary butyl ether (MTBE)	50	48		1	96	70-130	08/26/2016 1005
4-Methyl-2-pentanone	100	80		1	80	60-134	08/26/2016 1005
Methylcyclohexane	50	51		1	102	41-144	08/26/2016 1005
Methylene chloride	50	47		1	94	70-130	08/26/2016 1005
Styrene	50	44		1	87	54-136	08/26/2016 1005
1,1,2,2-Tetrachloroethane	50	39		1	79	69-132	08/26/2016 1005
Tetrachloroethene	50	50		1	100	45-150	08/26/2016 1005
Toluene	50	48		1	95	61-129	08/26/2016 1005
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	56		1	111	49-136	08/26/2016 1005
1,2,4-Trichlorobenzene	50	42		1	85	34-145	08/26/2016 1005
1,1,2-Trichloroethane	50	41		1	82	55-128	08/26/2016 1005
1,1,1-Trichloroethane	50	54		1	108	63-128	08/26/2016 1005

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: RQ20754-002
Batch: 20754
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	50		1	100	62-126	08/26/2016 1005
Trichlorofluoromethane	50	54		1	108	45-138	08/26/2016 1005
Vinyl chloride	50	48		1	97	42-132	08/26/2016 1005
Xylenes (total)	100	89		1	89	58-128	08/26/2016 1005

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		88	47-138
1,2-Dichloroethane-d4		88	53-142
Toluene-d8		93	68-124

QL = Practical quantitation limit
D = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

/here applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

lote: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MB

Sample ID: RQ20899-001
Batch: 20899
Analytical Method: 8270D

Matrix: Solid
Prep Method: 3550C
Prep Date: 08/29/2016 2356

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
1,1'-Biphenyl	ND		1	330	ug/kg	08/30/2016 0944
2,4,5-Trichlorophenol	ND		1	330	ug/kg	08/30/2016 0944
2,4,6-Trichlorophenol	ND		1	330	ug/kg	08/30/2016 0944
2,4-Dichlorophenol	ND		1	330	ug/kg	08/30/2016 0944
2,4-Dimethylphenol	ND		1	330	ug/kg	08/30/2016 0944
2,4-Dinitrophenol	ND		1	830	ug/kg	08/30/2016 0944
2,4-Dinitrotoluene	ND		1	330	ug/kg	08/30/2016 0944
2,6-Dinitrotoluene	ND		1	330	ug/kg	08/30/2016 0944
2-Chloronaphthalene	ND		1	330	ug/kg	08/30/2016 0944
2-Chlorophenol	ND		1	330	ug/kg	08/30/2016 0944
2-Methylnaphthalene	ND		1	330	ug/kg	08/30/2016 0944
2-Methylphenol	ND		1	330	ug/kg	08/30/2016 0944
2-Nitroaniline	ND		1	330	ug/kg	08/30/2016 0944
2-Nitrophenol	ND		1	330	ug/kg	08/30/2016 0944
3+4-Methylphenol	ND		1	670	ug/kg	08/30/2016 0944
3,3'-Dichlorobenzidine	ND		1	830	ug/kg	08/30/2016 0944
3-Nitroaniline	ND		1	330	ug/kg	08/30/2016 0944
4,6-Dinitro-2-methylphenol	ND		1	830	ug/kg	08/30/2016 0944
4-Bromophenyl phenyl ether	ND		1	330	ug/kg	08/30/2016 0944
4-Chloro-3-methyl phenol	ND		1	330	ug/kg	08/30/2016 0944
4-Chloroaniline	ND		1	330	ug/kg	08/30/2016 0944
4-Chlorophenyl phenyl ether	ND		1	330	ug/kg	08/30/2016 0944
4-Nitroaniline	ND		1	330	ug/kg	08/30/2016 0944
4-Nitrophenol	ND		1	830	ug/kg	08/30/2016 0944
Acenaphthene	ND		1	330	ug/kg	08/30/2016 0944
Acenaphthylene	ND		1	330	ug/kg	08/30/2016 0944
Acetophenone	ND		1	330	ug/kg	08/30/2016 0944
Anthracene	ND		1	330	ug/kg	08/30/2016 0944
Atrazine	ND		1	330	ug/kg	08/30/2016 0944
Benzaldehyde	ND		1	830	ug/kg	08/30/2016 0944
Benzo(a)anthracene	ND		1	330	ug/kg	08/30/2016 0944
Benzo(a)pyrene	ND		1	330	ug/kg	08/30/2016 0944
Benzo(b)fluoranthene	ND		1	330	ug/kg	08/30/2016 0944
Benzo(g,h,i)perylene	ND		1	330	ug/kg	08/30/2016 0944
Benzo(k)fluoranthene	ND		1	330	ug/kg	08/30/2016 0944
bis (2-Chloro-1-methylethyl) ether	ND		1	330	ug/kg	08/30/2016 0944
bis(2-Chloroethoxy)methane	ND		1	330	ug/kg	08/30/2016 0944
bis(2-Chloroethyl)ether	ND		1	330	ug/kg	08/30/2016 0944
bis(2-Ethylhexyl)phthalate	ND		1	330	ug/kg	08/30/2016 0944
Butyl benzyl phthalate	ND		1	330	ug/kg	08/30/2016 0944
Caprolactam	ND		1	830	ug/kg	08/30/2016 0944
Carbazole	ND		1	330	ug/kg	08/30/2016 0944
Chrysene	ND		1	330	ug/kg	08/30/2016 0944
Di-n-butyl phthalate	ND		1	330	ug/kg	08/30/2016 0944

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MB

Sample ID: RQ20899-001
Batch: 20899
Analytical Method: 8270D

Matrix: Solid
Prep Method: 3550C
Prep Date: 08/29/2016 2356

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Di-n-octylphthalate	ND		1	330	ug/kg	08/30/2016 0944
Dibenzo(a,h)anthracene	ND		1	330	ug/kg	08/30/2016 0944
Dibenzofuran	ND		1	330	ug/kg	08/30/2016 0944
Diethylphthalate	ND		1	330	ug/kg	08/30/2016 0944
Dimethyl phthalate	ND		1	330	ug/kg	08/30/2016 0944
Fluoranthene	ND		1	330	ug/kg	08/30/2016 0944
Fluorene	ND		1	330	ug/kg	08/30/2016 0944
Hexachlorobenzene	ND		1	330	ug/kg	08/30/2016 0944
Hexachlorobutadiene	ND		1	330	ug/kg	08/30/2016 0944
Hexachlorocyclopentadiene	ND		1	830	ug/kg	08/30/2016 0944
Hexachloroethane	ND		1	330	ug/kg	08/30/2016 0944
Indeno(1,2,3-c,d)pyrene	ND		1	330	ug/kg	08/30/2016 0944
Isophorone	ND		1	330	ug/kg	08/30/2016 0944
N-Nitrosodi-n-propylamine	ND		1	330	ug/kg	08/30/2016 0944
N-Nitrosodiphenylamine (Diphenylamine)	ND		1	330	ug/kg	08/30/2016 0944
Naphthalene	ND		1	330	ug/kg	08/30/2016 0944
Nitrobenzene	ND		1	330	ug/kg	08/30/2016 0944
Pentachlorophenol	ND		1	830	ug/kg	08/30/2016 0944
Phenanthrene	ND		1	330	ug/kg	08/30/2016 0944
Phenol	ND		1	330	ug/kg	08/30/2016 0944
Pyrene	ND		1	330	ug/kg	08/30/2016 0944

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		61	30-117
2-Fluorobiphenyl		72	33-102
2-Fluorophenol		71	28-104
Nitrobenzene-d5		78	22-109
Phenol-d5		78	27-103
Terphenyl-d14		84	41-120

QL = Practical quantitation limit
D = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
/here applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

lote: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - LCS

Sample ID: RQ20899-002
Batch: 20899
Analytical Method: 8270D

Matrix: Solid
Prep Method: 3550C
Prep Date: 08/29/2016 2356

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
1,1'-Biphenyl	1700	1100		1	66	49-110	08/30/2016 1008
2,4,5-Trichlorophenol	1700	1100		1	67	46-122	08/30/2016 1008
2,4,6-Trichlorophenol	1700	1100		1	65	38-115	08/30/2016 1008
2,4-Dichlorophenol	3300	2100		1	62	41-113	08/30/2016 1008
2,4-Dimethylphenol	1700	1300		1	75	33-123	08/30/2016 1008
2,4-Dinitrophenol	1700	970		1	58	45-127	08/30/2016 1008
2,4-Dinitrotoluene	1700	1400		1	81	48-124	08/30/2016 1008
2,6-Dinitrotoluene	1700	1200		1	73	47-125	08/30/2016 1008
2-Chloronaphthalene	1700	1100		1	64	31-127	08/30/2016 1008
2-Chlorophenol	1700	1100		1	64	37-106	08/30/2016 1008
2-Methylnaphthalene	1700	1000		1	62	40-106	08/30/2016 1008
2-Methylphenol	1700	1300		1	76	32-107	08/30/2016 1008
2-Nitroaniline	1700	1300		1	77	45-123	08/30/2016 1008
2-Nitrophenol	1700	1000		1	63	35-108	08/30/2016 1008
3+4-Methylphenol	1700	1100		1	69	39-108	08/30/2016 1008
3,3'-Dichlorobenzidine	1700	1200		1	75	46-113	08/30/2016 1008
3-Nitroaniline	1700	1200		1	73	24-127	08/30/2016 1008
4,6-Dinitro-2-methylphenol	1700	1300		1	80	40-130	08/30/2016 1008
4-Bromophenyl phenyl ether	1700	1100		1	69	46-118	08/30/2016 1008
4-Chloro-3-methyl phenol	1700	1300		1	78	49-118	08/30/2016 1008
4-Chloroaniline	1700	1600		1	96	10-125	08/30/2016 1008
4-Chlorophenyl phenyl ether	1700	1100		1	65	47-116	08/30/2016 1008
4-Nitroaniline	1700	1400		1	85	48-127	08/30/2016 1008
4-Nitrophenol	3300	3300		1	100	18-154	08/30/2016 1008
Acenaphthene	1700	1200		1	72	46-114	08/30/2016 1008
Acenaphthylene	1700	1200		1	74	44-122	08/30/2016 1008
Acetophenone	1700	1000		1	60	48-111	08/30/2016 1008
Anthracene	1700	1300		1	81	50-119	08/30/2016 1008
Atrazine	1700	1300		1	76	48-116	08/30/2016 1008
Benzaldehyde	1700	1200		1	71	40-117	08/30/2016 1008
Benzo(a)anthracene	1700	1300		1	80	47-121	08/30/2016 1008
Benzo(a)pyrene	1700	1400		1	85	55-134	08/30/2016 1008
Benzo(b)fluoranthene	1700	1400		1	81	28-139	08/30/2016 1008
Benzo(g,h,i)perylene	1700	1300		1	78	36-125	08/30/2016 1008
Benzo(k)fluoranthene	1700	1400		1	82	47-130	08/30/2016 1008
bis (2-Chloro-1-methylethyl) ether	1700	1300		1	75	31-102	08/30/2016 1008
bis(2-Chloroethoxy)methane	1700	1100		1	68	39-108	08/30/2016 1008
bis(2-Chloroethyl)ether	1700	1300		1	76	32-105	08/30/2016 1008
bis(2-Ethylhexyl)phthalate	1700	1400		1	87	45-128	08/30/2016 1008
Butyl benzyl phthalate	1700	1600		1	95	46-128	08/30/2016 1008
Caprolactam	1700	1600		1	95	43-121	08/30/2016 1008
Carbazole	1700	1300		1	80	47-128	08/30/2016 1008
Chrysene	1700	1300		1	80	45-126	08/30/2016 1008
Di-n-butyl phthalate	1700	1500		1	89	51-129	08/30/2016 1008

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - LCS

Sample ID: RQ20899-002
Batch: 20899
Analytical Method: 8270D

Matrix: Solid
Prep Method: 3550C
Prep Date: 08/29/2016 2356

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Di-n-octylphthalate	1700	1300		1	81	49-142	08/30/2016 1008
Dibenzo(a,h)anthracene	1700	1400		1	83	45-122	08/30/2016 1008
Dibenzofuran	1700	1100		1	68	45-112	08/30/2016 1008
Diethylphthalate	1700	1400		1	81	49-123	08/30/2016 1008
Dimethyl phthalate	1700	1200		1	75	48-120	08/30/2016 1008
Fluoranthene	1700	1300		1	77	50-123	08/30/2016 1008
Fluorene	1700	1200		1	69	48-117	08/30/2016 1008
Hexachlorobenzene	1700	1300		1	76	44-122	08/30/2016 1008
Hexachlorobutadiene	1700	970		1	58	33-103	08/30/2016 1008
Hexachlorocyclopentadiene	8300	3900		1	46	18-121	08/30/2016 1008
Hexachloroethane	1700	1100		1	64	30-96	08/30/2016 1008
Indeno(1,2,3-c,d)pyrene	1700	1400		1	85	45-123	08/30/2016 1008
Isophorone	1700	1200		1	70	41-113	08/30/2016 1008
N-Nitrosodi-n-propylamine	1700	1300		1	80	32-115	08/30/2016 1008
N-Nitrosodiphenylamine (Diphenylamine)	1700	1300		1	80	53-150	08/30/2016 1008
Naphthalene	1700	1100		1	65	36-110	08/30/2016 1008
Nitrobenzene	1700	1300		1	75	33-114	08/30/2016 1008
Pentachlorophenol	3300	2100		1	62	27-138	08/30/2016 1008
Phenanthrene	1700	1300		1	77	49-117	08/30/2016 1008
Phenol	1700	1100		1	65	36-108	08/30/2016 1008
Pyrene	1700	1400		1	87	47-119	08/30/2016 1008

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		69	30-117
2-Fluorobiphenyl		63	33-102
2-Fluorophenol		59	28-104
Nitrobenzene-d5		72	22-109
Phenol-d5		65	27-103
Terphenyl-d14		80	41-120

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

PCBs by GC - MB

Sample ID: RQ20900-001
Batch: 20900
Analytical Method: 8082A

Matrix: Solid
Prep Method: 3546
Prep Date: 08/29/2016 1840

Cleanup: 3660B/3665A

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Aroclor 1016	ND		1	10	ug/kg	08/30/2016 1039
Aroclor 1221	ND		1	10	ug/kg	08/30/2016 1039
Aroclor 1232	ND		1	10	ug/kg	08/30/2016 1039
Aroclor 1242	ND		1	10	ug/kg	08/30/2016 1039
Aroclor 1248	ND		1	10	ug/kg	08/30/2016 1039
Aroclor 1254	ND		1	10	ug/kg	08/30/2016 1039
Aroclor 1260	ND		1	10	ug/kg	08/30/2016 1039

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		97	41-132
Tetrachloro-m-xylene		91	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

PCBs by GC - LCS

Sample ID: RQ20900-002
Batch: 20900
Analytical Method: 8082A

Matrix: Solid
Prep Method: 3546
Prep Date: 08/29/2016 1840
Cleanup: 3660B/3665A

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Aroclor 1016	100	130		1	130	70-130	08/30/2016 1052
Aroclor 1260	100	110		1	111	70-130	08/30/2016 1052

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		95	41-132
Tetrachloro-m-xylene		91	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - MB

Sample ID: RQ20904-001
Batch: 20904
Analytical Method: 8081B

Matrix: Solid
Prep Method: 3546
Prep Date: 08/29/2016 1840

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
4,4'-DDD	ND		1	1.0	ug/kg	08/30/2016 1415
4,4'-DDE	ND		1	1.0	ug/kg	08/30/2016 1415
4,4'-DDT	ND		1	1.0	ug/kg	08/30/2016 1415
Aldrin	ND		1	1.0	ug/kg	08/30/2016 1415
alpha-BHC	ND		1	1.0	ug/kg	08/30/2016 1415
beta-BHC	ND		1	1.0	ug/kg	08/30/2016 1415
Chlordane	ND		1	2.0	ug/kg	08/30/2016 1415
cis-Chlordane	ND		1	1.0	ug/kg	08/30/2016 1415
delta-BHC	ND		1	1.0	ug/kg	08/30/2016 1415
Dieldrin	ND		1	1.0	ug/kg	08/30/2016 1415
Endosulfan I	ND		1	1.0	ug/kg	08/30/2016 1415
Endosulfan II	ND		1	1.0	ug/kg	08/30/2016 1415
Endosulfan sulfate	ND		1	1.0	ug/kg	08/30/2016 1415
Endrin	ND		1	1.0	ug/kg	08/30/2016 1415
Endrin aldehyde	ND		1	1.0	ug/kg	08/30/2016 1415
Endrin ketone	ND		1	1.0	ug/kg	08/30/2016 1415
gamma-BHC (Lindane)	ND		1	1.0	ug/kg	08/30/2016 1415
Heptachlor	ND		1	1.0	ug/kg	08/30/2016 1415
Heptachlor epoxide	ND		1	1.0	ug/kg	08/30/2016 1415
Methoxychlor	ND		1	4.0	ug/kg	08/30/2016 1415
Toxaphene	ND		1	10	ug/kg	08/30/2016 1415
trans-Chlordane	ND		1	1.0	ug/kg	08/30/2016 1415

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		98	57-110
Tetrachloro-m-xylene		85	37-91

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - LCS

Sample ID: RQ20904-002
Batch: 20904
Analytical Method: 8081B

Matrix: Solid
Prep Method: 3546
Prep Date: 08/29/2016 1840

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
4,4'-DDD	20	21		1	105	70-130	08/30/2016 1430
4,4'-DDE	20	22		1	108	70-130	08/30/2016 1430
4,4'-DDT	20	22		1	109	70-130	08/30/2016 1430
Aldrin	20	20		1	101	70-130	08/30/2016 1430
alpha-BHC	20	20		1	100	70-130	08/30/2016 1430
beta-BHC	20	20		1	98	70-130	08/30/2016 1430
cis-Chlordane	20	20		1	100	70-130	08/30/2016 1430
delta-BHC	20	18		1	92	50-150	08/30/2016 1430
Dieldrin	20	21		1	105	70-130	08/30/2016 1430
Endosulfan I	20	19		1	94	70-130	08/30/2016 1430
Endosulfan II	20	19		1	94	70-130	08/30/2016 1430
Endosulfan sulfate	20	21		1	107	70-130	08/30/2016 1430
Endrin	20	21		1	104	70-130	08/30/2016 1430
Endrin aldehyde	20	17		1	87	70-130	08/30/2016 1430
Endrin ketone	20	21		1	105	70-130	08/30/2016 1430
gamma-BHC (Lindane)	20	21		1	103	70-130	08/30/2016 1430
Heptachlor	20	20		1	102	70-130	08/30/2016 1430
Heptachlor epoxide	20	20		1	99	70-130	08/30/2016 1430
Methoxychlor	20	21		1	107	70-130	08/30/2016 1430
trans-Chlordane	20	20		1	101	70-130	08/30/2016 1430

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		103	57-110
Tetrachloro-m-xylene		87	37-91

QL = Practical quantitation limit
D = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
here applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

lote: Calculations are performed before rounding to avoid round-off errors in calculated results

PCBs by GC - MB

Sample ID: RQ21021-001
Batch: 21021
Analytical Method: 8082A

Matrix: Solid
Prep Method: 3546
Prep Date: 08/30/2016 2147

Cleanup: 3660B/3665A

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Aroclor 1016	ND		1	10	ug/kg	08/31/2016 1646
Aroclor 1221	ND		1	10	ug/kg	08/31/2016 1646
Aroclor 1232	ND		1	10	ug/kg	08/31/2016 1646
Aroclor 1242	ND		1	10	ug/kg	08/31/2016 1646
Aroclor 1248	ND		1	10	ug/kg	08/31/2016 1646
Aroclor 1254	ND		1	10	ug/kg	08/31/2016 1646
Aroclor 1260	ND		1	10	ug/kg	08/31/2016 1646

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		58	41-132
Tetrachloro-m-xylene		56	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

PCBs by GC - LCS

Sample ID: RQ21021-002
Batch: 21021
Analytical Method: 8082A

Matrix: Solid
Prep Method: 3546
Prep Date: 08/30/2016 2147

Cleanup: 3660B/3665A

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Aroclor 1016	100	110		1	107	70-130	08/31/2016 1659
Aroclor 1260	100	110		1	108	70-130	08/31/2016 1659

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		92	41-132
Tetrachloro-m-xylene		90	35-106

QL = Practical quantitation limit
D = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

/here applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

lote: Calculations are performed before rounding to avoid round-off errors in calculated results

TAL Metals - MB

Sample ID: RQ20955-001
Batch: 20955
Analytical Method: 6010C

Matrix: Solid
Prep Method: 3050B
Prep Date: 08/30/2016 1736

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Beryllium	ND		1	0.25	mg/kg	09/01/2016 0011

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TAL Metals - LCS

Sample ID: RQ20955-002
Batch: 20955
Analytical Method: 6010C

Matrix: Solid
Prep Method: 3050B
Prep Date: 08/30/2016 1736

Parameter	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Beryllium	100	92		1	92	80-120	09/01/2016 0015

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TAL Metals - MB

Sample ID: RQ21222-001
Batch: 21222
Analytical Method: 6010C

Matrix: Solid
Prep Method: 3050B
Prep Date: 09/02/2016 1022

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Aluminum	ND		1	20	mg/kg	09/06/2016 1606
Antimony	ND		1	1.0	mg/kg	09/06/2016 1606
Arsenic	ND		1	0.75	mg/kg	09/06/2016 1606
Barium	ND		1	1.3	mg/kg	09/06/2016 1606
Cadmium	ND		1	0.25	mg/kg	09/06/2016 1606
Calcium	ND		1	250	mg/kg	09/06/2016 1606
Chromium	ND		1	0.50	mg/kg	09/06/2016 1606
Cobalt	ND		1	1.3	mg/kg	09/06/2016 1606
Copper	ND		1	0.50	mg/kg	09/06/2016 1606
Iron	ND		1	5.0	mg/kg	09/06/2016 1606
Lead	ND		1	0.50	mg/kg	09/06/2016 1606
Magnesium	ND		1	250	mg/kg	09/06/2016 1606
Manganese	ND		1	0.75	mg/kg	09/06/2016 1606
Nickel	ND		1	2.0	mg/kg	09/06/2016 1606
Potassium	ND		1	250	mg/kg	09/06/2016 1606
Selenium	ND		1	1.0	mg/kg	09/06/2016 1606
Silver	ND		1	0.50	mg/kg	09/06/2016 1606
Sodium	ND		1	250	mg/kg	09/06/2016 1606
Thallium	ND		1	2.5	mg/kg	09/06/2016 1606
Vanadium	ND		1	2.5	mg/kg	09/06/2016 1606
Zinc	ND		1	2.5	mg/kg	09/06/2016 1606

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TAL Metals - LCS

Sample ID: RQ21222-002
Batch: 21222
Analytical Method: 6010C

Matrix: Solid
Prep Method: 3050B
Prep Date: 09/02/2016 1022

Parameter	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Aluminum	1000	930		1	93	80-120	09/06/2016 1619
Antimony	50	46		1	93	80-120	09/06/2016 1619
Arsenic	250	240		1	96	80-120	09/06/2016 1619
Barium	500	470		1	93	80-120	09/06/2016 1619
Cadmium	50	47		1	94	80-120	09/06/2016 1619
Calcium	2000	1900		1	93	80-120	09/06/2016 1619
Chromium	250	240		1	96	80-120	09/06/2016 1619
Cobalt	100	99		1	99	80-120	09/06/2016 1619
Copper	100	95		1	95	80-120	09/06/2016 1619
Iron	1000	920		1	92	80-120	09/06/2016 1619
Lead	250	240		1	98	80-120	09/06/2016 1619
Magnesium	2000	1800		1	91	80-120	09/06/2016 1619
Manganese	100	96		1	96	80-120	09/06/2016 1619
Nickel	100	97		1	97	80-120	09/06/2016 1619
Potassium	2000	1900		1	96	80-120	09/06/2016 1619
Selenium	50	47		1	94	80-120	09/06/2016 1619
Silver	50	46		1	92	80-120	09/06/2016 1619
Sodium	2000	1900		1	96	80-120	09/06/2016 1619
Thallium	40	41		1	102	80-120	09/06/2016 1619
Vanadium	100	95		1	95	80-120	09/06/2016 1619
Zinc	100	97		1	97	80-120	09/06/2016 1619

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TAL Metals - MB

Sample ID: RQ20777-001
Batch: 20777
Analytical Method: 7471B

Matrix: Solid
Prep Method: 7471B
Prep Date: 08/29/2016 1149

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Mercury	ND		1	0.083	mg/kg	08/29/2016 1452

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TAL Metals - LCS

Sample ID: RQ20777-002
Batch: 20777
Analytical Method: 7471B

Matrix: Solid
Prep Method: 7471B
Prep Date: 08/29/2016 1149

Parameter	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Mercury	0.83	0.90		1	108	80-120	08/29/2016 1454

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Chain of Custody
and
Miscellaneous Documents

SHEALY

Chain of Custody Record

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive • West Columbia, SC 29172
Telephone No. 803-791-9700 Fax No. 803-791-9111
www.shealylab.com

Number 63885

Client: SynTerra	Report to Contact: Howard Frank	Telephone No. / E-mail: HFrank@SynTerracorp.com	Quote No.
Address: 148 River St. Ste. 220	Sampler's Signature: X [signature]	Analysis (Attach list if more space is needed)	Page 1 of 1
City: Greenville State: SC Zip Code: 29601	Printed Name		RH25003
Project Name: Former Burlington Lagoon			
Project No.: 1112.11	P.O. No.		

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	Lab Sample Composite	Matrix: Aqueous	Matrix: Solid	Matrix: Non-aqueous	No of Containers by Preservative Type: Unpres.	Unpres.	Unpres.	HCl	NaOH	NaOH	PCBs	SVOCs/Pest	TAL Metals	VOCs	Remarks / Cooler I.D.
BL-SS-28	8/23/16	1115	G		X		X						X				
BL-SS-27D	8/24/16	750	G		X		X						X				
BL-SB-36	8/24/16	1320	G		X		X						X				
BL-SB-28	8/23/16	1120	G		X		X						X				
BL-SS-39	8/24/16	1433	G		X		X						X				
BL-WA-3	8/24/16	1607	G		X		X						X	X	X		
BL-SS-67	8/24/16	1614	G		X					X						X	

Turn Around Time Required (Prior lab approval required for expedited TAT.)	Sample Disposal	Possible Hazard Identification	QC Requirements (Specify)
☒ Standard ☐ Rush (Specify)	☐ Return to Client ☒ Disposal by Lab	☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown	

	Date	Time		Date	Time
1. Relinquished by: [signature]	8/25/16	829	1. Received by		
2. Relinquished by			2. Received by		
3. Relinquished by			3. Received by		
4. Relinquished by			4. Laboratory received by: [signature]	8/25/16	0829

Note: All samples are retained for four weeks from receipt unless other arrangements are made.

LAB USE ONLY
Received on Ice (Circle) Yes No Ice Pack
Receipt Temp 2.8 °C

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

Document Number: F-AD-133 Effective Date: 08-01-2014

Shealy Environmental Services, Inc
Document Number: MB/001 8C-04

Page 1 of 1
Effective Date: 02/05/2016
Expiry Date: 02/05/2021

Sample Receipt Checklist (SRC)

Client: Synterra Cooler Inspected by/date: MCM/2/25/16 Lot #: RH25003

Means of receipt: ☐ SESI ☑ Client ☐ UPS ☐ FedEx ☐ Other

Yes ☐	No ☑		1. Were custody seals present on the cooler?
Yes ☐	No ☐	NA ☑	2. If custody seals were present, were they intact and unbroken?

pH strip ID: _____ Cl strip ID: _____

Cooler ID/Original temperature upon receipt/Derived (corrected) temperature upon receipt:

/ 2.9/2.9 °C / / °C / / °C / / °C

Method: ☑ Temperature Blank ☐ Against Bottles IR Gun ID: 6 IR Gun Correction Factor: 0 °C

Method of coolant: ☑ Wet Ice ☐ Blue Ice ☐ Dry Ice ☐ None

Yes ☐	No ☐	NA ☑	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM was notified by: phone / email / face-to-face (circle one).
Yes ☐	No ☐	NA ☑	4. Is the commercial courier's packing slip attached to this form?
Yes ☑	No ☐		5. Were proper custody procedures (relinquished/received) followed?
Yes ☑	No ☐		6. Were sample IDs listed on the COC?
Yes ☑	No ☐		7. Were sample IDs listed on all sample containers?
Yes ☑	No ☐		8. Was collection date & time listed on the COC?
Yes ☑	No ☐		9. Was collection date & time listed on all sample containers?
Yes ☑	No ☐		10. Did all container label information (ID, date, time) agree with the COC?
Yes ☑	No ☐		11. Were tests to be performed listed on the COC?
Yes ☑	No ☐		12. Did all samples arrive in the proper containers for each test and/or in good condition (unbroken, lids on, etc.)?
Yes ☐	No ☑		13. Was adequate sample volume available?
Yes ☐	No ☑		14. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes ☐	No ☑		15. Were any samples containers missing/excess (circle one) samples not listed on COC?
Yes ☐	No ☐	NA ☑	16. Were bubbles present >"pea-size" (¼"or 6mm in diameter) in any VOA vials?
Yes ☐	No ☐	NA ☑	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes ☐	No ☐	NA ☑	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes ☐	No ☐	NA ☑	19. Were all applicable NH3/TKN/cyanide/phenol (<0.2mg/L) samples free of residual chlorine?
Yes ☐	No ☐	NA ☑	20. Were collection temperatures documented on the COC for NC samples?
Yes ☐	No ☐	NA ☑	21. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations, etc…) correctly transcribed from the COC into the comment section in LIMS?
Yes ☑	No ☐	NA ☑	22. Was the quote number used taken from the container label?

Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)

Sample(s) _____ were received incorrectly preserved and were adjusted accordingly in sample receiving with _____ (H_2SO_4, HNO3, HCl, NaOH) using SR # _____.

Sample(s) _____ were received with bubbles >6 mm in diameter.

Samples(s) _____ were received with TRC >0.2 mg/L (If #21 is No) and were adjusted accordingly in sample receiving with sodium thiosulfate ($Na_2S_2O_3$) with Shealy ID: _____.

SC Drinking Water Project Sample(s) pH verified to be > 2 by _____ Date: _____

Sample(s) _____ were not received at a pH of <2 and were adjusted accordingly using SR# _____

Sample labels applied by: MCM Verified by: _____ Date: 2/25/16

Comments: SR used VOA screening vial Sor -007

SHEALY ENVIRONMENTAL SERVICES, INC.

Report of Analysis

synTerra
INNOVATE
148 River Street, Suite 220
Greenville, SC 29601
Attention: Howard Frank

Project Name: **Burlington Lagoon Site**

Project Number: **1112.11**

Lot Number: **RH26003**

Date Completed: **09/12/2016**

Kelly M. Nance
Project Manager

LABORATORY ACCREDITATION BUREAU ACCREDITED

This report shall not be reproduced, except in its entirety, without the written approval of Shealy Environmental Services, Inc.

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

Case Narrative
synTerra
Lot Number: RH26003

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

All results listed in this report relate only to the samples that are contained within this report.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

Sample Receiving
Sample "BL-SB-80" was listed on the chain of custody twice. Results were reported under sample -010.

GC/MS Volatiles
The MS/MSD associated with sample -023 had compounds recovered outside of the acceptance limits. The LCS was recovered within the required acceptance limits; therefore, this demonstrates a matrix effect and data quality is not impacted.

The RPD for acetone in the duplicate associated with sample -022 exceeded method control limits. The associated sample results were reported and no corrective action was required.

GC/MS Semivolatiles
The MS/MSD associated with sample -018 had compounds recovered outside of the acceptance limits. The LCS was recovered within the required acceptance limits; therefore, this demonstrates a matrix effect and data quality is not impacted.

Samples -017 and -019 were diluted 2x and 5x, respectively, due to matrix interference. The reporting limits have been raised accordingly.

Pesticides
The MS/MSD associated with samples -018 and -026 had compounds and surrogates recovered outside of the acceptance limits and RPDs exceeded method control limits. The LCS were recovered within the required acceptance limits; therefore, this demonstrates a matrix effect and data quality is not impacted.

Due to high detections for target compounds, samples -017, -018, -019 and -025 were diluted 200x, 100x, 20x and 50x, respectively. As a result, the associated surrogates were recovered outside of the acceptance limits. No corrective action was required, as dilutions of 5x and greater may impact surrogate recoveries.

PCBs
The MS/MSD associated with samples -001 and -002 had compounds recovered outside of the acceptance limits and RPDs exceeded method control limits. The LCS was recovered within the required acceptance limits; therefore, this demonstrates a matrix effect and data quality is not impacted.

Due to high detections for target compounds, samples -009, -010, -012, -013, -016, -017, -018, -019 and -020 were diluted 500x, 100x, 1000x, 1000x, 1000x, 1000x, 2000x, 100x and 20x, respectively. As a result, the associated surrogates were recovered outside of the acceptance limits. No corrective action was required, as dilutions of 5x and greater may impact surrogate recoveries.

Sample Summary
synTerra
Lot Number: RH26003

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	BL-SS-70	Solid	08/25/2016 1142	08/26/2016
002	BL-SS-48A	Solid	08/25/2016 1000	08/26/2016
003	BL-SS-74	Solid	08/25/2016 1110	08/26/2016
004	BL-SS-58	Solid	08/25/2016 1550	08/26/2016
005	BL-SS-48B	Solid	08/25/2016 1004	08/26/2016
006	BL-SS-52B	Solid	08/25/2016 1017	08/26/2016
007	BL-SS-63	Solid	08/24/2016 1600	08/26/2016
008	BL-SS-73	Solid	08/25/2016 1120	08/26/2016
009	BL-SS-52	Solid	08/25/2016 1700	08/26/2016
010	BL-SB-80	Solid	08/23/2016 1152	08/26/2016
011	BL-SS-59	Solid	08/24/2016 1545	08/26/2016
012	BL-SS-52A	Solid	08/25/2016 1025	08/26/2016
013	BL-SS-75	Solid	08/25/2016 1108	08/26/2016
014	BL-SB-80	Solid	08/23/2016 1152	
015	BL-SS-53A	Solid	08/25/2016 1020	08/26/2016
016	BL-SS-11A	Solid	08/25/2016 1207	08/26/2016
017	BL-WA-01	Solid	08/24/2016 1318	08/26/2016
018	BL-SS-48	Solid	08/24/2016 1648	08/26/2016
019	BL-WA-2	Solid	08/24/2016 1301	08/26/2016
020	BL-SS-57	Solid	08/25/2016 1053	08/26/2016
021	BL-BKG-SS	Solid	08/25/2016 0857	08/26/2016
022	BL-BKG-SD	Solid	08/25/2016 0820	08/26/2016
023	BL-BKG-SB	Solid	08/25/2016 0905	08/26/2016
024	BL-SS-67	Solid	08/24/2016 1336	08/26/2016
025	BL-SS-53	Solid	08/24/2016 1657	08/26/2016
026	BL-SD-19	Solid	08/22/2016 1520	08/26/2016
027	BL-DS-19	Solid	08/22/2016 1525	08/26/2016
028	BL-SS-48	Solid	08/25/2016 0957	08/26/2016
029	BL-SS-75A	Solid	08/25/2016 1618	08/26/2016
030	BL-SS-75B	Solid	08/25/2016 1612	08/26/2016
031	BL-SS-75C	Solid	08/25/2016 1612	08/26/2016
032	BL-SS-75D	Solid	08/25/2016 1622	08/26/2016
033	BL-SS-67-DUP	Solid	08/24/2016 1336	08/26/2016

(33 samples)

Executive Summary
synTerra
Lot Number: RH26003

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	BL-SS-70	Solid	Aroclor 1248	8082A	37000		ug/kg	10
001	BL-SS-70	Solid	Aroclor 1254	8082A	48000		ug/kg	10
002	BL-SS-48A	Solid	Aroclor 1248	8082A	4900		ug/kg	11
002	BL-SS-48A	Solid	Aroclor 1254	8082A	7900		ug/kg	11
003	BL-SS-74	Solid	Aroclor 1248	8082A	2100		ug/kg	12
003	BL-SS-74	Solid	Aroclor 1254	8082A	5300		ug/kg	12
004	BL-SS-58	Solid	Aroclor 1248	8082A	12000		ug/kg	13
004	BL-SS-58	Solid	Aroclor 1254	8082A	7400		ug/kg	13
005	BL-SS-48B	Solid	Aroclor 1248	8082A	4100		ug/kg	14
005	BL-SS-48B	Solid	Aroclor 1254	8082A	6700		ug/kg	14
006	BL-SS-52B	Solid	Aroclor 1248	8082A	850		ug/kg	15
006	BL-SS-52B	Solid	Aroclor 1254	8082A	1400		ug/kg	15
008	BL-SS-73	Solid	Aroclor 1254	8082A	2400		ug/kg	17
009	BL-SS-52	Solid	Aroclor 1248	8082A	41000		ug/kg	18
009	BL-SS-52	Solid	Aroclor 1254	8082A	63000		ug/kg	18
010	BL-SB-80	Solid	Aroclor 1248	8082A	20000		ug/kg	19
010	BL-SB-80	Solid	Aroclor 1254	8082A	22000		ug/kg	19
011	BL-SS-59	Solid	Aroclor 1254	8082A	33		ug/kg	20
012	BL-SS-52A	Solid	Aroclor 1248	8082A	110000		ug/kg	21
012	BL-SS-52A	Solid	Aroclor 1254	8082A	110000		ug/kg	21
013	BL-SS-75	Solid	Aroclor 1248	8082A	160000		ug/kg	22
013	BL-SS-75	Solid	Aroclor 1254	8082A	180000		ug/kg	22
015	BL-SS-53A	Solid	Aroclor 1248	8082A	180		ug/kg	23
015	BL-SS-53A	Solid	Aroclor 1254	8082A	300		ug/kg	23
016	BL-SS-11A	Solid	Aroclor 1248	8082A	130000		ug/kg	24
016	BL-SS-11A	Solid	Aroclor 1254	8082A	100000		ug/kg	24
017	BL-WA-01	Solid	Aroclor 1248	8082A	260000		ug/kg	28
017	BL-WA-01	Solid	delta-BHC	8081B	230	P	ug/kg	29
017	BL-WA-01	Solid	trans-Chlordane	8081B	2900		ug/kg	29
017	BL-WA-01	Solid	4,4'-DDE	8081B	2500		ug/kg	29
017	BL-WA-01	Solid	4,4'-DDT	8081B	1700		ug/kg	29
017	BL-WA-01	Solid	Dieldrin	8081B	4600		ug/kg	29
017	BL-WA-01	Solid	Endosulfan II	8081B	510	P	ug/kg	29
017	BL-WA-01	Solid	Endrin	8081B	770		ug/kg	29
017	BL-WA-01	Solid	Endrin aldehyde	8081B	290		ug/kg	29
017	BL-WA-01	Solid	Endrin ketone	8081B	320		ug/kg	29
017	BL-WA-01	Solid	Heptachlor epoxide	8081B	560	P	ug/kg	29
017	BL-WA-01	Solid	Aluminum	6010C	28000		mg/kg	30
017	BL-WA-01	Solid	Arsenic	6010C	0.90		mg/kg	30
017	BL-WA-01	Solid	Barium	6010C	930		mg/kg	30
017	BL-WA-01	Solid	Cadmium	6010C	1.8		mg/kg	30
017	BL-WA-01	Solid	Calcium	6010C	2100		mg/kg	30
017	BL-WA-01	Solid	Chromium	6010C	87		mg/kg	30
017	BL-WA-01	Solid	Copper	6010C	410		mg/kg	30
017	BL-WA-01	Solid	Iron	6010C	13000		mg/kg	30

Executive Summary (Continued)

Lot Number: RH26003

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
017	BL-WA-01	Solid	Lead	6010C	7.9		mg/kg	30
017	BL-WA-01	Solid	Manganese	6010C	63		mg/kg	30
017	BL-WA-01	Solid	Mercury	7471B	9.7		mg/kg	30
017	BL-WA-01	Solid	Nickel	6010C	3.7		mg/kg	30
017	BL-WA-01	Solid	Vanadium	6010C	5.3		mg/kg	30
017	BL-WA-01	Solid	Zinc	6010C	11000		mg/kg	30
018	BL-SS-48	Solid	Aroclor 1248	8082A	490000		ug/kg	34
018	BL-SS-48	Solid	Aroclor 1254	8082A	590000		ug/kg	34
018	BL-SS-48	Solid	trans-Chlordane	8081B	14000		ug/kg	35
018	BL-SS-48	Solid	4,4'-DDE	8081B	9300	P	ug/kg	35
018	BL-SS-48	Solid	4,4'-DDT	8081B	15000		ug/kg	35
018	BL-SS-48	Solid	Dieldrin	8081B	28000		ug/kg	35
018	BL-SS-48	Solid	Endosulfan I	8081B	2500	P	ug/kg	35
018	BL-SS-48	Solid	Endosulfan II	8081B	4400	P	ug/kg	35
018	BL-SS-48	Solid	Endrin	8081B	3100	P	ug/kg	35
018	BL-SS-48	Solid	Endrin aldehyde	8081B	2800		ug/kg	35
018	BL-SS-48	Solid	Heptachlor epoxide	8081B	1200	P	ug/kg	35
018	BL-SS-48	Solid	Aluminum	6010C	6300		mg/kg	36
018	BL-SS-48	Solid	Arsenic	6010C	2.1		mg/kg	36
018	BL-SS-48	Solid	Barium	6010C	25		mg/kg	36
018	BL-SS-48	Solid	Calcium	6010C	280		mg/kg	36
018	BL-SS-48	Solid	Chromium	6010C	11		mg/kg	36
018	BL-SS-48	Solid	Copper	6010C	12		mg/kg	36
018	BL-SS-48	Solid	Iron	6010C	4900		mg/kg	36
018	BL-SS-48	Solid	Lead	6010C	18		mg/kg	36
018	BL-SS-48	Solid	Manganese	6010C	43		mg/kg	36
018	BL-SS-48	Solid	Nickel	6010C	2.1		mg/kg	36
018	BL-SS-48	Solid	Vanadium	6010C	13		mg/kg	36
018	BL-SS-48	Solid	Zinc	6010C	31		mg/kg	36
019	BL-WA-2	Solid	Aroclor 1248	8082A	14000		ug/kg	40
019	BL-WA-2	Solid	delta-BHC	8081B	22	P	ug/kg	41
019	BL-WA-2	Solid	trans-Chlordane	8081B	80	P	ug/kg	41
019	BL-WA-2	Solid	4,4'-DDT	8081B	150		ug/kg	41
019	BL-WA-2	Solid	Dieldrin	8081B	240		ug/kg	41
019	BL-WA-2	Solid	Endrin	8081B	21	P	ug/kg	41
019	BL-WA-2	Solid	Aluminum	6010C	440		mg/kg	42
019	BL-WA-2	Solid	Barium	6010C	95		mg/kg	42
019	BL-WA-2	Solid	Cadmium	6010C	1.0		mg/kg	42
019	BL-WA-2	Solid	Calcium	6010C	2500		mg/kg	42
019	BL-WA-2	Solid	Chromium	6010C	70		mg/kg	42
019	BL-WA-2	Solid	Copper	6010C	330		mg/kg	42
019	BL-WA-2	Solid	Iron	6010C	2800		mg/kg	42
019	BL-WA-2	Solid	Lead	6010C	6.6		mg/kg	42
019	BL-WA-2	Solid	Manganese	6010C	12		mg/kg	42
019	BL-WA-2	Solid	Mercury	7471B	0.52		mg/kg	42
019	BL-WA-2	Solid	Nickel	6010C	2.2		mg/kg	42
019	BL-WA-2	Solid	Zinc	6010C	4800		mg/kg	42
020	BL-SS-57	Solid	Aroclor 1248	8082A	4500		ug/kg	46

Executive Summary (Continued)

Lot Number: RH26003

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
020	BL-SS-57	Solid	Aroclor 1254	8082A	3700		ug/kg	46
020	BL-SS-57	Solid	trans-Chlordane	8081B	88		ug/kg	47
020	BL-SS-57	Solid	4,4'-DDE	8081B	20	P	ug/kg	47
020	BL-SS-57	Solid	4,4'-DDT	8081B	87		ug/kg	47
020	BL-SS-57	Solid	Dieldrin	8081B	140		ug/kg	47
020	BL-SS-57	Solid	Endrin	8081B	15	P	ug/kg	47
020	BL-SS-57	Solid	Endrin ketone	8081B	10		ug/kg	47
020	BL-SS-57	Solid	Heptachlor epoxide	8081B	7.2	P	ug/kg	47
020	BL-SS-57	Solid	Aluminum	6010C	10000		mg/kg	48
020	BL-SS-57	Solid	Arsenic	6010C	1.7		mg/kg	48
020	BL-SS-57	Solid	Barium	6010C	27		mg/kg	48
020	BL-SS-57	Solid	Calcium	6010C	280		mg/kg	48
020	BL-SS-57	Solid	Chromium	6010C	11		mg/kg	48
020	BL-SS-57	Solid	Copper	6010C	4.8		mg/kg	48
020	BL-SS-57	Solid	Iron	6010C	8500		mg/kg	48
020	BL-SS-57	Solid	Lead	6010C	8.0		mg/kg	48
020	BL-SS-57	Solid	Manganese	6010C	76		mg/kg	48
020	BL-SS-57	Solid	Nickel	6010C	3.0		mg/kg	48
020	BL-SS-57	Solid	Vanadium	6010C	22		mg/kg	48
020	BL-SS-57	Solid	Zinc	6010C	9.5		mg/kg	48
021	BL-BKG-SS	Solid	Aluminum	6010C	1100		mg/kg	56
021	BL-BKG-SS	Solid	Barium	6010C	3.2		mg/kg	56
021	BL-BKG-SS	Solid	Chromium	6010C	1.1		mg/kg	56
021	BL-BKG-SS	Solid	Copper	6010C	0.97		mg/kg	56
021	BL-BKG-SS	Solid	Iron	6010C	980		mg/kg	56
021	BL-BKG-SS	Solid	Lead	6010C	0.81		mg/kg	56
021	BL-BKG-SS	Solid	Manganese	6010C	9.0		mg/kg	56
021	BL-BKG-SS	Solid	Vanadium	6010C	2.4		mg/kg	56
021	BL-BKG-SS	Solid	Zinc	6010C	3.8		mg/kg	56
022	BL-BKG-SD	Solid	Acetone	8260B	49		ug/kg	58
022	BL-BKG-SD	Solid	Aroclor 1248	8082A	19		ug/kg	62
022	BL-BKG-SD	Solid	4,4'-DDE	8081B	7.0		ug/kg	63
022	BL-BKG-SD	Solid	Aluminum	6010C	18000		mg/kg	64
022	BL-BKG-SD	Solid	Arsenic	6010C	1.5		mg/kg	64
022	BL-BKG-SD	Solid	Barium	6010C	27		mg/kg	64
022	BL-BKG-SD	Solid	Calcium	6010C	360		mg/kg	64
022	BL-BKG-SD	Solid	Chromium	6010C	24		mg/kg	64
022	BL-BKG-SD	Solid	Copper	6010C	16		mg/kg	64
022	BL-BKG-SD	Solid	Iron	6010C	30000		mg/kg	64
022	BL-BKG-SD	Solid	Lead	6010C	11		mg/kg	64
022	BL-BKG-SD	Solid	Manganese	6010C	20		mg/kg	64
022	BL-BKG-SD	Solid	Nickel	6010C	5.1		mg/kg	64
022	BL-BKG-SD	Solid	Vanadium	6010C	44		mg/kg	64
022	BL-BKG-SD	Solid	Zinc	6010C	17		mg/kg	64
023	BL-BKG-SB	Solid	Acetone	8260B	15		ug/kg	66
023	BL-BKG-SB	Solid	Methyl acetate	8260B	3.9		ug/kg	66
023	BL-BKG-SB	Solid	Aroclor 1248	8082A	15		ug/kg	70
023	BL-BKG-SB	Solid	Aluminum	6010C	16000		mg/kg	72

Executive Summary (Continued)

Lot Number: RH26003

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
023	BL-BKG-SB	Solid	Arsenic	6010C	1.5		mg/kg	72
023	BL-BKG-SB	Solid	Barium	6010C	16		mg/kg	72
023	BL-BKG-SB	Solid	Chromium	6010C	17		mg/kg	72
023	BL-BKG-SB	Solid	Copper	6010C	4.5		mg/kg	72
023	BL-BKG-SB	Solid	Iron	6010C	16000		mg/kg	72
023	BL-BKG-SB	Solid	Lead	6010C	5.9		mg/kg	72
023	BL-BKG-SB	Solid	Magnesium	6010C	280		mg/kg	72
023	BL-BKG-SB	Solid	Manganese	6010C	8.8		mg/kg	72
023	BL-BKG-SB	Solid	Nickel	6010C	4.2		mg/kg	72
023	BL-BKG-SB	Solid	Vanadium	6010C	39		mg/kg	72
023	BL-BKG-SB	Solid	Zinc	6010C	6.5		mg/kg	72
024	BL-SS-67	Solid	Aroclor 1248	8082A	1700		ug/kg	76
024	BL-SS-67	Solid	Aroclor 1254	8082A	2200		ug/kg	76
024	BL-SS-67	Solid	trans-Chlordane	8081B	37		ug/kg	77
024	BL-SS-67	Solid	4,4'-DDE	8081B	16	P	ug/kg	77
024	BL-SS-67	Solid	4,4'-DDT	8081B	68		ug/kg	77
024	BL-SS-67	Solid	Dieldrin	8081B	66		ug/kg	77
024	BL-SS-67	Solid	Aluminum	6010C	14000		mg/kg	78
024	BL-SS-67	Solid	Arsenic	6010C	2.0		mg/kg	78
024	BL-SS-67	Solid	Barium	6010C	43		mg/kg	78
024	BL-SS-67	Solid	Calcium	6010C	1400		mg/kg	78
024	BL-SS-67	Solid	Chromium	6010C	15		mg/kg	78
024	BL-SS-67	Solid	Copper	6010C	6.3		mg/kg	78
024	BL-SS-67	Solid	Iron	6010C	10000		mg/kg	78
024	BL-SS-67	Solid	Lead	6010C	9.4		mg/kg	78
024	BL-SS-67	Solid	Magnesium	6010C	360		mg/kg	78
024	BL-SS-67	Solid	Manganese	6010C	130		mg/kg	78
024	BL-SS-67	Solid	Nickel	6010C	4.3		mg/kg	78
024	BL-SS-67	Solid	Potassium	6010C	360		mg/kg	78
024	BL-SS-67	Solid	Vanadium	6010C	27		mg/kg	78
024	BL-SS-67	Solid	Zinc	6010C	18		mg/kg	78
025	BL-SS-53	Solid	bis(2-Ethylhexyl)phthalate	8270D	370		ug/kg	80
025	BL-SS-53	Solid	Aroclor 1248	8082A	42000		ug/kg	82
025	BL-SS-53	Solid	Aroclor 1254	8082A	48000		ug/kg	82
025	BL-SS-53	Solid	trans-Chlordane	8081B	1200		ug/kg	83
025	BL-SS-53	Solid	4,4'-DDD	8081B	61	P	ug/kg	83
025	BL-SS-53	Solid	4,4'-DDE	8081B	57	P	ug/kg	83
025	BL-SS-53	Solid	4,4'-DDT	8081B	1300		ug/kg	83
025	BL-SS-53	Solid	Dieldrin	8081B	2200		ug/kg	83
025	BL-SS-53	Solid	Endosulfan sulfate	8081B	130		ug/kg	83
025	BL-SS-53	Solid	Endrin	8081B	290	P	ug/kg	83
025	BL-SS-53	Solid	Endrin aldehyde	8081B	100	P	ug/kg	83
025	BL-SS-53	Solid	Endrin ketone	8081B	220		ug/kg	83
025	BL-SS-53	Solid	Heptachlor epoxide	8081B	120	P	ug/kg	83
025	BL-SS-53	Solid	Aluminum	6010C	11000		mg/kg	84
025	BL-SS-53	Solid	Arsenic	6010C	1.7		mg/kg	84
025	BL-SS-53	Solid	Barium	6010C	24		mg/kg	84
025	BL-SS-53	Solid	Calcium	6010C	390		mg/kg	84

Executive Summary (Continued)

Lot Number: RH26003

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
025	BL-SS-53	Solid	Chromium	6010C	15		mg/kg	84
025	BL-SS-53	Solid	Copper	6010C	5.5		mg/kg	84
025	BL-SS-53	Solid	Iron	6010C	9000		mg/kg	84
025	BL-SS-53	Solid	Lead	6010C	8.7		mg/kg	84
025	BL-SS-53	Solid	Magnesium	6010C	240		mg/kg	84
025	BL-SS-53	Solid	Manganese	6010C	38		mg/kg	84
025	BL-SS-53	Solid	Nickel	6010C	3.3		mg/kg	84
025	BL-SS-53	Solid	Vanadium	6010C	24		mg/kg	84
025	BL-SS-53	Solid	Zinc	6010C	21		mg/kg	84
026	BL-SD-19	Solid	Aroclor 1248	8082A	47		ug/kg	88
026	BL-SD-19	Solid	Aroclor 1254	8082A	45		ug/kg	88
026	BL-SD-19	Solid	trans-Chlordane	8081B	1.3	P	ug/kg	89
026	BL-SD-19	Solid	4,4'-DDE	8081B	6.0		ug/kg	89
026	BL-SD-19	Solid	4,4'-DDT	8081B	2.3	P	ug/kg	89
026	BL-SD-19	Solid	Dieldrin	8081B	1.7	P	ug/kg	89
026	BL-SD-19	Solid	Aluminum	6010C	6100		mg/kg	90
026	BL-SD-19	Solid	Barium	6010C	31		mg/kg	90
026	BL-SD-19	Solid	Chromium	6010C	6.2		mg/kg	90
026	BL-SD-19	Solid	Copper	6010C	3.4		mg/kg	90
026	BL-SD-19	Solid	Iron	6010C	3100		mg/kg	90
026	BL-SD-19	Solid	Lead	6010C	11		mg/kg	90
026	BL-SD-19	Solid	Manganese	6010C	20		mg/kg	90
026	BL-SD-19	Solid	Nickel	6010C	2.3		mg/kg	90
026	BL-SD-19	Solid	Vanadium	6010C	10		mg/kg	90
026	BL-SD-19	Solid	Zinc	6010C	15		mg/kg	90
027	BL-DS-19	Solid	Aluminum	6010C	7100		mg/kg	96
027	BL-DS-19	Solid	Arsenic	6010C	1.0		mg/kg	96
027	BL-DS-19	Solid	Barium	6010C	51		mg/kg	96
027	BL-DS-19	Solid	Chromium	6010C	7.6		mg/kg	96
027	BL-DS-19	Solid	Copper	6010C	3.3		mg/kg	96
027	BL-DS-19	Solid	Iron	6010C	4800		mg/kg	96
027	BL-DS-19	Solid	Lead	6010C	7.6		mg/kg	96
027	BL-DS-19	Solid	Manganese	6010C	32		mg/kg	96
027	BL-DS-19	Solid	Nickel	6010C	2.6		mg/kg	96
027	BL-DS-19	Solid	Vanadium	6010C	13		mg/kg	96
027	BL-DS-19	Solid	Zinc	6010C	9.1		mg/kg	96
028	BL-SS-48	Solid	Acetone	8260B	110		ug/kg	97
028	BL-SS-48	Solid	Isopropylbenzene	8260B	77		ug/kg	97
029	BL-SS-75A	Solid	Aroclor 1248	8082A	2100		ug/kg	99
029	BL-SS-75A	Solid	Aroclor 1254	8082A	2900		ug/kg	99
030	BL-SS-75B	Solid	Aroclor 1248	8082A	610		ug/kg	100
030	BL-SS-75B	Solid	Aroclor 1254	8082A	1800		ug/kg	100
031	BL-SS-75C	Solid	Aroclor 1254	8082A	88		ug/kg	101
032	BL-SS-75D	Solid	Aroclor 1248	8082A	410		ug/kg	102
032	BL-SS-75D	Solid	Aroclor 1254	8082A	610		ug/kg	102
033	BL-SS-67-DUP	Solid	Aroclor 1248	8082A	1200		ug/kg	106
033	BL-SS-67-DUP	Solid	Aroclor 1254	8082A	1600		ug/kg	106
033	BL-SS-67-DUP	Solid	trans-Chlordane	8081B	27		ug/kg	107

Executive Summary (Continued)

Lot Number: RH26003

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
033	BL-SS-67-DUP	Solid	4,4'-DDT	8081B	47		ug/kg	107
033	BL-SS-67-DUP	Solid	Dieldrin	8081B	46		ug/kg	107
033	BL-SS-67-DUP	Solid	Aluminum	6010C	18000		mg/kg	108
033	BL-SS-67-DUP	Solid	Arsenic	6010C	2.1		mg/kg	108
033	BL-SS-67-DUP	Solid	Barium	6010C	34		mg/kg	108
033	BL-SS-67-DUP	Solid	Calcium	6010C	950		mg/kg	108
033	BL-SS-67-DUP	Solid	Chromium	6010C	18		mg/kg	108
033	BL-SS-67-DUP	Solid	Copper	6010C	6.4		mg/kg	108
033	BL-SS-67-DUP	Solid	Iron	6010C	12000		mg/kg	108
033	BL-SS-67-DUP	Solid	Lead	6010C	8.4		mg/kg	108
033	BL-SS-67-DUP	Solid	Magnesium	6010C	380		mg/kg	108
033	BL-SS-67-DUP	Solid	Manganese	6010C	96		mg/kg	108
033	BL-SS-67-DUP	Solid	Nickel	6010C	5.8		mg/kg	108
033	BL-SS-67-DUP	Solid	Potassium	6010C	380		mg/kg	108
033	BL-SS-67-DUP	Solid	Vanadium	6010C	33		mg/kg	108
033	BL-SS-67-DUP	Solid	Zinc	6010C	14		mg/kg	108

(253 detections)

Client: **synTerra**
Description: **BL-SS-70**
Date Sampled: **08/25/2016 1142**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-001**
Matrix: **Solid**
% Solids: **82.0** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	500	09/01/2016 0030	MEM	08/30/2016 2147	21021

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		6000	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		6000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		6000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		6000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**37000**		**6000**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**48000**		**6000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		6000	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		127	41-132
Tetrachloro-m-xylene		92	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-48A**
Date Sampled: **08/25/2016 1000**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-002**
Matrix: **Solid**
% Solids: **85.4** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	09/06/2016 1320	MEM	09/02/2016 1100	21229

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		560	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		560	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		560	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		560	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**4900**		**560**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**7900**		**560**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		560	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		129	41-132
Tetrachloro-m-xylene		93	35-106

QL = Practical quantitation limit
D = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-74**
Date Sampled: **08/25/2016 1110**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-003**
Matrix: **Solid**
% Solids: **83.8** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	09/07/2016 0930	MEM	09/02/2016 1100	21229

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		590	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		590	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		590	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		590	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**2100**		**590**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**5300**		**590**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		590	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		106	41-132
Tetrachloro-m-xylene		95	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-58**
Date Sampled: **08/25/2016 1550**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-004**
Matrix: **Solid**
% Solids: **92.3** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	09/07/2016 0943	MEM	09/02/2016 1100	21229

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		530	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		530	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		530	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		530	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**12000**		**530**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**7400**		**530**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		530	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		122	41-132
Tetrachloro-m-xylene		98	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-48B**
Date Sampled: **08/25/2016 1004**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-005**
Matrix: **Solid**
% Solids: **90.9** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	09/07/2016 0956	MEM	09/02/2016 1100	21229

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		540	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		540	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		540	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		540	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**4100**		**540**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**6700**		**540**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		540	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		122	41-132
Tetrachloro-m-xylene		103	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-52B**
Date Sampled: **08/25/2016 1017**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-006**
Matrix: **Solid**
% Solids: **76.9** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/07/2016 1401	MEM	09/02/2016 1925	21292

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		130	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		130	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		130	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		130	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**850**		**130**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**1400**		**130**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		130	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		112	41-132
Tetrachloro-m-xylene		86	35-106

QL = Practical quantitation limit
D = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
here applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-63**
Date Sampled: **08/24/2016 1600**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-007**
Matrix: **Solid**
% Solids: **85.2** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/06/2016 1254	MEM	09/02/2016 1100	21229

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		11	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		11	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		11	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		11	ug/kg	1
Aroclor 1248	12672-29-6	8082A	ND		11	ug/kg	1
Aroclor 1254	11097-69-1	8082A	ND		11	ug/kg	1
Aroclor 1260	11096-82-5	8082A	ND		11	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		68	41-132
Tetrachloro-m-xylene		66	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-73**
Date Sampled: **08/25/2016 1120**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-008**
Matrix: **Solid**
% Solids: **86.4** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/02/2016 2152	MEM	09/02/2016 1100	21229

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		110	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		110	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		110	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		110	ug/kg	1
Aroclor 1248	12672-29-6	8082A	ND		110	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**2400**		**110**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		110	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		61	41-132
Tetrachloro-m-xylene		64	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-52**
Date Sampled: **08/25/2016 1700**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-009**
Matrix: **Solid**
% Solids: **83.2** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	500	09/07/2016 1010	MEM	09/02/2016 1100	21229

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		6000	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		6000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		6000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		6000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**41000**		**6000**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**63000**		**6000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		6000	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		123	41-132
Tetrachloro-m-xylene	N	126	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SB-80**
Date Sampled: **08/23/2016 1152**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-010**
Matrix: **Solid**
% Solids: **88.3** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	100	09/07/2016 1023	MEM	09/02/2016 1100	21229

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		1100	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		1100	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		1100	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		1100	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**20000**		**1100**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**22000**		**1100**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		1100	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		121	41-132
Tetrachloro-m-xylene	N	120	35-106

PQL = Practical quantitation limit
MDL = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-59**
Date Sampled: **08/24/2016 1545**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-011**
Matrix: **Solid**
% Solids: **96.6** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/06/2016 1307	MEM	09/02/2016 1100	21229

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		9.5	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		9.5	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		9.5	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		9.5	ug/kg	1
Aroclor 1248	12672-29-6	8082A	ND		9.5	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**33**		**9.5**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		9.5	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		75	41-132
Tetrachloro-m-xylene		77	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RH26003-012**
Description: **BL-SS-52A**	Matrix: **Solid**
Date Sampled: **08/25/2016 1025**	% Solids: **85.5** **08/26/2016 2125**
Date Received: **08/26/2016**	

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1000	09/07/2016 1036	MEM	09/02/2016 1100	21229

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		11000	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		11000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		11000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		11000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**110000**		**11000**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**110000**		**11000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		11000	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	1320	41-132
Tetrachloro-m-xylene	N	1110	35-106

QL = Practical quantitation limit
D = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria

here applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-75**
Date Sampled: **08/25/2016 1108**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-013**
Matrix: **Solid**
% Solids: **84.5** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1000	09/07/2016 1049	MEM	09/02/2016 1100	21229

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		11000	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		11000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		11000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		11000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**160000**		**11000**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**180000**		**11000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		11000	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	224	41-132
Tetrachloro-m-xylene		71	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-53A**
Date Sampled: **08/25/2016 1020**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-015**
Matrix: **Solid**
% Solids: **86.4** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/07/2016 1414	MEM	09/02/2016 1925	21292

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		110	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		110	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		110	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		110	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**180**		**110**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**300**		**110**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		110	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		94	41-132
Tetrachloro-m-xylene		89	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-11A**
Date Sampled: **08/25/2016 1207**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-016**
Matrix: **Solid**
% Solids: **92.8** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1000	09/07/2016 1640	MEM	09/02/2016 1925	21292

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		11000	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		11000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		11000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		11000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**130000**		**11000**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**100000**		**11000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		11000	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	277	41-132
Tetrachloro-m-xylene	N	110	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-WA-01**
Date Sampled: **08/24/2016 1318**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-017**
Matrix: **Solid**
% Solids: **98.3** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	9012B	(Cyanide - To) 9012B	1	08/30/2016 1819	MJI	08/30/2016 1145	20971

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Cyanide - Total	57-12-5	9012B	ND		0.51	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-WA-01**
Date Sampled: **08/24/2016 1318**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-017**
Matrix: **Solid**
% Solids: **98.3** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	2	09/06/2016 1448	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		670	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		670	ug/kg	1
Acetophenone	98-86-2	8270D	ND		670	ug/kg	1
Anthracene	120-12-7	8270D	ND		670	ug/kg	1
Atrazine	1912-24-9	8270D	ND		670	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		1700	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		670	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		670	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		670	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		670	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		670	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		670	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		670	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		670	ug/kg	1
Caprolactam	105-60-2	8270D	ND		1700	ug/kg	1
Carbazole	86-74-8	8270D	ND		670	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		670	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		670	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		670	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		670	ug/kg	1
bis (2-Chloro-1-methylethyl) ether	108-60-1	8270D	ND		670	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		670	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		670	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		670	ug/kg	1
Chrysene	218-01-9	8270D	ND		670	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		670	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		670	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		670	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		670	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		1700	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		670	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		670	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		670	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		670	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		1700	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		1700	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		670	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		670	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		670	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		670	ug/kg	1
Fluorene	86-73-7	8270D	ND		670	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		670	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		670	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		1700	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Semivolatile Organic Compounds by GC/MS

Client: **synTerra**	Laboratory ID: **RH26003-017**
Description: **BL-WA-01**	Matrix: **Solid**
Date Sampled: **08/24/2016 1318**	% Solids: **98.3** **08/26/2016 2125**
Date Received: **08/26/2016**	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	2	09/06/2016 1448	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		670	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		670	ug/kg	1
Isophorone	78-59-1	8270D	ND		670	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		670	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		670	ug/kg	1
3+4-Methylphenol	106-44-5	8270D	ND		1400	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		670	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		670	ug/kg	1
Naphthalene	91-20-3	8270D	ND		670	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		670	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		670	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		670	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		670	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		670	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		1700	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		1700	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		670	ug/kg	1
Phenol	108-95-2	8270D	ND		670	ug/kg	1
Pyrene	129-00-0	8270D	ND		670	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		670	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		670	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		42	30-117
2-Fluorobiphenyl		42	33-102
2-Fluorophenol		41	28-104
Nitrobenzene-d5		43	22-109
Phenol-d5		44	27-103
Terphenyl-d14		43	41-120

QL = Practical quantitation limit
D = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
here applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-WA-01**
Date Sampled: **08/24/2016 1318**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-017**
Matrix: **Solid**
% Solids: **98.3** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1000	09/02/2016 1914	MEM	09/01/2016 1342	21164

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		10000	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		10000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		10000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		10000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**260000**		**10000**	**ug/kg**	**1**
Aroclor 1254	11097-69-1	8082A	ND		10000	ug/kg	1
Aroclor 1260	11096-82-5	8082A	ND		10000	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	453	41-132
Tetrachloro-m-xylene	N	570	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exc eded the calibration range
P = The RPD between two GC col nns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-WA-01**
Date Sampled: **08/24/2016 1318**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-017**
Matrix: **Solid**
% Solids: **98.3** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	200	09/06/2016 1653	PMS	09/01/2016 1342	21166

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		200	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		200	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		200	ug/kg	1
beta-BHC	319-85-7	8081B	ND		200	ug/kg	1
delta-BHC	**319-86-8**	**8081B**	**230**	**P**	**200**	**ug/kg**	**1**
Chlordane	57-74-9	8081B	ND		410	ug/kg	1
cis-Chlordane	5103-71-9	8081B	ND		200	ug/kg	1
trans-Chlordane	**5103-74-2**	**8081B**	**2900**		**200**	**ug/kg**	**1**
4,4'-DDD	72-54-8	8081B	ND		200	ug/kg	1
4,4'-DDE	**72-55-9**	**8081B**	**2500**		**200**	**ug/kg**	**1**
4,4'-DDT	**50-29-3**	**8081B**	**1700**		**200**	**ug/kg**	**1**
Dieldrin	**60-57-1**	**8081B**	**4600**		**200**	**ug/kg**	**1**
Endosulfan I	959-98-8	8081B	ND		200	ug/kg	1
Endosulfan II	**33213-65-9**	**8081B**	**510**	**P**	**200**	**ug/kg**	**1**
Endosulfan sulfate	1031-07-8	8081B	ND		200	ug/kg	1
Endrin	**72-20-8**	**8081B**	**770**		**200**	**ug/kg**	**1**
Endrin aldehyde	**7421-93-4**	**8081B**	**290**		**200**	**ug/kg**	**1**
Endrin ketone	**53494-70-5**	**8081B**	**320**		**200**	**ug/kg**	**1**
Heptachlor	76-44-8	8081B	ND		200	ug/kg	1
Heptachlor epoxide	**1024-57-3**	**8081B**	**560**	**P**	**200**	**ug/kg**	**1**
Methoxychlor	72-43-5	8081B	ND		810	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		2000	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	417	57-110
Tetrachloro-m-xylene	N	0.00	37-91

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-WA-01**
Date Sampled: **08/24/2016 1318**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-017**
Matrix: **Solid**
% Solids: **98.3** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7471B	7471B	10	08/30/2016 1404	CLM	08/29/2016 0936	20870
1	3050B	6010C	1	09/03/2016 1427	CJZ	08/31/2016 1101	21039
3	3050B	6010C	5	09/07/2016 1315	CJZ	08/31/2016 1101	21039
4	3050B	6010C	25	09/12/2016 1623	NCM	08/31/2016 1101	21039

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aluminum	**7429-90-5**	**6010C**	**28000**		**98**	**mg/kg**	**3**
Antimony	7440-36-0	6010C	ND		0.98	mg/kg	1
Arsenic	**7440-38-2**	**6010C**	**0.90**		**0.73**	**mg/kg**	**1**
Barium	**7440-39-3**	**6010C**	**930**		**6.3**	**mg/kg**	**3**
Beryllium	7440-41-7	6010C	ND		1.2	mg/kg	3
Cadmium	**7440-43-9**	**6010C**	**1.8**		**0.24**	**mg/kg**	**1**
Calcium	**7440-70-2**	**6010C**	**2100**		**240**	**mg/kg**	**1**
Chromium	**7440-47-3**	**6010C**	**87**		**0.49**	**mg/kg**	**1**
Cobalt	7440-48-4	6010C	ND		1.3	mg/kg	1
Copper	**7440-50-8**	**6010C**	**410**		**0.49**	**mg/kg**	**1**
Iron	**7439-89-6**	**6010C**	**13000**		**24**	**mg/kg**	**3**
Lead	**7439-92-1**	**6010C**	**7.9**		**0.49**	**mg/kg**	**1**
Magnesium	7439-95-4	6010C	ND		240	mg/kg	1
Manganese	**7439-96-5**	**6010C**	**63**		**0.73**	**mg/kg**	**1**
Mercury	**7439-97-6**	**7471B**	**9.7**		**0.81**	**mg/kg**	**1**
Nickel	**7440-02-0**	**6010C**	**3.7**		**2.0**	**mg/kg**	**1**
Potassium	7440-09-7	6010C	ND		1200	mg/kg	3
Selenium	7782-49-2	6010C	ND		0.98	mg/kg	1
Silver	7440-22-4	6010C	ND		0.49	mg/kg	1
Sodium	7440-23-5	6010C	ND		1200	mg/kg	3
Thallium	7440-28-0	6010C	ND		2.4	mg/kg	1
Vanadium	**7440-62-2**	**6010C**	**5.3**		**2.4**	**mg/kg**	**1**
Zinc	**7440-66-6**	**6010C**	**11000**		**61**	**mg/kg**	**4**

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-48**
Date Sampled: **08/24/2016 1648**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-018**
Matrix: **Solid**
% Solids: **92.9** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	9012B	(Cyanide - To) 9012B	1	08/30/2016 1823	MJI	08/30/2016 1145	20971

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Cyanide - Total	57-12-5	9012B	ND		0.54	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-48**
Date Sampled: **08/24/2016 1648**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-018**
Matrix: **Solid**
% Solids: **92.9** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	09/02/2016 1656	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		350	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		350	ug/kg	1
Acetophenone	98-86-2	8270D	ND		350	ug/kg	1
Anthracene	120-12-7	8270D	ND		350	ug/kg	1
Atrazine	1912-24-9	8270D	ND		350	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		880	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		350	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		350	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		350	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		350	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		350	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		350	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		350	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		350	ug/kg	1
Caprolactam	105-60-2	8270D	ND		880	ug/kg	1
Carbazole	86-74-8	8270D	ND		350	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		350	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		350	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		350	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		350	ug/kg	1
bis (2-Chloro-1-methylethyl) ether	108-60-1	8270D	ND		350	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		350	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		350	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		350	ug/kg	1
Chrysene	218-01-9	8270D	ND		350	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		350	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		350	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		350	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		350	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		880	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		350	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		350	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		350	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		350	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		880	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		880	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		350	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		350	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		350	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		350	ug/kg	1
Fluorene	86-73-7	8270D	ND		350	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		350	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		350	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		880	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Semivolatile Organic Compounds by GC/MS

Client: **synTerra**	Laboratory ID: **RH26003-018**
Description: **BL-SS-48**	Matrix: **Solid**
Date Sampled: **08/24/2016 1648**	% Solids: **92.9** **08/26/2016 2125**
Date Received: **08/26/2016**	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	09/02/2016 1656	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		350	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		350	ug/kg	1
Isophorone	78-59-1	8270D	ND		350	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		350	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		350	ug/kg	1
3+4-Methylphenol	106-44-5	8270D	ND		710	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		350	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		350	ug/kg	1
Naphthalene	91-20-3	8270D	ND		350	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		350	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		350	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		350	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		350	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		350	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		880	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		880	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		350	ug/kg	1
Phenol	108-95-2	8270D	ND		350	ug/kg	1
Pyrene	129-00-0	8270D	ND		350	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		350	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		350	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		73	30-117
2-Fluorobiphenyl		64	33-102
2-Fluorophenol		59	28-104
Nitrobenzene-d5		62	22-109
Phenol-d5		65	27-103
Terphenyl-d14		87	41-120

QL = Practical quantitation limit
D = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
here applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-48**
Date Sampled: **08/24/2016 1648**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-018**
Matrix: **Solid**
% Solids: **92.9** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	2000	09/02/2016 1502	MEM	08/31/2016 2206	21111

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		21000	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		21000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		21000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		21000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**490000**		**21000**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**590000**		**21000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		21000	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	524	41-132
Tetrachloro-m-xylene		71	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-48**
Date Sampled: **08/24/2016 1648**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-018**
Matrix: **Solid**
% Solids: **92.9** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	1000	09/02/2016 1113	PMS	08/31/2016 2206	21110

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		1000	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		1000	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		1000	ug/kg	1
beta-BHC	319-85-7	8081B	ND		1000	ug/kg	1
delta-BHC	319-86-8	8081B	ND		1000	ug/kg	1
Chlordane	57-74-9	8081B	ND		2100	ug/kg	1
cis-Chlordane	5103-71-9	8081B	ND		1000	ug/kg	1
trans-Chlordane	**5103-74-2**	**8081B**	**14000**		**1000**	**ug/kg**	**1**
4,4'-DDD	72-54-8	8081B	ND		1000	ug/kg	1
4,4'-DDE	**72-55-9**	**8081B**	**9300**	**P**	**1000**	**ug/kg**	**1**
4,4'-DDT	**50-29-3**	**8081B**	**15000**		**1000**	**ug/kg**	**1**
Dieldrin	**60-57-1**	**8081B**	**28000**		**1000**	**ug/kg**	**1**
Endosulfan I	**959-98-8**	**8081B**	**2500**	**P**	**1000**	**ug/kg**	**1**
Endosulfan II	**33213-65-9**	**8081B**	**4400**	**P**	**1000**	**ug/kg**	**1**
Endosulfan sulfate	1031-07-8	8081B	ND		1000	ug/kg	1
Endrin	**72-20-8**	**8081B**	**3100**	**P**	**1000**	**ug/kg**	**1**
Endrin aldehyde	**7421-93-4**	**8081B**	**2800**		**1000**	**ug/kg**	**1**
Endrin ketone	53494-70-5	8081B	ND		1000	ug/kg	1
Heptachlor	76-44-8	8081B	ND		1000	ug/kg	1
Heptachlor epoxide	**1024-57-3**	**8081B**	**1200**	**P**	**1000**	**ug/kg**	**1**
Methoxychlor	72-43-5	8081B	ND		4200	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		10000	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	0.00	57-110
Tetrachloro-m-xylene	N	0.00	37-91

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-48**
Date Sampled: **08/24/2016 1648**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-018**
Matrix: **Solid**
% Solids: **92.9** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7471B	7471B	1	08/30/2016 1350	CLM	08/29/2016 0936	20870
1	3050B	6010C	1	09/03/2016 1432	CJZ	08/31/2016 1101	21039
2	3050B	6010C	1	09/07/2016 1301	CJZ	08/31/2016 1101	21039

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aluminum	**7429-90-5**	**6010C**	**6300**		**15**	**mg/kg**	**2**
Antimony	7440-36-0	6010C	ND		0.77	mg/kg	1
Arsenic	**7440-38-2**	**6010C**	**2.1**		**0.58**	**mg/kg**	**1**
Barium	**7440-39-3**	**6010C**	**25**		**1.0**	**mg/kg**	**2**
Beryllium	7440-41-7	6010C	ND		0.19	mg/kg	2
Cadmium	7440-43-9	6010C	ND		0.19	mg/kg	1
Calcium	**7440-70-2**	**6010C**	**280**		**190**	**mg/kg**	**1**
Chromium	**7440-47-3**	**6010C**	**11**		**0.39**	**mg/kg**	**1**
Cobalt	7440-48-4	6010C	ND		1.0	mg/kg	1
Copper	**7440-50-8**	**6010C**	**12**		**0.39**	**mg/kg**	**1**
Iron	**7439-89-6**	**6010C**	**4900**		**3.9**	**mg/kg**	**2**
Lead	**7439-92-1**	**6010C**	**18**		**0.39**	**mg/kg**	**1**
Magnesium	7439-95-4	6010C	ND		190	mg/kg	1
Manganese	**7439-96-5**	**6010C**	**43**		**0.58**	**mg/kg**	**1**
Mercury	7439-97-6	7471B	ND		0.087	mg/kg	1
Nickel	**7440-02-0**	**6010C**	**2.1**		**1.5**	**mg/kg**	**1**
Potassium	7440-09-7	6010C	ND		190	mg/kg	2
Selenium	7782-49-2	6010C	ND		0.77	mg/kg	1
Silver	7440-22-4	6010C	ND		0.39	mg/kg	1
Sodium	7440-23-5	6010C	ND		190	mg/kg	2
Thallium	7440-28-0	6010C	ND		1.9	mg/kg	1
Vanadium	**7440-62-2**	**6010C**	**13**		**1.9**	**mg/kg**	**1**
Zinc	**7440-66-6**	**6010C**	**31**		**1.9**	**mg/kg**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-WA-2**
Date Sampled: **08/24/2016 1301**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-019**
Matrix: **Solid**
% Solids: **98.6** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	9012B	(Cyanide - To) 9012B	1	08/30/2016 1824	MJI	08/30/2016 1145	20971

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Cyanide - Total	57-12-5	9012B	ND		0.51	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-WA-2**
Date Sampled: **08/24/2016 1301**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-019**
Matrix: **Solid**
% Solids: **98.6** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	5	09/06/2016 1603	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		1700	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		1700	ug/kg	1
Acetophenone	98-86-2	8270D	ND		1700	ug/kg	1
Anthracene	120-12-7	8270D	ND		1700	ug/kg	1
Atrazine	1912-24-9	8270D	ND		1700	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		4200	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		1700	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		1700	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		1700	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		1700	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		1700	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		1700	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		1700	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		1700	ug/kg	1
Caprolactam	105-60-2	8270D	ND		4200	ug/kg	1
Carbazole	86-74-8	8270D	ND		1700	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		1700	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		1700	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		1700	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		1700	ug/kg	1
bis (2-Chloro-1-methylethyl) ether	108-60-1	8270D	ND		1700	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		1700	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		1700	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		1700	ug/kg	1
Chrysene	218-01-9	8270D	ND		1700	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		1700	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		1700	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		1700	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		1700	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		4200	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		1700	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		1700	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		1700	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		1700	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		4200	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		4200	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		1700	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		1700	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		1700	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		1700	ug/kg	1
Fluorene	86-73-7	8270D	ND		1700	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		1700	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		1700	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		4200	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-WA-2**
Date Sampled: **08/24/2016 1301**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-019**
Matrix: **Solid**
% Solids: **98.6** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	5	09/06/2016 1603	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		1700	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		1700	ug/kg	1
Isophorone	78-59-1	8270D	ND		1700	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		1700	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		1700	ug/kg	1
3+4-Methylphenol	106-44-5	8270D	ND		3400	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		1700	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		1700	ug/kg	1
Naphthalene	91-20-3	8270D	ND		1700	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		1700	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		1700	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		1700	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		1700	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		1700	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		4200	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		4200	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		1700	ug/kg	1
Phenol	108-95-2	8270D	ND		1700	ug/kg	1
Pyrene	129-00-0	8270D	ND		1700	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		1700	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		1700	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		52	30-117
2-Fluorobiphenyl		52	33-102
2-Fluorophenol		51	28-104
Nitrobenzene-d5		51	22-109
Phenol-d5		52	27-103
Terphenyl-d14		55	41-120

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-WA-2**
Date Sampled: **08/24/2016 1301**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-019**
Matrix: **Solid**
% Solids: **98.6** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	100	09/02/2016 1927	MEM	09/01/2016 1342	21164

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		1000	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		1000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		1000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		1000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**14000**		**1000**	**ug/kg**	**1**
Aroclor 1254	11097-69-1	8082A	ND		1000	ug/kg	1
Aroclor 1260	11096-82-5	8082A	ND		1000	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	170	41-132
Tetrachloro-m-xylene		51	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-WA-2**
Date Sampled: **08/24/2016 1301**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-019**
Matrix: **Solid**
% Solids: **98.6** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	20	09/07/2016 1135	PMS	09/01/2016 1342	21166

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		20	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		20	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		20	ug/kg	1
beta-BHC	319-85-7	8081B	ND		20	ug/kg	1
delta-BHC	**319-86-8**	**8081B**	**22**	**P**	**20**	**ug/kg**	**1**
Chlordane	57-74-9	8081B	ND		41	ug/kg	1
cis-Chlordane	5103-71-9	8081B	ND		20	ug/kg	1
trans-Chlordane	**5103-74-2**	**8081B**	**80**	**P**	**20**	**ug/kg**	**1**
4,4'-DDD	72-54-8	8081B	ND		20	ug/kg	1
4,4'-DDE	72-55-9	8081B	ND		20	ug/kg	1
4,4'-DDT	**50-29-3**	**8081B**	**150**		**20**	**ug/kg**	**1**
Dieldrin	**60-57-1**	**8081B**	**240**		**20**	**ug/kg**	**1**
Endosulfan I	959-98-8	8081B	ND		20	ug/kg	1
Endosulfan II	33213-65-9	8081B	ND		20	ug/kg	1
Endosulfan sulfate	1031-07-8	8081B	ND		20	ug/kg	1
Endrin	**72-20-8**	**8081B**	**21**	**P**	**20**	**ug/kg**	**1**
Endrin aldehyde	7421-93-4	8081B	ND		20	ug/kg	1
Endrin ketone	53494-70-5	8081B	ND		20	ug/kg	1
Heptachlor	76-44-8	8081B	ND		20	ug/kg	1
Heptachlor epoxide	1024-57-3	8081B	ND		20	ug/kg	1
Methoxychlor	72-43-5	8081B	ND		81	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		200	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	212	57-110
Tetrachloro-m-xylene	N	341	37-91

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-WA-2**
Date Sampled: **08/24/2016 1301**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-019**
Matrix: **Solid**
% Solids: **98.6** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7471B	7471B	1	08/30/2016 1214	CLM	08/29/2016 0936	20870
1	3050B	6010C	1	09/03/2016 1436	CJZ	08/31/2016 1101	21039
2	3050B	6010C	1	09/07/2016 1311	CJZ	08/31/2016 1101	21039
3	3050B	6010C	20	09/07/2016 1306	CJZ	08/31/2016 1101	21039

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aluminum	**7429-90-5**	**6010C**	**440**		**11**	**mg/kg**	**2**
Antimony	7440-36-0	6010C	ND		0.57	mg/kg	1
Arsenic	7440-38-2	6010C	ND		0.43	mg/kg	1
Barium	**7440-39-3**	**6010C**	**95**		**0.74**	**mg/kg**	**2**
Beryllium	7440-41-7	6010C	ND		0.14	mg/kg	2
Cadmium	**7440-43-9**	**6010C**	**1.0**		**0.14**	**mg/kg**	**1**
Calcium	**7440-70-2**	**6010C**	**2500**		**140**	**mg/kg**	**1**
Chromium	**7440-47-3**	**6010C**	**70**		**0.28**	**mg/kg**	**1**
Cobalt	7440-48-4	6010C	ND		0.74	mg/kg	1
Copper	**7440-50-8**	**6010C**	**330**		**0.28**	**mg/kg**	**1**
Iron	**7439-89-6**	**6010C**	**2800**		**2.8**	**mg/kg**	**2**
Lead	**7439-92-1**	**6010C**	**6.6**		**0.28**	**mg/kg**	**1**
Magnesium	7439-95-4	6010C	ND		140	mg/kg	1
Manganese	**7439-96-5**	**6010C**	**12**		**0.43**	**mg/kg**	**1**
Mercury	**7439-97-6**	**7471B**	**0.52**		**0.082**	**mg/kg**	**1**
Nickel	**7440-02-0**	**6010C**	**2.2**		**1.1**	**mg/kg**	**1**
Potassium	7440-09-7	6010C	ND		140	mg/kg	2
Selenium	7782-49-2	6010C	ND		0.57	mg/kg	1
Silver	7440-22-4	6010C	ND		0.28	mg/kg	1
Sodium	7440-23-5	6010C	ND		140	mg/kg	2
Thallium	7440-28-0	6010C	ND		1.4	mg/kg	1
Vanadium	7440-62-2	6010C	ND		1.4	mg/kg	1
Zinc	**7440-66-6**	**6010C**	**4800**		**28**	**mg/kg**	**3**

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-57**
Date Sampled: **08/25/2016 1053**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-020**
Matrix: **Solid**
% Solids: **80.6** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	9012B	(Cyanide - To) 9012B	1	08/30/2016 1825	MJI	08/30/2016 1145	20971

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Cyanide - Total	57-12-5	9012B	ND		0.62	mg/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-57**
Date Sampled: **08/25/2016 1053**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-020**
Matrix: **Solid**
% Solids: **80.6** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	08/30/2016 1707	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		400	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		400	ug/kg	1
Acetophenone	98-86-2	8270D	ND		400	ug/kg	1
Anthracene	120-12-7	8270D	ND		400	ug/kg	1
Atrazine	1912-24-9	8270D	ND		400	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		1000	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		400	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		400	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		400	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		400	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		400	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		400	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		400	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		400	ug/kg	1
Caprolactam	105-60-2	8270D	ND		1000	ug/kg	1
Carbazole	86-74-8	8270D	ND		400	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		400	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		400	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		400	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		400	ug/kg	1
bis (2-Chloro-1-methylethyl) ether	108-60-1	8270D	ND		400	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		400	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		400	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		400	ug/kg	1
Chrysene	218-01-9	8270D	ND		400	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		400	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		400	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		400	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		400	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		1000	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		400	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		400	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		400	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		400	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		1000	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		1000	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		400	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		400	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		400	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		400	ug/kg	1
Fluorene	86-73-7	8270D	ND		400	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		400	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		400	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		1000	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-57**
Date Sampled: **08/25/2016 1053**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-020**
Matrix: **Solid**
% Solids: **80.6** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	08/30/2016 1707	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		400	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		400	ug/kg	1
Isophorone	78-59-1	8270D	ND		400	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		400	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		400	ug/kg	1
3+4-Methylphenol	106-44-5	8270D	ND		810	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		400	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		400	ug/kg	1
Naphthalene	91-20-3	8270D	ND		400	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		400	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		400	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		400	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		400	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		400	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		1000	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		1000	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		400	ug/kg	1
Phenol	108-95-2	8270D	ND		400	ug/kg	1
Pyrene	129-00-0	8270D	ND		400	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		400	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		400	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		71	30-117
2-Fluorobiphenyl		63	33-102
2-Fluorophenol		58	28-104
Nitrobenzene-d5		70	22-109
Phenol-d5		66	27-103
Terphenyl-d14		77	41-120

QL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-57**
Date Sampled: **08/25/2016 1053**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-020**
Matrix: **Solid**
% Solids: **80.6** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	20	09/02/2016 1515	MEM	08/31/2016 2206	21111

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		240	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		240	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		240	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		240	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**4500**		**240**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**3700**		**240**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		240	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		86	41-132
Tetrachloro-m-xylene		77	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Organochlorine Pesticides by GC

Client: **synTerra**
Description: **BL-SS-57**
Date Sampled: **08/25/2016 1053**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-020**
Matrix: **Solid**
% Solids: **80.6** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	5	09/06/2016 1639	PMS	08/31/2016 2206	21110

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		6.0	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		6.0	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		6.0	ug/kg	1
beta-BHC	319-85-7	8081B	ND		6.0	ug/kg	1
delta-BHC	319-86-8	8081B	ND		6.0	ug/kg	1
Chlordane	57-74-9	8081B	ND		12	ug/kg	1
cis-Chlordane	5103-71-9	8081B	ND		6.0	ug/kg	1
trans-Chlordane	**5103-74-2**	**8081B**	**88**		**6.0**	**ug/kg**	**1**
4,4'-DDD	72-54-8	8081B	ND		6.0	ug/kg	1
4,4'-DDE	**72-55-9**	**8081B**	**20**	**P**	**6.0**	**ug/kg**	**1**
4,4'-DDT	**50-29-3**	**8081B**	**87**		**6.0**	**ug/kg**	**1**
Dieldrin	**60-57-1**	**8081B**	**140**		**6.0**	**ug/kg**	**1**
Endosulfan I	959-98-8	8081B	ND		6.0	ug/kg	1
Endosulfan II	33213-65-9	8081B	ND		6.0	ug/kg	1
Endosulfan sulfate	1031-07-8	8081B	ND		6.0	ug/kg	1
Endrin	**72-20-8**	**8081B**	**15**	**P**	**6.0**	**ug/kg**	**1**
Endrin aldehyde	7421-93-4	8081B	ND		6.0	ug/kg	1
Endrin ketone	**53494-70-5**	**8081B**	**10**		**6.0**	**ug/kg**	**1**
Heptachlor	76-44-8	8081B	ND		6.0	ug/kg	1
Heptachlor epoxide	**1024-57-3**	**8081B**	**7.2**	**P**	**6.0**	**ug/kg**	**1**
Methoxychlor	72-43-5	8081B	ND		24	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		60	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		92	57-110
Tetrachloro-m-xylene		64	37-91

QL = Practical quantitation limit
D = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-57**
Date Sampled: **08/25/2016 1053**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-020**
Matrix: **Solid**
% Solids: **80.6** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7471B	7471B	1	08/30/2016 1216	CLM	08/29/2016 0936	20870
1	3050B	6010C	1	09/03/2016 1441	CJZ	08/31/2016 1101	21039
3	3050B	6010C	1	09/07/2016 1320	CJZ	08/31/2016 1101	21039

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aluminum	**7429-90-5**	**6010C**	**10000**		**19**	**mg/kg**	**3**
Antimony	7440-36-0	6010C	ND		0.93	mg/kg	1
Arsenic	**7440-38-2**	**6010C**	**1.7**		**0.70**	**mg/kg**	**1**
Barium	**7440-39-3**	**6010C**	**27**		**1.2**	**mg/kg**	**3**
Beryllium	7440-41-7	6010C	ND		0.23	mg/kg	3
Cadmium	7440-43-9	6010C	ND		0.23	mg/kg	1
Calcium	**7440-70-2**	**6010C**	**280**		**230**	**mg/kg**	**1**
Chromium	**7440-47-3**	**6010C**	**11**		**0.47**	**mg/kg**	**1**
Cobalt	7440-48-4	6010C	ND		1.2	mg/kg	1
Copper	**7440-50-8**	**6010C**	**4.8**		**0.47**	**mg/kg**	**1**
Iron	**7439-89-6**	**6010C**	**8500**		**4.7**	**mg/kg**	**3**
Lead	**7439-92-1**	**6010C**	**8.0**		**0.47**	**mg/kg**	**1**
Magnesium	7439-95-4	6010C	ND		230	mg/kg	1
Manganese	**7439-96-5**	**6010C**	**76**		**0.70**	**mg/kg**	**1**
Mercury	7439-97-6	7471B	ND		0.092	mg/kg	1
Nickel	**7440-02-0**	**6010C**	**3.0**		**1.9**	**mg/kg**	**1**
Potassium	7440-09-7	6010C	ND		230	mg/kg	3
Selenium	7782-49-2	6010C	ND		0.93	mg/kg	1
Silver	7440-22-4	6010C	ND		0.47	mg/kg	1
Sodium	7440-23-5	6010C	ND		230	mg/kg	3
Thallium	7440-28-0	6010C	ND		2.3	mg/kg	1
Vanadium	**7440-62-2**	**6010C**	**22**		**2.3**	**mg/kg**	**1**
Zinc	**7440-66-6**	**6010C**	**9.5**		**2.3**	**mg/kg**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-BKG-SS**
Date Sampled: **08/25/2016 0857**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-021**
Matrix: **Solid**
% Solids: **99.0** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	9012B	(Cyanide - To) 9012B	1	08/30/2016 1826	MJI	08/30/2016 1145	20971

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Cyanide - Total	57-12-5	9012B	ND		0.51	mg/kg	1

QL = Practical quantitation limit
D = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-BKG-SS**
Date Sampled: **08/25/2016 0857**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-021**
Matrix: **Solid**
% Solids: **99.0** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
2	5035	8260B	1	08/30/2016 1842	SES		20964	5.54

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		18	ug/kg	2
Benzene	71-43-2	8260B	ND		4.6	ug/kg	2
Bromodichloromethane	75-27-4	8260B	ND		4.6	ug/kg	2
Bromoform	75-25-2	8260B	ND		4.6	ug/kg	2
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		4.6	ug/kg	2
2-Butanone (MEK)	78-93-3	8260B	ND		18	ug/kg	2
Carbon disulfide	75-15-0	8260B	ND		4.6	ug/kg	2
Carbon tetrachloride	56-23-5	8260B	ND		4.6	ug/kg	2
Chlorobenzene	108-90-7	8260B	ND		4.6	ug/kg	2
Chloroethane	75-00-3	8260B	ND		4.6	ug/kg	2
Chloroform	67-66-3	8260B	ND		4.6	ug/kg	2
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		4.6	ug/kg	2
Cyclohexane	110-82-7	8260B	ND		4.6	ug/kg	2
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		4.6	ug/kg	2
Dibromochloromethane	124-48-1	8260B	ND		4.6	ug/kg	2
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		4.6	ug/kg	2
1,2-Dichlorobenzene	95-50-1	8260B	ND		4.6	ug/kg	2
1,3-Dichlorobenzene	541-73-1	8260B	ND		4.6	ug/kg	2
1,4-Dichlorobenzene	106-46-7	8260B	ND		4.6	ug/kg	2
Dichlorodifluoromethane	75-71-8	8260B	ND		4.6	ug/kg	2
1,1-Dichloroethane	75-34-3	8260B	ND		4.6	ug/kg	2
1,2-Dichloroethane	107-06-2	8260B	ND		4.6	ug/kg	2
1,1-Dichloroethene	75-35-4	8260B	ND		4.6	ug/kg	2
cis-1,2-Dichloroethene	156-59-2	8260B	ND		4.6	ug/kg	2
trans-1,2-Dichloroethene	156-60-5	8260B	ND		4.6	ug/kg	2
1,2-Dichloropropane	78-87-5	8260B	ND		4.6	ug/kg	2
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		4.6	ug/kg	2
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		4.6	ug/kg	2
Ethylbenzene	100-41-4	8260B	ND		4.6	ug/kg	2
2-Hexanone	591-78-6	8260B	ND		9.1	ug/kg	2
Isopropylbenzene	98-82-8	8260B	ND		4.6	ug/kg	2
Methyl acetate	79-20-9	8260B	ND		4.6	ug/kg	2
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		4.6	ug/kg	2
4-Methyl-2-pentanone	108-10-1	8260B	ND		9.1	ug/kg	2
Methylcyclohexane	108-87-2	8260B	ND		4.6	ug/kg	2
Methylene chloride	75-09-2	8260B	ND		4.6	ug/kg	2
Styrene	100-42-5	8260B	ND		4.6	ug/kg	2
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		4.6	ug/kg	2
Tetrachloroethene	127-18-4	8260B	ND		4.6	ug/kg	2
Toluene	108-88-3	8260B	ND		4.6	ug/kg	2
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		4.6	ug/kg	2
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		4.6	ug/kg	2
1,1,1-Trichloroethane	71-55-6	8260B	ND		4.6	ug/kg	2
1,1,2-Trichloroethane	79-00-5	8260B	ND		4.6	ug/kg	2

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-BKG-SS**
Date Sampled: **08/25/2016 0857**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-021**
Matrix: **Solid**
% Solids: **99.0** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
2	5035	8260B	1	08/30/2016 1842	SES		20964	5.54

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		4.6	ug/kg	2
Trichlorofluoromethane	75-69-4	8260B	ND		4.6	ug/kg	2
Vinyl chloride	75-01-4	8260B	ND		4.6	ug/kg	2
Xylenes (total)	1330-20-7	8260B	ND		9.1	ug/kg	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	53-142
Bromofluorobenzene		92	47-138
Toluene-d8		103	68-124

QL = Practical quantitation limit
D = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
here applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-BKG-SS**
Date Sampled: **08/25/2016 0857**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-021**
Matrix: **Solid**
% Solids: **99.0** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	09/06/2016 1628	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		330	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		330	ug/kg	1
Acetophenone	98-86-2	8270D	ND		330	ug/kg	1
Anthracene	120-12-7	8270D	ND		330	ug/kg	1
Atrazine	1912-24-9	8270D	ND		330	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		830	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		330	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		330	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		330	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		330	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		330	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		330	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		330	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		330	ug/kg	1
Caprolactam	105-60-2	8270D	ND		830	ug/kg	1
Carbazole	86-74-8	8270D	ND		330	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		330	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		330	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		330	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		330	ug/kg	1
bis (2-Chloro-1-methylethyl) ether	108-60-1	8270D	ND		330	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		330	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		330	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		330	ug/kg	1
Chrysene	218-01-9	8270D	ND		330	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		330	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		330	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		330	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		330	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		830	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		330	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		330	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		330	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		330	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		830	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		830	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		330	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		330	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		330	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		330	ug/kg	1
Fluorene	86-73-7	8270D	ND		330	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		330	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		330	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		830	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-BKG-SS**
Date Sampled: **08/25/2016 0857**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-021**
Matrix: **Solid**
% Solids: **99.0** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	09/06/2016 1628	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		330	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		330	ug/kg	1
Isophorone	78-59-1	8270D	ND		330	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		330	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		330	ug/kg	1
3+4-Methylphenol	106-44-5	8270D	ND		670	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		330	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		330	ug/kg	1
Naphthalene	91-20-3	8270D	ND		330	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		330	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		330	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		330	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		330	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		330	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		830	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		830	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		330	ug/kg	1
Phenol	108-95-2	8270D	ND		330	ug/kg	1
Pyrene	129-00-0	8270D	ND		330	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		330	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		330	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		86	30-117
2-Fluorobiphenyl		72	33-102
2-Fluorophenol		66	28-104
Nitrobenzene-d5		67	22-109
Phenol-d5		70	27-103
Terphenyl-d14		83	41-120

QL = Practical quantitation limit
D = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
here applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-BKG-SS**
Date Sampled: **08/25/2016 0857**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-021**
Matrix: **Solid**
% Solids: **99.0** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/02/2016 1635	MEM	08/31/2016 2206	21111

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		9.7	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		9.7	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		9.7	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		9.7	ug/kg	1
Aroclor 1248	12672-29-6	8082A	ND		9.7	ug/kg	1
Aroclor 1254	11097-69-1	8082A	ND		9.7	ug/kg	1
Aroclor 1260	11096-82-5	8082A	ND		9.7	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		77	41-132
Tetrachloro-m-xylene		77	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-BKG-SS**
Date Sampled: **08/25/2016 0857**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-021**
Matrix: **Solid**
% Solids: **99.0** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	1	09/02/2016 1213	PMS	08/31/2016 2206	21110

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		0.97	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		0.97	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		0.97	ug/kg	1
beta-BHC	319-85-7	8081B	ND		0.97	ug/kg	1
delta-BHC	319-86-8	8081B	ND		0.97	ug/kg	1
Chlordane	57-74-9	8081B	ND		1.9	ug/kg	1
cis-Chlordane	5103-71-9	8081B	ND		0.97	ug/kg	1
trans-Chlordane	5103-74-2	8081B	ND		0.97	ug/kg	1
4,4'-DDD	72-54-8	8081B	ND		0.97	ug/kg	1
4,4'-DDE	72-55-9	8081B	ND		0.97	ug/kg	1
4,4'-DDT	50-29-3	8081B	ND		0.97	ug/kg	1
Dieldrin	60-57-1	8081B	ND		0.97	ug/kg	1
Endosulfan I	959-98-8	8081B	ND		0.97	ug/kg	1
Endosulfan II	33213-65-9	8081B	ND		0.97	ug/kg	1
Endosulfan sulfate	1031-07-8	8081B	ND		0.97	ug/kg	1
Endrin	72-20-8	8081B	ND		0.97	ug/kg	1
Endrin aldehyde	7421-93-4	8081B	ND		0.97	ug/kg	1
Endrin ketone	53494-70-5	8081B	ND		0.97	ug/kg	1
Heptachlor	76-44-8	8081B	ND		0.97	ug/kg	1
Heptachlor epoxide	1024-57-3	8081B	ND		0.97	ug/kg	1
Methoxychlor	72-43-5	8081B	ND		3.9	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		9.7	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		75	57-110
Tetrachloro-m-xylene		75	37-91

QL = Practical quantitation limit
D = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-BKG-SS**
Date Sampled: **08/25/2016 0857**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-021**
Matrix: **Solid**
% Solids: **99.0** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7471B	7471B	1	08/30/2016 1218	CLM	08/29/2016 0936	20870
1	3050B	6010C	1	09/03/2016 1445	CJZ	08/31/2016 1101	21039
2	3050B	6010C	1	09/07/2016 1325	CJZ	08/31/2016 1101	21039

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aluminum	**7429-90-5**	**6010C**	**1100**		**10**	**mg/kg**	**2**
Antimony	7440-36-0	6010C	ND		0.52	mg/kg	1
Arsenic	7440-38-2	6010C	ND		0.39	mg/kg	1
Barium	**7440-39-3**	**6010C**	**3.2**		**0.68**	**mg/kg**	**2**
Beryllium	7440-41-7	6010C	ND		0.13	mg/kg	2
Cadmium	7440-43-9	6010C	ND		0.13	mg/kg	1
Calcium	7440-70-2	6010C	ND		130	mg/kg	1
Chromium	**7440-47-3**	**6010C**	**1.1**		**0.26**	**mg/kg**	**1**
Cobalt	7440-48-4	6010C	ND		0.68	mg/kg	1
Copper	**7440-50-8**	**6010C**	**0.97**		**0.26**	**mg/kg**	**1**
Iron	**7439-89-6**	**6010C**	**980**		**2.6**	**mg/kg**	**2**
Lead	**7439-92-1**	**6010C**	**0.81**		**0.26**	**mg/kg**	**1**
Magnesium	7439-95-4	6010C	ND		130	mg/kg	1
Manganese	**7439-96-5**	**6010C**	**9.0**		**0.39**	**mg/kg**	**1**
Mercury	7439-97-6	7471B	ND		0.076	mg/kg	1
Nickel	7440-02-0	6010C	ND		1.0	mg/kg	1
Potassium	7440-09-7	6010C	ND		130	mg/kg	2
Selenium	7782-49-2	6010C	ND		0.52	mg/kg	1
Silver	7440-22-4	6010C	ND		0.26	mg/kg	1
Sodium	7440-23-5	6010C	ND		130	mg/kg	2
Thallium	7440-28-0	6010C	ND		1.3	mg/kg	1
Vanadium	**7440-62-2**	**6010C**	**2.4**		**1.3**	**mg/kg**	**1**
Zinc	**7440-66-6**	**6010C**	**3.8**		**1.3**	**mg/kg**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-BKG-SD**
Date Sampled: **08/25/2016 0820**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-022**
Matrix: **Solid**
% Solids: **64.5** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	9012B	(Cyanide - To) 9012B	1	09/02/2016 1840	MJI	09/02/2016 1237	21262

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Cyanide - Total	57-12-5	9012B	ND		0.78	mg/kg	2

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-BKG-SD**
Date Sampled: **08/25/2016 0820**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-022**
Matrix: **Solid**
% Solids: **64.5** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/29/2016 1926	ECP		20911	5.33

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	**67-64-1**	**8260B**	**49**		**29**	**ug/kg**	**1**
Benzene	71-43-2	8260B	ND		7.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		7.3	ug/kg	1
Bromoform	75-25-2	8260B	ND		7.3	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		7.3	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		29	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		7.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		7.3	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		7.3	ug/kg	1
Chloroethane	75-00-3	8260B	ND		7.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		7.3	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		7.3	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		7.3	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		7.3	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		7.3	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		7.3	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		7.3	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		7.3	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		7.3	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		7.3	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		7.3	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		7.3	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		7.3	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		7.3	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		7.3	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		7.3	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		7.3	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		7.3	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		7.3	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		15	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		7.3	ug/kg	1
Methyl acetate	79-20-9	8260B	ND		7.3	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		7.3	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		15	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		7.3	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		7.3	ug/kg	1
Styrene	100-42-5	8260B	ND		7.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		7.3	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		7.3	ug/kg	1
Toluene	108-88-3	8260B	ND		7.3	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		7.3	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		7.3	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		7.3	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		7.3	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **synTerra**	Laboratory ID: **RH26003-022**
Description: **BL-BKG-SD**	Matrix: **Solid**
Date Sampled: **08/25/2016 0820**	% Solids: **64.5** **08/26/2016 2125**
Date Received: **08/26/2016**	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/29/2016 1926	ECP		20911	5.33

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		7.3	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		7.3	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		7.3	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		15	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		94	53-142
Bromofluorobenzene		90	47-138
Toluene-d8		100	68-124

QL = Practical quantitation limit
D = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-BKG-SD**
Date Sampled: **08/25/2016 0820**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-022**
Matrix: **Solid**
% Solids: **64.5** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	08/30/2016 1731	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		500	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		500	ug/kg	1
Acetophenone	98-86-2	8270D	ND		500	ug/kg	1
Anthracene	120-12-7	8270D	ND		500	ug/kg	1
Atrazine	1912-24-9	8270D	ND		500	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		1300	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		500	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		500	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		500	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		500	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		500	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		500	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		500	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		500	ug/kg	1
Caprolactam	105-60-2	8270D	ND		1300	ug/kg	1
Carbazole	86-74-8	8270D	ND		500	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		500	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		500	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		500	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		500	ug/kg	1
bis (2-Chloro-1-methylethyl) ether	108-60-1	8270D	ND		500	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		500	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		500	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		500	ug/kg	1
Chrysene	218-01-9	8270D	ND		500	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		500	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		500	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		500	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		500	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		1300	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		500	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		500	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		500	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		500	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		1300	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		1300	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		500	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		500	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		500	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		500	ug/kg	1
Fluorene	86-73-7	8270D	ND		500	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		500	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		500	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		1300	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Semivolatile Organic Compounds by GC/MS

Client: **synTerra**	Laboratory ID: **RH26003-022**
Description: **BL-BKG-SD**	Matrix: **Solid**
Date Sampled: **08/25/2016 0820**	% Solids: **64.5** **08/26/2016 2125**
Date Received: **08/26/2016**	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	08/30/2016 1731	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		500	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		500	ug/kg	1
Isophorone	78-59-1	8270D	ND		500	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		500	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		500	ug/kg	1
3+4-Methylphenol	106-44-5	8270D	ND		1000	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		500	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		500	ug/kg	1
Naphthalene	91-20-3	8270D	ND		500	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		500	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		500	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		500	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		500	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		500	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		1300	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		1300	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		500	ug/kg	1
Phenol	108-95-2	8270D	ND		500	ug/kg	1
Pyrene	129-00-0	8270D	ND		500	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		500	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		500	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		70	30-117
2-Fluorobiphenyl		59	33-102
2-Fluorophenol		58	28-104
Nitrobenzene-d5		63	22-109
Phenol-d5		63	27-103
Terphenyl-d14		75	41-120

QL = Practical quantitation limit | B = Detected in the method blank | E = Quantitation of compound exceeded the calibration range | H = Out of holding time
D = Not detected at or above the PQL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria
here applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-BKG-SD**
Date Sampled: **08/25/2016 0820**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-022**
Matrix: **Solid**
% Solids: **64.5** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/02/2016 1714	MEM	08/31/2016 2206	21111

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		15	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		15	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		15	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		15	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**19**		**15**	**ug/kg**	**1**
Aroclor 1254	11097-69-1	8082A	ND		15	ug/kg	1
Aroclor 1260	11096-82-5	8082A	ND		15	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		73	41-132
Tetrachloro-m-xylene		76	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-BKG-SD**
Date Sampled: **08/25/2016 0820**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-022**
Matrix: **Solid**
% Solids: **64.5** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	1	09/02/2016 1227	PMS	08/31/2016 2206	21110

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		1.5	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		1.5	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		1.5	ug/kg	1
beta-BHC	319-85-7	8081B	ND		1.5	ug/kg	1
delta-BHC	319-86-8	8081B	ND		1.5	ug/kg	1
Chlordane	57-74-9	8081B	ND		3.1	ug/kg	1
cis-Chlordane	5103-71-9	8081B	ND		1.5	ug/kg	1
trans-Chlordane	5103-74-2	8081B	ND		1.5	ug/kg	1
4,4'-DDD	72-54-8	8081B	ND		1.5	ug/kg	1
4,4'-DDE	**72-55-9**	**8081B**	**7.0**		**1.5**	**ug/kg**	**1**
4,4'-DDT	50-29-3	8081B	ND		1.5	ug/kg	1
Dieldrin	60-57-1	8081B	ND		1.5	ug/kg	1
Endosulfan I	959-98-8	8081B	ND		1.5	ug/kg	1
Endosulfan II	33213-65-9	8081B	ND		1.5	ug/kg	1
Endosulfan sulfate	1031-07-8	8081B	ND		1.5	ug/kg	1
Endrin	72-20-8	8081B	ND		1.5	ug/kg	1
Endrin aldehyde	7421-93-4	8081B	ND		1.5	ug/kg	1
Endrin ketone	53494-70-5	8081B	ND		1.5	ug/kg	1
Heptachlor	76-44-8	8081B	ND		1.5	ug/kg	1
Heptachlor epoxide	1024-57-3	8081B	ND		1.5	ug/kg	1
Methoxychlor	72-43-5	8081B	ND		6.1	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		15	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		71	57-110
Tetrachloro-m-xylene		74	37-91

QL = Practical quantitation limit
D = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-BKG-SD**
Date Sampled: **08/25/2016 0820**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-022**
Matrix: **Solid**
% Solids: **64.5** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7471B	7471B	1	08/30/2016 1221	CLM	08/29/2016 0936	20870
1	3050B	6010C	1	09/03/2016 1450	CJZ	08/31/2016 1101	21039
3	3050B	6010C	1	09/07/2016 1339	CJZ	08/31/2016 1101	21039

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aluminum	**7429-90-5**	**6010C**	**18000**		**29**	**mg/kg**	**3**
Antimony	7440-36-0	6010C	ND		1.4	mg/kg	1
Arsenic	**7440-38-2**	**6010C**	**1.5**		**1.1**	**mg/kg**	**1**
Barium	**7440-39-3**	**6010C**	**27**		**1.9**	**mg/kg**	**3**
Beryllium	7440-41-7	6010C	ND		0.36	mg/kg	3
Cadmium	7440-43-9	6010C	ND		0.36	mg/kg	1
Calcium	**7440-70-2**	**6010C**	**360**		**360**	**mg/kg**	**1**
Chromium	**7440-47-3**	**6010C**	**24**		**0.72**	**mg/kg**	**1**
Cobalt	7440-48-4	6010C	ND		1.9	mg/kg	1
Copper	**7440-50-8**	**6010C**	**16**		**0.72**	**mg/kg**	**1**
Iron	**7439-89-6**	**6010C**	**30000**		**7.2**	**mg/kg**	**3**
Lead	**7439-92-1**	**6010C**	**11**		**0.72**	**mg/kg**	**1**
Magnesium	7439-95-4	6010C	ND		360	mg/kg	1
Manganese	**7439-96-5**	**6010C**	**20**		**1.1**	**mg/kg**	**1**
Mercury	7439-97-6	7471B	ND		0.11	mg/kg	1
Nickel	**7440-02-0**	**6010C**	**5.1**		**2.9**	**mg/kg**	**1**
Potassium	7440-09-7	6010C	ND		360	mg/kg	3
Selenium	7782-49-2	6010C	ND		1.4	mg/kg	1
Silver	7440-22-4	6010C	ND		0.72	mg/kg	1
Sodium	7440-23-5	6010C	ND		360	mg/kg	3
Thallium	7440-28-0	6010C	ND		3.6	mg/kg	1
Vanadium	**7440-62-2**	**6010C**	**44**		**3.6**	**mg/kg**	**1**
Zinc	**7440-66-6**	**6010C**	**17**		**3.6**	**mg/kg**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-BKG-SB**
Date Sampled: **08/25/2016 0905**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-023**
Matrix: **Solid**
% Solids: **87.8** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	9012B	(Cyanide - To) 9012B	1	09/02/2016 1841	MJI	09/02/2016 1237	21262

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Cyanide - Total	57-12-5	9012B	ND		0.57	mg/kg	2

QL = Practical quantitation limit
ID = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-BKG-SB**
Date Sampled: **08/25/2016 0905**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-023**
Matrix: **Solid**
% Solids: **87.8** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/29/2016 1949	ECP		20911	7.69

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	**67-64-1**	**8260B**	**15**		**15**	**ug/kg**	**1**
Benzene	71-43-2	8260B	ND		3.7	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		3.7	ug/kg	1
Bromoform	75-25-2	8260B	ND		3.7	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		3.7	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		15	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		3.7	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		3.7	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		3.7	ug/kg	1
Chloroethane	75-00-3	8260B	ND		3.7	ug/kg	1
Chloroform	67-66-3	8260B	ND		3.7	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		3.7	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		3.7	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		3.7	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		3.7	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		3.7	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		3.7	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		3.7	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		3.7	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		3.7	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		3.7	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		3.7	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		3.7	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		3.7	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		3.7	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		3.7	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		3.7	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		3.7	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		3.7	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		7.4	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND		3.7	ug/kg	1
Methyl acetate	**79-20-9**	**8260B**	**3.9**		**3.7**	**ug/kg**	**1**
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		3.7	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		7.4	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		3.7	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		3.7	ug/kg	1
Styrene	100-42-5	8260B	ND		3.7	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		3.7	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		3.7	ug/kg	1
Toluene	108-88-3	8260B	ND		3.7	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		3.7	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		3.7	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		3.7	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		3.7	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **synTerra**	Laboratory ID: **RH26003-023**
Description: **BL-BKG-SB**	Matrix: **Solid**
Date Sampled: **08/25/2016 0905**	% Solids: **87.8** **08/26/2016 2125**
Date Received: **08/26/2016**	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/29/2016 1949	ECP		20911	7.69

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		3.7	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		3.7	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		3.7	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		7.4	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		97	53-142
Bromofluorobenzene		92	47-138
Toluene-d8		99	68-124

QL = Practical quantitation limit
D = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-BKG-SB**
Date Sampled: **08/25/2016 0905**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-023**
Matrix: **Solid**
% Solids: **87.8** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	08/30/2016 1756	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		370	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		370	ug/kg	1
Acetophenone	98-86-2	8270D	ND		370	ug/kg	1
Anthracene	120-12-7	8270D	ND		370	ug/kg	1
Atrazine	1912-24-9	8270D	ND		370	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		940	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		370	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		370	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		370	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		370	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		370	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		370	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		370	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		370	ug/kg	1
Caprolactam	105-60-2	8270D	ND		940	ug/kg	1
Carbazole	86-74-8	8270D	ND		370	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		370	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		370	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		370	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		370	ug/kg	1
bis (2-Chloro-1-methylethyl) ether	108-60-1	8270D	ND		370	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		370	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		370	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		370	ug/kg	1
Chrysene	218-01-9	8270D	ND		370	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		370	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		370	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		370	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		370	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		940	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		370	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		370	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		370	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		370	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		940	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		940	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		370	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		370	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		370	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		370	ug/kg	1
Fluorene	86-73-7	8270D	ND		370	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		370	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		370	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		940	ug/kg	1

PQL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
ND = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-BKG-SB**
Date Sampled: **08/25/2016 0905**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-023**
Matrix: **Solid**
% Solids: **87.8** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	08/30/2016 1756	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		370	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		370	ug/kg	1
Isophorone	78-59-1	8270D	ND		370	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		370	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		370	ug/kg	1
3+4-Methylphenol	106-44-5	8270D	ND		760	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		370	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		370	ug/kg	1
Naphthalene	91-20-3	8270D	ND		370	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		370	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		370	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		370	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		370	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		370	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		940	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		940	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		370	ug/kg	1
Phenol	108-95-2	8270D	ND		370	ug/kg	1
Pyrene	129-00-0	8270D	ND		370	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		370	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		370	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		70	30-117
2-Fluorobiphenyl		64	33-102
2-Fluorophenol		64	28-104
Nitrobenzene-d5		71	22-109
Phenol-d5		71	27-103
Terphenyl-d14		77	41-120

QL = Practical quantitation limit
D = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-BKG-SB**
Date Sampled: **08/25/2016 0905**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-023**
Matrix: **Solid**
% Solids: **87.8** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/02/2016 1728	MEM	08/31/2016 2206	21111

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		11	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		11	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		11	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		11	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**15**		**11**	**ug/kg**	**1**
Aroclor 1254	11097-69-1	8082A	ND		11	ug/kg	1
Aroclor 1260	11096-82-5	8082A	ND		11	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		73	41-132
Tetrachloro-m-xylene		68	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-BKG-SB**
Date Sampled: **08/25/2016 0905**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-023**
Matrix: **Solid**
% Solids: **87.8** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	1	09/02/2016 1242	PMS	08/31/2016 2206	21110

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		1.1	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		1.1	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		1.1	ug/kg	1
beta-BHC	319-85-7	8081B	ND		1.1	ug/kg	1
delta-BHC	319-86-8	8081B	ND		1.1	ug/kg	1
Chlordane	57-74-9	8081B	ND		2.2	ug/kg	1
cis-Chlordane	5103-71-9	8081B	ND		1.1	ug/kg	1
trans-Chlordane	5103-74-2	8081B	ND		1.1	ug/kg	1
4,4'-DDD	72-54-8	8081B	ND		1.1	ug/kg	1
4,4'-DDE	72-55-9	8081B	ND		1.1	ug/kg	1
4,4'-DDT	50-29-3	8081B	ND		1.1	ug/kg	1
Dieldrin	60-57-1	8081B	ND		1.1	ug/kg	1
Endosulfan I	959-98-8	8081B	ND		1.1	ug/kg	1
Endosulfan II	33213-65-9	8081B	ND		1.1	ug/kg	1
Endosulfan sulfate	1031-07-8	8081B	ND		1.1	ug/kg	1
Endrin	72-20-8	8081B	ND		1.1	ug/kg	1
Endrin aldehyde	7421-93-4	8081B	ND		1.1	ug/kg	1
Endrin ketone	53494-70-5	8081B	ND		1.1	ug/kg	1
Heptachlor	76-44-8	8081B	ND		1.1	ug/kg	1
Heptachlor epoxide	1024-57-3	8081B	ND		1.1	ug/kg	1
Methoxychlor	72-43-5	8081B	ND		4.5	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		11	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		71	57-110
Tetrachloro-m-xylene		67	37-91

QL = Practical quantitation limit
D = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
here applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-BKG-SB**
Date Sampled: **08/25/2016 0905**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-023**
Matrix: **Solid**
% Solids: **87.8** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7471B	7471B	1	08/30/2016 1227	CLM	08/29/2016 0936	20870
1	3050B	6010C	1	09/03/2016 1454	CJZ	08/31/2016 1101	21039
3	3050B	6010C	1	09/07/2016 1343	CJZ	08/31/2016 1101	21039

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aluminum	**7429-90-5**	**6010C**	**16000**		**18**	**mg/kg**	**3**
Antimony	7440-36-0	6010C	ND		0.88	mg/kg	1
Arsenic	**7440-38-2**	**6010C**	**1.5**		**0.66**	**mg/kg**	**1**
Barium	**7440-39-3**	**6010C**	**16**		**1.1**	**mg/kg**	**3**
Beryllium	7440-41-7	6010C	ND		0.22	mg/kg	3
Cadmium	7440-43-9	6010C	ND		0.22	mg/kg	1
Calcium	7440-70-2	6010C	ND		220	mg/kg	1
Chromium	**7440-47-3**	**6010C**	**17**		**0.44**	**mg/kg**	**1**
Cobalt	7440-48-4	6010C	ND		1.1	mg/kg	1
Copper	**7440-50-8**	**6010C**	**4.5**		**0.44**	**mg/kg**	**1**
Iron	**7439-89-6**	**6010C**	**16000**		**4.4**	**mg/kg**	**3**
Lead	**7439-92-1**	**6010C**	**5.9**		**0.44**	**mg/kg**	**1**
Magnesium	**7439-95-4**	**6010C**	**280**		**220**	**mg/kg**	**1**
Manganese	**7439-96-5**	**6010C**	**8.8**		**0.66**	**mg/kg**	**1**
Mercury	7439-97-6	7471B	ND		0.092	mg/kg	1
Nickel	**7440-02-0**	**6010C**	**4.2**		**1.8**	**mg/kg**	**1**
Potassium	7440-09-7	6010C	ND		220	mg/kg	3
Selenium	7782-49-2	6010C	ND		0.88	mg/kg	1
Silver	7440-22-4	6010C	ND		0.44	mg/kg	1
Sodium	7440-23-5	6010C	ND		220	mg/kg	3
Thallium	7440-28-0	6010C	ND		2.2	mg/kg	1
Vanadium	**7440-62-2**	**6010C**	**39**		**2.2**	**mg/kg**	**1**
Zinc	**7440-66-6**	**6010C**	**6.5**		**2.2**	**mg/kg**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-67**
Date Sampled: **08/24/2016 1336**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-024**
Matrix: **Solid**
% Solids: **86.2** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	9012B	(Cyanide - To) 9012B	1	09/02/2016 1846	MJI	09/02/2016 1237	21262

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Cyanide - Total	57-12-5	9012B	ND		0.58	mg/kg	2

QL = Practical quantitation limit
D = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
here applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-67**
Date Sampled: **08/24/2016 1336**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-024**
Matrix: **Solid**
% Solids: **86.2** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	08/30/2016 1821	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		380	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		380	ug/kg	1
Acetophenone	98-86-2	8270D	ND		380	ug/kg	1
Anthracene	120-12-7	8270D	ND		380	ug/kg	1
Atrazine	1912-24-9	8270D	ND		380	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		960	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		380	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		380	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		380	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		380	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		380	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		380	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		380	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		380	ug/kg	1
Caprolactam	105-60-2	8270D	ND		960	ug/kg	1
Carbazole	86-74-8	8270D	ND		380	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		380	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		380	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		380	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		380	ug/kg	1
bis (2-Chloro-1-methylethyl) ether	108-60-1	8270D	ND		380	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		380	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		380	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		380	ug/kg	1
Chrysene	218-01-9	8270D	ND		380	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		380	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		380	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		380	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		380	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		960	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		380	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		380	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		380	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		380	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		960	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		960	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		380	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		380	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		380	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		380	ug/kg	1
Fluorene	86-73-7	8270D	ND		380	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		380	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		380	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		960	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Semivolatile Organic Compounds by GC/MS

Client: **synTerra**	Laboratory ID: **RH26003-024**
Description: **BL-SS-67**	Matrix: **Solid**
Date Sampled: **08/24/2016 1336**	% Solids: **86.2** **08/26/2016 2125**
Date Received: **08/26/2016**	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	08/30/2016 1821	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		380	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		380	ug/kg	1
Isophorone	78-59-1	8270D	ND		380	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		380	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		380	ug/kg	1
3+4-Methylphenol	106-44-5	8270D	ND		770	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		380	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		380	ug/kg	1
Naphthalene	91-20-3	8270D	ND		380	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		380	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		380	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		380	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		380	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		380	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		960	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		960	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		380	ug/kg	1
Phenol	108-95-2	8270D	ND		380	ug/kg	1
Pyrene	129-00-0	8270D	ND		380	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		380	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		380	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		71	30-117
2-Fluorobiphenyl		65	33-102
2-Fluorophenol		60	28-104
Nitrobenzene-d5		67	22-109
Phenol-d5		65	27-103
Terphenyl-d14		74	41-120

QL = Practical quantitation limit
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
H = Out of holding time
D = Not detected at or above the PQL
J = Estimated result < PQL and ≥ MDL
P = The RPD between two GC columns exceeds 40%
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RH26003-024**
Description: **BL-SS-67**	Matrix: **Solid**
Date Sampled: **08/24/2016 1336**	% Solids: **86.2** **08/26/2016 2125**
Date Received: **08/26/2016**	

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/01/2016 2120	MEM	08/31/2016 2206	21111

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		110	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		110	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		110	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		110	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**1700**		**110**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**2200**		**110**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		110	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		84	41-132
Tetrachloro-m-xylene		80	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Organochlorine Pesticides by GC

Client: **synTerra**	Laboratory ID: **RH26003-024**
Description: **BL-SS-67**	Matrix: **Solid**
Date Sampled: **08/24/2016 1336**	% Solids: **86.2** **08/26/2016 2125**
Date Received: **08/26/2016**	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	10	09/02/2016 1257	PMS	08/31/2016 2206	21110

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		11	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		11	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		11	ug/kg	1
beta-BHC	319-85-7	8081B	ND		11	ug/kg	1
delta-BHC	319-86-8	8081B	ND		11	ug/kg	1
Chlordane	57-74-9	8081B	ND		22	ug/kg	1
cis-Chlordane	5103-71-9	8081B	ND		11	ug/kg	1
trans-Chlordane	**5103-74-2**	**8081B**	**37**		**11**	**ug/kg**	**1**
4,4'-DDD	72-54-8	8081B	ND		11	ug/kg	1
4,4'-DDE	**72-55-9**	**8081B**	**16**	**P**	**11**	**ug/kg**	**1**
4,4'-DDT	**50-29-3**	**8081B**	**68**		**11**	**ug/kg**	**1**
Dieldrin	**60-57-1**	**8081B**	**66**		**11**	**ug/kg**	**1**
Endosulfan I	959-98-8	8081B	ND		11	ug/kg	1
Endosulfan II	33213-65-9	8081B	ND		11	ug/kg	1
Endosulfan sulfate	1031-07-8	8081B	ND		11	ug/kg	1
Endrin	72-20-8	8081B	ND		11	ug/kg	1
Endrin aldehyde	7421-93-4	8081B	ND		11	ug/kg	1
Endrin ketone	53494-70-5	8081B	ND		11	ug/kg	1
Heptachlor	76-44-8	8081B	ND		11	ug/kg	1
Heptachlor epoxide	1024-57-3	8081B	ND		11	ug/kg	1
Methoxychlor	72-43-5	8081B	ND		44	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		110	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		86	57-110
Tetrachloro-m-xylene		70	37-91

QL = Practical quantitation limit
D = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
here applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-67**
Date Sampled: **08/24/2016 1336**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-024**
Matrix: **Solid**
% Solids: **86.2** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7471B	7471B	1	08/30/2016 1229	CLM	08/29/2016 0936	20870
1	3050B	6010C	1	09/03/2016 1459	CJZ	08/31/2016 1101	21039
3	3050B	6010C	1	09/07/2016 1348	CJZ	08/31/2016 1101	21039

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aluminum	**7429-90-5**	**6010C**	**14000**		**20**	**mg/kg**	**3**
Antimony	7440-36-0	6010C	ND		1.0	mg/kg	1
Arsenic	**7440-38-2**	**6010C**	**2.0**		**0.76**	**mg/kg**	**1**
Barium	**7440-39-3**	**6010C**	**43**		**1.3**	**mg/kg**	**3**
Beryllium	7440-41-7	6010C	ND		0.25	mg/kg	3
Cadmium	7440-43-9	6010C	ND		0.25	mg/kg	1
Calcium	**7440-70-2**	**6010C**	**1400**		**250**	**mg/kg**	**1**
Chromium	**7440-47-3**	**6010C**	**15**		**0.51**	**mg/kg**	**1**
Cobalt	7440-48-4	6010C	ND		1.3	mg/kg	1
Copper	**7440-50-8**	**6010C**	**6.3**		**0.51**	**mg/kg**	**1**
Iron	**7439-89-6**	**6010C**	**10000**		**5.1**	**mg/kg**	**3**
Lead	**7439-92-1**	**6010C**	**9.4**		**0.51**	**mg/kg**	**1**
Magnesium	**7439-95-4**	**6010C**	**360**		**250**	**mg/kg**	**1**
Manganese	**7439-96-5**	**6010C**	**130**		**0.76**	**mg/kg**	**1**
Mercury	7439-97-6	7471B	ND		0.095	mg/kg	1
Nickel	**7440-02-0**	**6010C**	**4.3**		**2.0**	**mg/kg**	**1**
Potassium	**7440-09-7**	**6010C**	**360**		**250**	**mg/kg**	**3**
Selenium	7782-49-2	6010C	ND		1.0	mg/kg	1
Silver	7440-22-4	6010C	ND		0.51	mg/kg	1
Sodium	7440-23-5	6010C	ND		250	mg/kg	3
Thallium	7440-28-0	6010C	ND		2.5	mg/kg	1
Vanadium	**7440-62-2**	**6010C**	**27**		**2.5**	**mg/kg**	**1**
Zinc	**7440-66-6**	**6010C**	**18**		**2.5**	**mg/kg**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-53**
Date Sampled: **08/24/2016 1657**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-025**
Matrix: **Solid**
% Solids: **88.1** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	9012B	(Cyanide - To) 9012B	1	09/02/2016 1849	MJI	09/02/2016 1237	21262

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Cyanide - Total	57-12-5	9012B	ND		0.57	mg/kg	2

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-53**
Date Sampled: **08/24/2016 1657**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-025**
Matrix: **Solid**
% Solids: **88.1** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	09/06/2016 1653	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		370	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		370	ug/kg	1
Acetophenone	98-86-2	8270D	ND		370	ug/kg	1
Anthracene	120-12-7	8270D	ND		370	ug/kg	1
Atrazine	1912-24-9	8270D	ND		370	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		920	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		370	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		370	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		370	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		370	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		370	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		370	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		370	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		370	ug/kg	1
Caprolactam	105-60-2	8270D	ND		920	ug/kg	1
Carbazole	86-74-8	8270D	ND		370	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		370	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		370	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		370	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		370	ug/kg	1
bis (2-Chloro-1-methylethyl) ether	108-60-1	8270D	ND		370	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		370	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		370	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		370	ug/kg	1
Chrysene	218-01-9	8270D	ND		370	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		370	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		370	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		370	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		370	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		920	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		370	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		370	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		370	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		370	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		920	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		920	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		370	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		370	ug/kg	1
bis(2-Ethylhexyl)phthalate	**117-81-7**	**8270D**	**370**		**370**	**ug/kg**	**1**
Fluoranthene	206-44-0	8270D	ND		370	ug/kg	1
Fluorene	86-73-7	8270D	ND		370	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		370	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		370	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		920	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Semivolatile Organic Compounds by GC/MS

Client: **synTerra**	Laboratory ID: **RH26003-025**
Description: **BL-SS-53**	Matrix: **Solid**
Date Sampled: **08/24/2016 1657**	% Solids: **88.1** **08/26/2016 2125**
Date Received: **08/26/2016**	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	09/06/2016 1653	JCG	08/29/2016 2356	20899

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		370	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		370	ug/kg	1
Isophorone	78-59-1	8270D	ND		370	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		370	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		370	ug/kg	1
3+4-Methylphenol	106-44-5	8270D	ND		740	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		370	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		370	ug/kg	1
Naphthalene	91-20-3	8270D	ND		370	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		370	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		370	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		370	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		370	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		370	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		920	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		920	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		370	ug/kg	1
Phenol	108-95-2	8270D	ND		370	ug/kg	1
Pyrene	129-00-0	8270D	ND		370	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		370	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		370	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		78	30-117
2-Fluorobiphenyl		61	33-102
2-Fluorophenol		63	28-104
Nitrobenzene-d5		61	22-109
Phenol-d5		66	27-103
Terphenyl-d14		80	41-120

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-53**
Date Sampled: **08/24/2016 1657**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-025**
Matrix: **Solid**
% Solids: **88.1** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	500	09/02/2016 1528	MEM	08/31/2016 2206	21111

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		5700	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		5700	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		5700	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		5700	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**42000**		**5700**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**48000**		**5700**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		5700	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		106	41-132
Tetrachloro-m-xylene		51	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-53**
Date Sampled: **08/24/2016 1657**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-025**
Matrix: **Solid**
% Solids: **88.1** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	50	09/02/2016 1311	PMS	08/31/2016 2206	21110

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		57	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		57	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		57	ug/kg	1
beta-BHC	319-85-7	8081B	ND		57	ug/kg	1
delta-BHC	319-86-8	8081B	ND		57	ug/kg	1
Chlordane	57-74-9	8081B	ND		110	ug/kg	1
cis-Chlordane	5103-71-9	8081B	ND		57	ug/kg	1
trans-Chlordane	**5103-74-2**	**8081B**	**1200**		**57**	**ug/kg**	**1**
4,4'-DDD	**72-54-8**	**8081B**	**61**	**P**	**57**	**ug/kg**	**1**
4,4'-DDE	**72-55-9**	**8081B**	**57**	**P**	**57**	**ug/kg**	**1**
4,4'-DDT	**50-29-3**	**8081B**	**1300**		**57**	**ug/kg**	**1**
Dieldrin	**60-57-1**	**8081B**	**2200**		**57**	**ug/kg**	**1**
Endosulfan I	959-98-8	8081B	ND		57	ug/kg	1
Endosulfan II	33213-65-9	8081B	ND		57	ug/kg	1
Endosulfan sulfate	**1031-07-8**	**8081B**	**130**		**57**	**ug/kg**	**1**
Endrin	**72-20-8**	**8081B**	**290**	**P**	**57**	**ug/kg**	**1**
Endrin aldehyde	**7421-93-4**	**8081B**	**100**	**P**	**57**	**ug/kg**	**1**
Endrin ketone	**53494-70-5**	**8081B**	**220**		**57**	**ug/kg**	**1**
Heptachlor	76-44-8	8081B	ND		57	ug/kg	1
Heptachlor epoxide	**1024-57-3**	**8081B**	**120**	**P**	**57**	**ug/kg**	**1**
Methoxychlor	72-43-5	8081B	ND		230	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		570	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	124	57-110
Tetrachloro-m-xylene		59	37-91

QL = Practical quantitation limit
D = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-53**
Date Sampled: **08/24/2016 1657**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-025**
Matrix: **Solid**
% Solids: **88.1** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7471B	7471B	1	08/30/2016 1231	CLM	08/29/2016 0936	20870
1	3050B	6010C	1	09/03/2016 1504	CJZ	08/31/2016 1101	21039
3	3050B	6010C	1	09/07/2016 1352	CJZ	08/31/2016 1101	21039

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aluminum	**7429-90-5**	**6010C**	**11000**		**16**	**mg/kg**	**3**
Antimony	7440-36-0	6010C	ND		0.79	mg/kg	1
Arsenic	**7440-38-2**	**6010C**	**1.7**		**0.59**	**mg/kg**	**1**
Barium	**7440-39-3**	**6010C**	**24**		**1.0**	**mg/kg**	**3**
Beryllium	7440-41-7	6010C	ND		0.20	mg/kg	3
Cadmium	7440-43-9	6010C	ND		0.20	mg/kg	1
Calcium	**7440-70-2**	**6010C**	**390**		**200**	**mg/kg**	**1**
Chromium	**7440-47-3**	**6010C**	**15**		**0.39**	**mg/kg**	**1**
Cobalt	7440-48-4	6010C	ND		1.0	mg/kg	1
Copper	**7440-50-8**	**6010C**	**5.5**		**0.39**	**mg/kg**	**1**
Iron	**7439-89-6**	**6010C**	**9000**		**3.9**	**mg/kg**	**3**
Lead	**7439-92-1**	**6010C**	**8.7**		**0.39**	**mg/kg**	**1**
Magnesium	**7439-95-4**	**6010C**	**240**		**200**	**mg/kg**	**1**
Manganese	**7439-96-5**	**6010C**	**38**		**0.59**	**mg/kg**	**1**
Mercury	7439-97-6	7471B	ND		0.090	mg/kg	1
Nickel	**7440-02-0**	**6010C**	**3.3**		**1.6**	**mg/kg**	**1**
Potassium	7440-09-7	6010C	ND		200	mg/kg	3
Selenium	7782-49-2	6010C	ND		0.79	mg/kg	1
Silver	7440-22-4	6010C	ND		0.39	mg/kg	1
Sodium	7440-23-5	6010C	ND		200	mg/kg	3
Thallium	7440-28-0	6010C	ND		2.0	mg/kg	1
Vanadium	**7440-62-2**	**6010C**	**24**		**2.0**	**mg/kg**	**1**
Zinc	**7440-66-6**	**6010C**	**21**		**2.0**	**mg/kg**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SD-19**
Date Sampled: **08/22/2016 1520**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-026**
Matrix: **Solid**
% Solids: **77.6** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	9012B	(Cyanide - To) 9012B	1	09/02/2016 1851	MJI	09/02/2016 1237	21262

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Cyanide - Total	57-12-5	9012B	ND		0.64	mg/kg	2

QL = Practical quantitation limit
D = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Shealy Environmental Services, Inc.
206 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Client: **synTerra**
Description: **BL-SD-19**
Date Sampled: **08/22/2016 1520**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-026**
Matrix: **Solid**
% Solids: **77.6** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	09/06/2016 1718	RBH	08/31/2016 2310	21109

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		420	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		420	ug/kg	1
Acetophenone	98-86-2	8270D	ND		420	ug/kg	1
Anthracene	120-12-7	8270D	ND		420	ug/kg	1
Atrazine	1912-24-9	8270D	ND		420	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		1100	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		420	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		420	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		420	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		420	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		420	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		420	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		420	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		420	ug/kg	1
Caprolactam	105-60-2	8270D	ND		1100	ug/kg	1
Carbazole	86-74-8	8270D	ND		420	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		420	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		420	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		420	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		420	ug/kg	1
bis (2-Chloro-1-methylethyl) ether	108-60-1	8270D	ND		420	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		420	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		420	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		420	ug/kg	1
Chrysene	218-01-9	8270D	ND		420	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		420	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		420	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		420	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		420	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		1100	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		420	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		420	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		420	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		420	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		1100	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		1100	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		420	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		420	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		420	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		420	ug/kg	1
Fluorene	86-73-7	8270D	ND		420	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		420	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		420	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		1100	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SD-19**
Date Sampled: **08/22/2016 1520**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-026**
Matrix: **Solid**
% Solids: **77.6** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	09/06/2016 1718	RBH	08/31/2016 2310	21109

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		420	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		420	ug/kg	1
Isophorone	78-59-1	8270D	ND		420	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		420	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		420	ug/kg	1
3+4-Methylphenol	106-44-5	8270D	ND		850	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		420	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		420	ug/kg	1
Naphthalene	91-20-3	8270D	ND		420	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		420	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		420	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		420	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		420	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		420	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		1100	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		1100	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		420	ug/kg	1
Phenol	108-95-2	8270D	ND		420	ug/kg	1
Pyrene	129-00-0	8270D	ND		420	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		420	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		420	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		71	30-117
2-Fluorobiphenyl		59	33-102
2-Fluorophenol		64	28-104
Nitrobenzene-d5		60	22-109
Phenol-d5		66	27-103
Terphenyl-d14		75	41-120

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Shealy Environmental Services, Inc.
206 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Client: **synTerra**
Description: **BL-SD-19**
Date Sampled: **08/22/2016 1520**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-026**
Matrix: **Solid**
% Solids: **77.6** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/02/2016 1900	MEM	09/01/2016 1342	21164

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		13	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		13	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		13	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		13	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**47**		**13**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**45**		**13**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		13	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		90	41-132
Tetrachloro-m-xylene		93	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SD-19**
Date Sampled: **08/22/2016 1520**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-026**
Matrix: **Solid**
% Solids: **77.6** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	1	09/06/2016 1708	PMS	09/01/2016 1342	21166

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		1.3	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		1.3	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		1.3	ug/kg	1
beta-BHC	319-85-7	8081B	ND		1.3	ug/kg	1
delta-BHC	319-86-8	8081B	ND		1.3	ug/kg	1
Chlordane	57-74-9	8081B	ND		2.6	ug/kg	1
cis-Chlordane	5103-71-9	8081B	ND		1.3	ug/kg	1
trans-Chlordane	**5103-74-2**	**8081B**	**1.3**	**P**	**1.3**	**ug/kg**	**1**
4,4'-DDD	72-54-8	8081B	ND		1.3	ug/kg	1
4,4'-DDE	**72-55-9**	**8081B**	**6.0**		**1.3**	**ug/kg**	**1**
4,4'-DDT	**50-29-3**	**8081B**	**2.3**	**P**	**1.3**	**ug/kg**	**1**
Dieldrin	**60-57-1**	**8081B**	**1.7**	**P**	**1.3**	**ug/kg**	**1**
Endosulfan I	959-98-8	8081B	ND		1.3	ug/kg	1
Endosulfan II	33213-65-9	8081B	ND		1.3	ug/kg	1
Endosulfan sulfate	1031-07-8	8081B	ND		1.3	ug/kg	1
Endrin	72-20-8	8081B	ND		1.3	ug/kg	1
Endrin aldehyde	7421-93-4	8081B	ND		1.3	ug/kg	1
Endrin ketone	53494-70-5	8081B	ND		1.3	ug/kg	1
Heptachlor	76-44-8	8081B	ND		1.3	ug/kg	1
Heptachlor epoxide	1024-57-3	8081B	ND		1.3	ug/kg	1
Methoxychlor	72-43-5	8081B	ND		5.1	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		13	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		93	57-110
Tetrachloro-m-xylene		89	37-91

QL = Practical quantitation limit
D = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
here applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SD-19**
Date Sampled: **08/22/2016 1520**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-026**
Matrix: **Solid**
% Solids: **77.6** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7471B	7471B	1	08/30/2016 1234	CLM	08/29/2016 0936	20870
1	3050B	6010C	1	09/03/2016 1517	CJZ	08/31/2016 1101	21039
2	3050B	6010C	1	09/07/2016 1357	CJZ	08/31/2016 1101	21039

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aluminum	**7429-90-5**	**6010C**	**6100**		**19**	**mg/kg**	**2**
Antimony	7440-36-0	6010C	ND		0.95	mg/kg	1
Arsenic	7440-38-2	6010C	ND		0.72	mg/kg	1
Barium	**7440-39-3**	**6010C**	**31**		**1.2**	**mg/kg**	**2**
Beryllium	7440-41-7	6010C	ND		0.24	mg/kg	2
Cadmium	7440-43-9	6010C	ND		0.24	mg/kg	1
Calcium	7440-70-2	6010C	ND		240	mg/kg	1
Chromium	**7440-47-3**	**6010C**	**6.2**		**0.48**	**mg/kg**	**1**
Cobalt	7440-48-4	6010C	ND		1.2	mg/kg	1
Copper	**7440-50-8**	**6010C**	**3.4**		**0.48**	**mg/kg**	**1**
Iron	**7439-89-6**	**6010C**	**3100**		**4.8**	**mg/kg**	**2**
Lead	**7439-92-1**	**6010C**	**11**		**0.48**	**mg/kg**	**1**
Magnesium	7439-95-4	6010C	ND		240	mg/kg	1
Manganese	**7439-96-5**	**6010C**	**20**		**0.72**	**mg/kg**	**1**
Mercury	7439-97-6	7471B	ND		0.098	mg/kg	1
Nickel	**7440-02-0**	**6010C**	**2.3**		**1.9**	**mg/kg**	**1**
Potassium	7440-09-7	6010C	ND		240	mg/kg	2
Selenium	7782-49-2	6010C	ND		0.95	mg/kg	1
Silver	7440-22-4	6010C	ND		0.48	mg/kg	1
Sodium	7440-23-5	6010C	ND		240	mg/kg	2
Thallium	7440-28-0	6010C	ND		2.4	mg/kg	1
Vanadium	**7440-62-2**	**6010C**	**10**		**2.4**	**mg/kg**	**1**
Zinc	**7440-66-6**	**6010C**	**15**		**2.4**	**mg/kg**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-DS-19**
Date Sampled: **08/22/2016 1525**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-027**
Matrix: **Solid**
% Solids: **75.9** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	9012B	(Cyanide - To) 9012B	1	09/02/2016 1852	MJI	09/02/2016 1237	21262

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Cyanide - Total	57-12-5	9012B	ND		0.66	mg/kg	2

QL = Practical quantitation limit
D = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
here applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-DS-19**
Date Sampled: **08/22/2016 1525**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-027**
Matrix: **Solid**
% Solids: **75.9** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	09/06/2016 1742	RBH	08/31/2016 2310	21109

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		430	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		430	ug/kg	1
Acetophenone	98-86-2	8270D	ND		430	ug/kg	1
Anthracene	120-12-7	8270D	ND		430	ug/kg	1
Atrazine	1912-24-9	8270D	ND		430	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		1100	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		430	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		430	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		430	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		430	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		430	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		430	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		430	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		430	ug/kg	1
Caprolactam	105-60-2	8270D	ND		1100	ug/kg	1
Carbazole	86-74-8	8270D	ND		430	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		430	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		430	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		430	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		430	ug/kg	1
bis (2-Chloro-1-methylethyl) ether	108-60-1	8270D	ND		430	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		430	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		430	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		430	ug/kg	1
Chrysene	218-01-9	8270D	ND		430	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		430	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		430	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		430	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		430	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		1100	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		430	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		430	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		430	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		430	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		1100	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		1100	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		430	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		430	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		430	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		430	ug/kg	1
Fluorene	86-73-7	8270D	ND		430	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		430	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		430	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		1100	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-DS-19**
Date Sampled: **08/22/2016 1525**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-027**
Matrix: **Solid**
% Solids: **75.9** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	09/06/2016 1742	RBH	08/31/2016 2310	21109

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		430	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		430	ug/kg	1
Isophorone	78-59-1	8270D	ND		430	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		430	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		430	ug/kg	1
3+4-Methylphenol	106-44-5	8270D	ND		880	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		430	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		430	ug/kg	1
Naphthalene	91-20-3	8270D	ND		430	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		430	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		430	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		430	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		430	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		430	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		1100	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		1100	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		430	ug/kg	1
Phenol	108-95-2	8270D	ND		430	ug/kg	1
Pyrene	129-00-0	8270D	ND		430	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		430	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		430	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		76	30-117
2-Fluorobiphenyl		58	33-102
2-Fluorophenol		61	28-104
Nitrobenzene-d5		57	22-109
Phenol-d5		65	27-103
Terphenyl-d14		75	41-120

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-DS-19**
Date Sampled: **08/22/2016 1525**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-027**
Matrix: **Solid**
% Solids: **75.9** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/02/2016 1741	MEM	08/31/2016 2206	21111

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		13	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		13	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		13	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		13	ug/kg	1
Aroclor 1248	12672-29-6	8082A	ND		13	ug/kg	1
Aroclor 1254	11097-69-1	8082A	ND		13	ug/kg	1
Aroclor 1260	11096-82-5	8082A	ND		13	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		79	41-132
Tetrachloro-m-xylene		81	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-DS-19**
Date Sampled: **08/22/2016 1525**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-027**
Matrix: **Solid**
% Solids: **75.9** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	1	09/02/2016 1326	PMS	08/31/2016 2206	21110

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		1.3	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		1.3	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		1.3	ug/kg	1
beta-BHC	319-85-7	8081B	ND		1.3	ug/kg	1
delta-BHC	319-86-8	8081B	ND		1.3	ug/kg	1
Chlordane	57-74-9	8081B	ND		2.6	ug/kg	1
cis-Chlordane	5103-71-9	8081B	ND		1.3	ug/kg	1
trans-Chlordane	5103-74-2	8081B	ND		1.3	ug/kg	1
4,4'-DDD	72-54-8	8081B	ND		1.3	ug/kg	1
4,4'-DDE	72-55-9	8081B	ND		1.3	ug/kg	1
4,4'-DDT	50-29-3	8081B	ND		1.3	ug/kg	1
Dieldrin	60-57-1	8081B	ND		1.3	ug/kg	1
Endosulfan I	959-98-8	8081B	ND		1.3	ug/kg	1
Endosulfan II	33213-65-9	8081B	ND		1.3	ug/kg	1
Endosulfan sulfate	1031-07-8	8081B	ND		1.3	ug/kg	1
Endrin	72-20-8	8081B	ND		1.3	ug/kg	1
Endrin aldehyde	7421-93-4	8081B	ND		1.3	ug/kg	1
Endrin ketone	53494-70-5	8081B	ND		1.3	ug/kg	1
Heptachlor	76-44-8	8081B	ND		1.3	ug/kg	1
Heptachlor epoxide	1024-57-3	8081B	ND		1.3	ug/kg	1
Methoxychlor	72-43-5	8081B	ND		5.2	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		13	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		76	57-110
Tetrachloro-m-xylene		77	37-91

QL = Practical quantitation limit
D = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
here applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-DS-19**
Date Sampled: **08/22/2016 1525**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-027**
Matrix: **Solid**
% Solids: **75.9** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7471B	7471B	1	08/30/2016 1236	CLM	08/29/2016 0936	20870
1	3050B	6010C	1	09/03/2016 1522	CJZ	08/31/2016 1101	21039
2	3050B	6010C	1	09/07/2016 1401	CJZ	08/31/2016 1101	21039

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aluminum	**7429-90-5**	**6010C**	**7100**		**19**	**mg/kg**	**2**
Antimony	7440-36-0	6010C	ND		0.96	mg/kg	1
Arsenic	**7440-38-2**	**6010C**	**1.0**		**0.72**	**mg/kg**	**1**
Barium	**7440-39-3**	**6010C**	**51**		**1.3**	**mg/kg**	**2**
Beryllium	7440-41-7	6010C	ND		0.24	mg/kg	2
Cadmium	7440-43-9	6010C	ND		0.24	mg/kg	1
Calcium	7440-70-2	6010C	ND		240	mg/kg	1
Chromium	**7440-47-3**	**6010C**	**7.6**		**0.48**	**mg/kg**	**1**
Cobalt	7440-48-4	6010C	ND		1.3	mg/kg	1
Copper	**7440-50-8**	**6010C**	**3.3**		**0.48**	**mg/kg**	**1**
Iron	**7439-89-6**	**6010C**	**4800**		**4.8**	**mg/kg**	**2**
Lead	**7439-92-1**	**6010C**	**7.6**		**0.48**	**mg/kg**	**1**
Magnesium	7439-95-4	6010C	ND		240	mg/kg	1
Manganese	**7439-96-5**	**6010C**	**32**		**0.72**	**mg/kg**	**1**
Mercury	7439-97-6	7471B	ND		0.11	mg/kg	1
Nickel	**7440-02-0**	**6010C**	**2.6**		**1.9**	**mg/kg**	**1**
Potassium	7440-09-7	6010C	ND		240	mg/kg	2
Selenium	7782-49-2	6010C	ND		0.96	mg/kg	1
Silver	7440-22-4	6010C	ND		0.48	mg/kg	1
Sodium	7440-23-5	6010C	ND		240	mg/kg	2
Thallium	7440-28-0	6010C	ND		2.4	mg/kg	1
Vanadium	**7440-62-2**	**6010C**	**13**		**2.4**	**mg/kg**	**1**
Zinc	**7440-66-6**	**6010C**	**9.1**		**2.4**	**mg/kg**	**1**

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra** | Laboratory ID: **RH26003-028**
Description: **BL-SS-48** | Matrix: **Solid**
Date Sampled: **08/25/2016 0957** | % Solids: **86.1** **08/26/2016 2125**
Date Received: **08/26/2016**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/29/2016 2011	ECP		20911	5.45

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	**67-64-1**	**8260B**	**110**		**21**	**ug/kg**	**1**
Benzene	71-43-2	8260B	ND		5.3	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND		5.3	ug/kg	1
Bromoform	75-25-2	8260B	ND		5.3	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		5.3	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND		21	ug/kg	1
Carbon disulfide	75-15-0	8260B	ND		5.3	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND		5.3	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND		5.3	ug/kg	1
Chloroethane	75-00-3	8260B	ND		5.3	ug/kg	1
Chloroform	67-66-3	8260B	ND		5.3	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		5.3	ug/kg	1
Cyclohexane	110-82-7	8260B	ND		5.3	ug/kg	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		5.3	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND		5.3	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		5.3	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		5.3	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		5.3	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		5.3	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND		5.3	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND		5.3	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND		5.3	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND		5.3	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		5.3	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		5.3	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND		5.3	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		5.3	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		5.3	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND		5.3	ug/kg	1
2-Hexanone	591-78-6	8260B	ND		11	ug/kg	1
Isopropylbenzene	**98-82-8**	**8260B**	**77**		**5.3**	**ug/kg**	**1**
Methyl acetate	79-20-9	8260B	ND		5.3	ug/kg	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		5.3	ug/kg	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		11	ug/kg	1
Methylcyclohexane	108-87-2	8260B	ND		5.3	ug/kg	1
Methylene chloride	75-09-2	8260B	ND		5.3	ug/kg	1
Styrene	100-42-5	8260B	ND		5.3	ug/kg	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		5.3	ug/kg	1
Tetrachloroethene	127-18-4	8260B	ND		5.3	ug/kg	1
Toluene	108-88-3	8260B	ND		5.3	ug/kg	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		5.3	ug/kg	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		5.3	ug/kg	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		5.3	ug/kg	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		5.3	ug/kg	1

QL = Practical quantitation limit | B = Detected in the method blank | E = Quantitation of compound exceeded the calibration range | H = Out of holding time
D = Not detected at or above the PQL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria
here applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **synTerra**
Description: **BL-SS-48**
Date Sampled: **08/25/2016 0957**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-028**
Matrix: **Solid**
% Solids: **86.1** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	08/29/2016 2011	ECP		20911	5.45

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		5.3	ug/kg	1
Trichlorofluoromethane	75-69-4	8260B	ND		5.3	ug/kg	1
Vinyl chloride	75-01-4	8260B	ND		5.3	ug/kg	1
Xylenes (total)	1330-20-7	8260B	ND		11	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		97	53-142
Bromofluorobenzene		79	47-138
Toluene-d8		97	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-75A**
Date Sampled: **08/25/2016 1618**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-029**
Matrix: **Solid**
% Solids: **84.5** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	20	09/07/2016 1440	MEM	09/02/2016 1925	21292

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		240	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		240	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		240	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		240	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**2100**		**240**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**2900**		**240**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		240	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		105	41-132
Tetrachloro-m-xylene		91	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-75B**
Date Sampled: **08/25/2016 1612**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-030**
Matrix: **Solid**
% Solids: **86.4** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/07/2016 1454	MEM	09/02/2016 1925	21292

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		120	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		120	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		120	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		120	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**610**		**120**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**1800**		**120**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		120	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		97	41-132
Tetrachloro-m-xylene		87	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RH26003-031**
Description: **BL-SS-75C**	Matrix: **Solid**
Date Sampled: **08/25/2016 1612**	% Solids: **87.9** **08/26/2016 2125**
Date Received: **08/26/2016**	

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/07/2016 1507	MEM	09/02/2016 1925	21292

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		11	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		11	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		11	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		11	ug/kg	1
Aroclor 1248	12672-29-6	8082A	ND		11	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**88**		**11**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		11	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		73	41-132
Tetrachloro-m-xylene		75	35-106

QL = Practical quantitation limit
D = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
here applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-75D**
Date Sampled: **08/25/2016 1622**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-032**
Matrix: **Solid**
% Solids: **90.0** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/07/2016 1520	MEM	09/02/2016 1925	21292

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		110	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		110	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		110	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		110	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**410**		**110**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**610**		**110**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		110	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		84	41-132
Tetrachloro-m-xylene		87	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-67-DUP**
Date Sampled: **08/24/2016 1336**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-033**
Matrix: **Solid**
% Solids: **87.3** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	9012B	(Cyanide - To) 9012B	1	09/02/2016 1853	MJI	09/02/2016 1237	21262

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Cyanide - Total	57-12-5	9012B	ND		0.57	mg/kg	2

QL = Practical quantitation limit
D = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-67-DUP**
Date Sampled: **08/24/2016 1336**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-033**
Matrix: **Solid**
% Solids: **87.3** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	09/02/2016 2010	RBH	08/31/2016 2310	21109

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acenaphthene	83-32-9	8270D	ND		370	ug/kg	1
Acenaphthylene	208-96-8	8270D	ND		370	ug/kg	1
Acetophenone	98-86-2	8270D	ND		370	ug/kg	1
Anthracene	120-12-7	8270D	ND		370	ug/kg	1
Atrazine	1912-24-9	8270D	ND		370	ug/kg	1
Benzaldehyde	100-52-7	8270D	ND		930	ug/kg	1
Benzo(a)anthracene	56-55-3	8270D	ND		370	ug/kg	1
Benzo(a)pyrene	50-32-8	8270D	ND		370	ug/kg	1
Benzo(b)fluoranthene	205-99-2	8270D	ND		370	ug/kg	1
Benzo(g,h,i)perylene	191-24-2	8270D	ND		370	ug/kg	1
Benzo(k)fluoranthene	207-08-9	8270D	ND		370	ug/kg	1
1,1'-Biphenyl	92-52-4	8270D	ND		370	ug/kg	1
4-Bromophenyl phenyl ether	101-55-3	8270D	ND		370	ug/kg	1
Butyl benzyl phthalate	85-68-7	8270D	ND		370	ug/kg	1
Caprolactam	105-60-2	8270D	ND		930	ug/kg	1
Carbazole	86-74-8	8270D	ND		370	ug/kg	1
4-Chloro-3-methyl phenol	59-50-7	8270D	ND		370	ug/kg	1
4-Chloroaniline	106-47-8	8270D	ND		370	ug/kg	1
bis(2-Chloroethoxy)methane	111-91-1	8270D	ND		370	ug/kg	1
bis(2-Chloroethyl)ether	111-44-4	8270D	ND		370	ug/kg	1
bis (2-Chloro-1-methylethyl) ether	108-60-1	8270D	ND		370	ug/kg	1
2-Chloronaphthalene	91-58-7	8270D	ND		370	ug/kg	1
2-Chlorophenol	95-57-8	8270D	ND		370	ug/kg	1
4-Chlorophenyl phenyl ether	7005-72-3	8270D	ND		370	ug/kg	1
Chrysene	218-01-9	8270D	ND		370	ug/kg	1
Di-n-butyl phthalate	84-74-2	8270D	ND		370	ug/kg	1
Di-n-octylphthalate	117-84-0	8270D	ND		370	ug/kg	1
Dibenzo(a,h)anthracene	53-70-3	8270D	ND		370	ug/kg	1
Dibenzofuran	132-64-9	8270D	ND		370	ug/kg	1
3,3'-Dichlorobenzidine	91-94-1	8270D	ND		930	ug/kg	1
2,4-Dichlorophenol	120-83-2	8270D	ND		370	ug/kg	1
Diethylphthalate	84-66-2	8270D	ND		370	ug/kg	1
Dimethyl phthalate	131-11-3	8270D	ND		370	ug/kg	1
2,4-Dimethylphenol	105-67-9	8270D	ND		370	ug/kg	1
4,6-Dinitro-2-methylphenol	534-52-1	8270D	ND		930	ug/kg	1
2,4-Dinitrophenol	51-28-5	8270D	ND		930	ug/kg	1
2,4-Dinitrotoluene	121-14-2	8270D	ND		370	ug/kg	1
2,6-Dinitrotoluene	606-20-2	8270D	ND		370	ug/kg	1
bis(2-Ethylhexyl)phthalate	117-81-7	8270D	ND		370	ug/kg	1
Fluoranthene	206-44-0	8270D	ND		370	ug/kg	1
Fluorene	86-73-7	8270D	ND		370	ug/kg	1
Hexachlorobenzene	118-74-1	8270D	ND		370	ug/kg	1
Hexachlorobutadiene	87-68-3	8270D	ND		370	ug/kg	1
Hexachlorocyclopentadiene	77-47-4	8270D	ND		930	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-67-DUP**
Date Sampled: **08/24/2016 1336**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-033**
Matrix: **Solid**
% Solids: **87.3** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	09/02/2016 2010	RBH	08/31/2016 2310	21109

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Hexachloroethane	67-72-1	8270D	ND		370	ug/kg	1
Indeno(1,2,3-c,d)pyrene	193-39-5	8270D	ND		370	ug/kg	1
Isophorone	78-59-1	8270D	ND		370	ug/kg	1
2-Methylnaphthalene	91-57-6	8270D	ND		370	ug/kg	1
2-Methylphenol	95-48-7	8270D	ND		370	ug/kg	1
3+4-Methylphenol	106-44-5	8270D	ND		750	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		370	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		370	ug/kg	1
Naphthalene	91-20-3	8270D	ND		370	ug/kg	1
2-Nitroaniline	88-74-4	8270D	ND		370	ug/kg	1
3-Nitroaniline	99-09-2	8270D	ND		370	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		370	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		370	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		370	ug/kg	1
4-Nitrophenol	100-02-7	8270D	ND		930	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		930	ug/kg	1
Phenanthrene	85-01-8	8270D	ND		370	ug/kg	1
Phenol	108-95-2	8270D	ND		370	ug/kg	1
Pyrene	129-00-0	8270D	ND		370	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		370	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		370	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		68	30-117
2-Fluorobiphenyl		58	33-102
2-Fluorophenol		61	28-104
Nitrobenzene-d5		59	22-109
Phenol-d5		64	27-103
Terphenyl-d14		87	41-120

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-67-DUP**
Date Sampled: **08/24/2016 1336**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-033**
Matrix: **Solid**
% Solids: **87.3** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/01/2016 2159	MEM	08/31/2016 2206	21111

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		110	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		110	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		110	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		110	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**1200**		**110**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**1600**		**110**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		110	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		76	41-132
Tetrachloro-m-xylene		67	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-67-DUP**
Date Sampled: **08/24/2016 1336**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-033**
Matrix: **Solid**
% Solids: **87.3** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	10	09/02/2016 1341	PMS	08/31/2016 2206	21110

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		11	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		11	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		11	ug/kg	1
beta-BHC	319-85-7	8081B	ND		11	ug/kg	1
delta-BHC	319-86-8	8081B	ND		11	ug/kg	1
Chlordane	57-74-9	8081B	ND		22	ug/kg	1
cis-Chlordane	5103-71-9	8081B	ND		11	ug/kg	1
trans-Chlordane	**5103-74-2**	**8081B**	**27**		**11**	**ug/kg**	**1**
4,4'-DDD	72-54-8	8081B	ND		11	ug/kg	1
4,4'-DDE	72-55-9	8081B	ND		11	ug/kg	1
4,4'-DDT	**50-29-3**	**8081B**	**47**		**11**	**ug/kg**	**1**
Dieldrin	**60-57-1**	**8081B**	**46**		**11**	**ug/kg**	**1**
Endosulfan I	959-98-8	8081B	ND		11	ug/kg	1
Endosulfan II	33213-65-9	8081B	ND		11	ug/kg	1
Endosulfan sulfate	1031-07-8	8081B	ND		11	ug/kg	1
Endrin	72-20-8	8081B	ND		11	ug/kg	1
Endrin aldehyde	7421-93-4	8081B	ND		11	ug/kg	1
Endrin ketone	53494-70-5	8081B	ND		11	ug/kg	1
Heptachlor	76-44-8	8081B	ND		11	ug/kg	1
Heptachlor epoxide	1024-57-3	8081B	ND		11	ug/kg	1
Methoxychlor	72-43-5	8081B	ND		45	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		110	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		70	57-110
Tetrachloro-m-xylene		68	37-91

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Shealy Environmental Services, Inc.
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Client: **synTerra**
Description: **BL-SS-67-DUP**
Date Sampled: **08/24/2016 1336**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-033**
Matrix: **Solid**
% Solids: **87.3** **08/26/2016 2125**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	7471B	7471B	1	08/30/2016 1238	CLM	08/29/2016 0936	20870
1	3050B	6010C	1	09/03/2016 1526	CJZ	08/31/2016 1101	21039
3	3050B	6010C	1	09/07/2016 1406	CJZ	08/31/2016 1101	21039

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aluminum	**7429-90-5**	**6010C**	**18000**		**20**	**mg/kg**	**3**
Antimony	7440-36-0	6010C	ND		0.99	mg/kg	1
Arsenic	**7440-38-2**	**6010C**	**2.1**		**0.74**	**mg/kg**	**1**
Barium	**7440-39-3**	**6010C**	**34**		**1.3**	**mg/kg**	**3**
Beryllium	7440-41-7	6010C	ND		0.25	mg/kg	3
Cadmium	7440-43-9	6010C	ND		0.25	mg/kg	1
Calcium	**7440-70-2**	**6010C**	**950**		**250**	**mg/kg**	**1**
Chromium	**7440-47-3**	**6010C**	**18**		**0.49**	**mg/kg**	**1**
Cobalt	7440-48-4	6010C	ND		1.3	mg/kg	1
Copper	**7440-50-8**	**6010C**	**6.4**		**0.49**	**mg/kg**	**1**
Iron	**7439-89-6**	**6010C**	**12000**		**4.9**	**mg/kg**	**3**
Lead	**7439-92-1**	**6010C**	**8.4**		**0.49**	**mg/kg**	**1**
Magnesium	**7439-95-4**	**6010C**	**380**		**250**	**mg/kg**	**1**
Manganese	**7439-96-5**	**6010C**	**96**		**0.74**	**mg/kg**	**1**
Mercury	7439-97-6	7471B	ND		0.093	mg/kg	1
Nickel	**7440-02-0**	**6010C**	**5.8**		**2.0**	**mg/kg**	**1**
Potassium	**7440-09-7**	**6010C**	**380**		**250**	**mg/kg**	**3**
Selenium	7782-49-2	6010C	ND		0.99	mg/kg	1
Silver	7440-22-4	6010C	ND		0.49	mg/kg	1
Sodium	7440-23-5	6010C	ND		250	mg/kg	3
Thallium	7440-28-0	6010C	ND		2.5	mg/kg	1
Vanadium	**7440-62-2**	**6010C**	**33**		**2.5**	**mg/kg**	**1**
Zinc	**7440-66-6**	**6010C**	**14**		**2.5**	**mg/kg**	**3**

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

QC Summary

Inorganic non-metals - MB

Sample ID: RQ20971-001
Batch: 20971
Analytical Method: 9012B

Matrix: Solid
Prep Method: 9012B
Prep Date: 08/30/2016 1145

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Cyanide - Total	ND		1	0.50	mg/kg	08/30/2016 1754

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Inorganic non-metals - LCS

Sample ID: RQ20971-002
Batch: 20971
Analytical Method: 9012B

Matrix: Solid
Prep Method: 9012B
Prep Date: 08/30/2016 1145

Parameter	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Cyanide - Total	5.0	4.9		1	98	90-110	08/30/2016 1755

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Inorganic non-metals - MS

Sample ID: RH26003-021MS
Batch: 20971
Analytical Method: 9012B

Matrix: Solid
Prep Method: 9012B
Prep Date: 08/30/2016 1145

Parameter	Sample Amount (mg/kg)	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Cyanide - Total	ND	5.1	5.2		1	103	70-130	08/30/2016 1828

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Inorganic non-metals - MSD

Sample ID: RH26003-021MD
Batch: 20971
Analytical Method: 9012B

Matrix: Solid
Prep Method: 9012B
Prep Date: 08/30/2016 1145

Parameter	Sample Amount (mg/kg)	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Cyanide - Total	ND	5.1	5.2		1	103	0.017	70-130	20	08/30/2016 1829

QL = Practical quantitation limit
ID = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Inorganic non-metals - MB

Sample ID: RQ21262-001
Batch: 21262
Analytical Method: 9012B

Matrix: Solid
Prep Method: 9012B
Prep Date: 09/02/2016 1237

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Cyanide - Total	ND		1	0.50	mg/kg	09/02/2016 1832

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Inorganic non-metals - LCS

Sample ID: RQ21262-002
Batch: 21262
Analytical Method: 9012B

Matrix: Solid
Prep Method: 9012B
Prep Date: 09/02/2016 1237

Parameter	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Cyanide - Total	5.0	5.0		1	100	90-110	09/02/2016 1833

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Inorganic non-metals - MS

Sample ID: RH26003-024MS
Batch: 21262
Analytical Method: 9012B

Matrix: Solid
Prep Method: 9012B
Prep Date: 09/02/2016 1237

Parameter	Sample Amount (mg/kg)	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Cyanide - Total	ND	5.8	5.8		1	99	70-130	09/02/2016 1847

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Inorganic non-metals - MSD

Sample ID: RH26003-024MD
Batch: 21262
Analytical Method: 9012B

Matrix: Solid
Prep Method: 9012B
Prep Date: 09/02/2016 1237

Parameter	Sample Amount (mg/kg)	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Cyanide - Total	ND	5.8	5.7		1	98	0.95	70-130	20	09/02/2016 1848

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: RQ20911-001
Batch: 20911
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Acetone	ND		1	20	ug/kg	08/29/2016 1847
Benzene	ND		1	5.0	ug/kg	08/29/2016 1847
Bromodichloromethane	ND		1	5.0	ug/kg	08/29/2016 1847
Bromoform	ND		1	5.0	ug/kg	08/29/2016 1847
Bromomethane (Methyl bromide)	ND		1	5.0	ug/kg	08/29/2016 1847
2-Butanone (MEK)	ND		1	20	ug/kg	08/29/2016 1847
Carbon disulfide	ND		1	5.0	ug/kg	08/29/2016 1847
Carbon tetrachloride	ND		1	5.0	ug/kg	08/29/2016 1847
Chlorobenzene	ND		1	5.0	ug/kg	08/29/2016 1847
Chloroethane	ND		1	5.0	ug/kg	08/29/2016 1847
Chloroform	ND		1	5.0	ug/kg	08/29/2016 1847
Chloromethane (Methyl chloride)	ND		1	5.0	ug/kg	08/29/2016 1847
Cyclohexane	ND		1	5.0	ug/kg	08/29/2016 1847
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	ug/kg	08/29/2016 1847
Dibromochloromethane	ND		1	5.0	ug/kg	08/29/2016 1847
1,2-Dibromoethane (EDB)	ND		1	5.0	ug/kg	08/29/2016 1847
1,4-Dichlorobenzene	ND		1	5.0	ug/kg	08/29/2016 1847
1,3-Dichlorobenzene	ND		1	5.0	ug/kg	08/29/2016 1847
1,2-Dichlorobenzene	ND		1	5.0	ug/kg	08/29/2016 1847
Dichlorodifluoromethane	ND		1	5.0	ug/kg	08/29/2016 1847
1,2-Dichloroethane	ND		1	5.0	ug/kg	08/29/2016 1847
1,1-Dichloroethane	ND		1	5.0	ug/kg	08/29/2016 1847
trans-1,2-Dichloroethene	ND		1	5.0	ug/kg	08/29/2016 1847
cis-1,2-Dichloroethene	ND		1	5.0	ug/kg	08/29/2016 1847
1,1-Dichloroethene	ND		1	5.0	ug/kg	08/29/2016 1847
1,2-Dichloropropane	ND		1	5.0	ug/kg	08/29/2016 1847
trans-1,3-Dichloropropene	ND		1	5.0	ug/kg	08/29/2016 1847
cis-1,3-Dichloropropene	ND		1	5.0	ug/kg	08/29/2016 1847
Ethylbenzene	ND		1	5.0	ug/kg	08/29/2016 1847
2-Hexanone	ND		1	10	ug/kg	08/29/2016 1847
Isopropylbenzene	ND		1	5.0	ug/kg	08/29/2016 1847
Methyl acetate	ND		1	5.0	ug/kg	08/29/2016 1847
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	ug/kg	08/29/2016 1847
4-Methyl-2-pentanone	ND		1	10	ug/kg	08/29/2016 1847
Methylcyclohexane	ND		1	5.0	ug/kg	08/29/2016 1847
Methylene chloride	ND		1	5.0	ug/kg	08/29/2016 1847
Styrene	ND		1	5.0	ug/kg	08/29/2016 1847
1,1,2,2-Tetrachloroethane	ND		1	5.0	ug/kg	08/29/2016 1847
Tetrachloroethene	ND		1	5.0	ug/kg	08/29/2016 1847
Toluene	ND		1	5.0	ug/kg	08/29/2016 1847
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	ug/kg	08/29/2016 1847
1,2,4-Trichlorobenzene	ND		1	5.0	ug/kg	08/29/2016 1847
1,1,2-Trichloroethane	ND		1	5.0	ug/kg	08/29/2016 1847
1,1,1-Trichloroethane	ND		1	5.0	ug/kg	08/29/2016 1847

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: RQ20911-001
Batch: 20911
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Trichloroethene	ND		1	5.0	ug/kg	08/29/2016 1847
Trichlorofluoromethane	ND		1	5.0	ug/kg	08/29/2016 1847
Vinyl chloride	ND		1	5.0	ug/kg	08/29/2016 1847
Xylenes (total)	ND		1	10	ug/kg	08/29/2016 1847

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		91	47-138
1,2-Dichloroethane-d4		97	53-142
Toluene-d8		99	68-124

QL = Practical quantitation limit
D = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

here applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

ote: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: RQ20911-002
Batch: 20911
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	120		1	124	60-140	08/29/2016 1750
Benzene	50	55		1	109	69-123	08/29/2016 1750
Bromodichloromethane	50	53		1	106	69-121	08/29/2016 1750
Bromoform	50	42		1	83	61-119	08/29/2016 1750
Bromomethane (Methyl bromide)	50	49		1	99	10-168	08/29/2016 1750
2-Butanone (MEK)	100	100		1	104	57-148	08/29/2016 1750
Carbon disulfide	50	60		1	120	58-122	08/29/2016 1750
Carbon tetrachloride	50	55		1	111	58-136	08/29/2016 1750
Chlorobenzene	50	50		1	99	59-129	08/29/2016 1750
Chloroethane	50	50		1	99	60-140	08/29/2016 1750
Chloroform	50	55		1	110	71-125	08/29/2016 1750
Chloromethane (Methyl chloride)	50	49		1	98	34-134	08/29/2016 1750
Cyclohexane	50	58		1	116	53-139	08/29/2016 1750
1,2-Dibromo-3-chloropropane (DBCP)	50	42		1	83	55-125	08/29/2016 1750
Dibromochloromethane	50	47		1	95	66-119	08/29/2016 1750
1,2-Dibromoethane (EDB)	50	48		1	96	74-124	08/29/2016 1750
1,4-Dichlorobenzene	50	46		1	93	52-133	08/29/2016 1750
1,3-Dichlorobenzene	50	46		1	92	51-134	08/29/2016 1750
1,2-Dichlorobenzene	50	46		1	91	57-131	08/29/2016 1750
Dichlorodifluoromethane	50	55		1	109	10-157	08/29/2016 1750
1,2-Dichloroethane	50	56		1	112	67-129	08/29/2016 1750
1,1-Dichloroethane	50	59		1	118	71-127	08/29/2016 1750
trans-1,2-Dichloroethene	50	59		1	117	68-131	08/29/2016 1750
cis-1,2-Dichloroethene	50	56		1	112	70-122	08/29/2016 1750
1,1-Dichloroethene	50	60		1	120	69-138	08/29/2016 1750
1,2-Dichloropropane	50	53		1	107	72-124	08/29/2016 1750
trans-1,3-Dichloropropene	50	50		1	99	70-124	08/29/2016 1750
cis-1,3-Dichloropropene	50	52		1	104	70-126	08/29/2016 1750
Ethylbenzene	50	50		1	100	59-128	08/29/2016 1750
2-Hexanone	100	82		1	82	54-137	08/29/2016 1750
Isopropylbenzene	50	49		1	97	50-136	08/29/2016 1750
Methyl acetate	50	59		1	117	59-137	08/29/2016 1750
Methyl tertiary butyl ether (MTBE)	50	55		1	110	70-130	08/29/2016 1750
4-Methyl-2-pentanone	100	89		1	89	60-134	08/29/2016 1750
Methylcyclohexane	50	57		1	114	41-144	08/29/2016 1750
Methylene chloride	50	58		1	116	70-130	08/29/2016 1750
Styrene	50	48		1	96	54-136	08/29/2016 1750
1,1,2,2-Tetrachloroethane	50	42		1	85	69-132	08/29/2016 1750
Tetrachloroethene	50	54		1	108	45-150	08/29/2016 1750
Toluene	50	53		1	107	61-129	08/29/2016 1750
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	60		1	120	49-136	08/29/2016 1750
1,2,4-Trichlorobenzene	50	47		1	94	34-145	08/29/2016 1750
1,1,2-Trichloroethane	50	47		1	93	55-128	08/29/2016 1750
1,1,1-Trichloroethane	50	57		1	113	63-128	08/29/2016 1750

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: RQ20911-002
Batch: 20911
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	56		1	112	62-126	08/29/2016 1750
Trichlorofluoromethane	50	52		1	104	45-138	08/29/2016 1750
Vinyl chloride	50	49		1	97	42-132	08/29/2016 1750
Xylenes (total)	100	99		1	99	58-128	08/29/2016 1750

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		87	47-138
1,2-Dichloroethane-d4		91	53-142
Toluene-d8		96	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - Duplicate

Sample ID: RH26003-022DU
Batch: 20911
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Sample Amount (ug/kg)	Result (ug/kg)	Q	Dil	% RPD	% RPD Limit	Analysis Date
Acetone	49	29	+	1	50	20	08/30/2016 0044
Benzene	ND	ND		1	0.00	20	08/30/2016 0044
Bromodichloromethane	ND	ND		1	0.00	20	08/30/2016 0044
Bromoform	ND	ND		1	0.00	20	08/30/2016 0044
Bromomethane (Methyl bromide)	ND	ND		1	0.00	20	08/30/2016 0044
2-Butanone (MEK)	ND	ND		1	0.00	20	08/30/2016 0044
Carbon disulfide	ND	ND		1	0.00	20	08/30/2016 0044
Carbon tetrachloride	ND	ND		1	0.00	20	08/30/2016 0044
Chlorobenzene	ND	ND		1	0.00	20	08/30/2016 0044
Chloroethane	ND	ND		1	0.00	20	08/30/2016 0044
Chloroform	ND	ND		1	0.00	20	08/30/2016 0044
Chloromethane (Methyl chloride)	ND	ND		1	0.00	20	08/30/2016 0044
Cyclohexane	ND	ND		1	0.00	20	08/30/2016 0044
1,2-Dibromo-3-chloropropane (DBCP)	ND	ND		1	0.00	20	08/30/2016 0044
Dibromochloromethane	ND	ND		1	0.00	20	08/30/2016 0044
1,2-Dibromoethane (EDB)	ND	ND		1	0.00	20	08/30/2016 0044
1,2-Dichlorobenzene	ND	ND		1	0.00	20	08/30/2016 0044
1,3-Dichlorobenzene	ND	ND		1	0.00	20	08/30/2016 0044
1,4-Dichlorobenzene	ND	ND		1	0.00	20	08/30/2016 0044
Dichlorodifluoromethane	ND	ND		1	0.00	20	08/30/2016 0044
1,1-Dichloroethane	ND	ND		1	0.00	20	08/30/2016 0044
1,2-Dichloroethane	ND	ND		1	0.00	20	08/30/2016 0044
1,1-Dichloroethene	ND	ND		1	0.00	20	08/30/2016 0044
cis-1,2-Dichloroethene	ND	ND		1	0.00	20	08/30/2016 0044
trans-1,2-Dichloroethene	ND	ND		1	0.00	20	08/30/2016 0044
1,2-Dichloropropane	ND	ND		1	0.00	20	08/30/2016 0044
cis-1,3-Dichloropropene	ND	ND		1	0.00	20	08/30/2016 0044
trans-1,3-Dichloropropene	ND	ND		1	0.00	20	08/30/2016 0044
Ethylbenzene	ND	ND		1	0.00	20	08/30/2016 0044
2-Hexanone	ND	ND		1	0.00	20	08/30/2016 0044
Isopropylbenzene	ND	ND		1	0.00	20	08/30/2016 0044
Methyl acetate	ND	ND		1	0.00	20	08/30/2016 0044
Methyl tertiary butyl ether (MTBE)	ND	ND		1	0.00	20	08/30/2016 0044
4-Methyl-2-pentanone	ND	ND		1	0.00	20	08/30/2016 0044
Methylcyclohexane	ND	ND		1	0.00	20	08/30/2016 0044
Methylene chloride	ND	ND		1	0.00	20	08/30/2016 0044
Styrene	ND	ND		1	0.00	20	08/30/2016 0044
1,1,2,2-Tetrachloroethane	ND	ND		1	0.00	20	08/30/2016 0044
Tetrachloroethene	ND	ND		1	0.00	20	08/30/2016 0044
Toluene	ND	ND		1	0.00	20	08/30/2016 0044
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ND		1	0.00	20	08/30/2016 0044
1,2,4-Trichlorobenzene	ND	ND		1	0.00	20	08/30/2016 0044
1,1,1-Trichloroethane	ND	ND		1	0.00	20	08/30/2016 0044
1,1,2-Trichloroethane	ND	ND		1	0.00	20	08/30/2016 0044

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - Duplicate

Sample ID: RH26003-022DU
Batch: 20911
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Sample Amount (ug/kg)	Result (ug/kg)	Q	Dil	% RPD	% RPD Limit	Analysis Date
Trichloroethene	ND	ND		1	0.00	20	08/30/2016 0044
Trichlorofluoromethane	ND	ND		1	0.00	20	08/30/2016 0044
Vinyl chloride	ND	ND		1	0.00	20	08/30/2016 0044
Xylenes (total)	ND	ND		1	0.00	20	08/30/2016 0044

Surrogate	Q	% Rec	Acceptance Limit
1,2-Dichloroethane-d4		93	53-142
Bromofluorobenzene		81	47-138
Toluene-d8		97	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MS

Sample ID: RH26003-023MS
Batch: 20911
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Sample Amount (ug/kg)	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	15	75	160	N	1	213	60-140	08/30/2016 0106
Benzene	ND	37	53	N	1	143	69-123	08/30/2016 0106
Bromodichloromethane	ND	37	50	N	1	133	69-121	08/30/2016 0106
Bromoform	ND	37	37		1	99	61-119	08/30/2016 0106
Bromomethane (Methyl bromide)	ND	37	50		1	135	35-144	08/30/2016 0106
2-Butanone (MEK)	ND	75	95		1	127	57-148	08/30/2016 0106
Carbon disulfide	ND	37	64	N	1	171	58-122	08/30/2016 0106
Carbon tetrachloride	ND	37	59	N	1	158	58-136	08/30/2016 0106
Chlorobenzene	ND	37	46		1	123	59-129	08/30/2016 0106
Chloroethane	ND	37	53	N	1	142	50-132	08/30/2016 0106
Chloroform	ND	37	57	N	1	152	71-125	08/30/2016 0106
Chloromethane (Methyl chloride)	ND	37	52	N	1	139	34-134	08/30/2016 0106
Cyclohexane	ND	37	62	N	1	165	53-139	08/30/2016 0106
1,2-Dibromo-3-chloropropane (DBCP)	ND	37	36		1	97	55-125	08/30/2016 0106
Dibromochloromethane	ND	37	44		1	117	66-119	08/30/2016 0106
1,2-Dibromoethane (EDB)	ND	37	43		1	116	74-124	08/30/2016 0106
1,2-Dichlorobenzene	ND	37	41		1	109	57-131	08/30/2016 0106
1,3-Dichlorobenzene	ND	37	41		1	111	51-134	08/30/2016 0106
1,4-Dichlorobenzene	ND	37	41		1	109	52-133	08/30/2016 0106
Dichlorodifluoromethane	ND	37	63	N	1	167	10-157	08/30/2016 0106
1,1-Dichloroethane	ND	37	61	N	1	164	71-127	08/30/2016 0106
1,2-Dichloroethane	ND	37	55	N	1	148	67-129	08/30/2016 0106
1,1-Dichloroethene	ND	37	65	N	1	173	69-138	08/30/2016 0106
cis-1,2-Dichloroethene	ND	37	58	N	1	155	70-122	08/30/2016 0106
trans-1,2-Dichloroethene	ND	37	62	N	1	166	68-131	08/30/2016 0106
1,2-Dichloropropane	ND	37	51	N	1	136	72-124	08/30/2016 0106
cis-1,3-Dichloropropene	ND	37	48	N	1	130	70-126	08/30/2016 0106
trans-1,3-Dichloropropene	ND	37	45		1	122	70-124	08/30/2016 0106
Ethylbenzene	ND	37	47		1	127	59-128	08/30/2016 0106
2-Hexanone	ND	75	75		1	100	54-137	08/30/2016 0106
Isopropylbenzene	ND	37	48		1	127	50-136	08/30/2016 0106
Methyl acetate	3.9	37	69	N	1	185	59-137	08/30/2016 0106
Methyl tertiary butyl ether (MTBE)	ND	37	53	N	1	142	70-130	08/30/2016 0106
4-Methyl-2-pentanone	ND	75	82		1	110	60-134	08/30/2016 0106
Methylcyclohexane	ND	37	57	N	1	153	41-144	08/30/2016 0106
Methylene chloride	ND	37	58	N	1	156	77-129	08/30/2016 0106
Styrene	ND	37	44		1	118	54-136	08/30/2016 0106
1,1,2,2-Tetrachloroethane	ND	37	40		1	106	69-132	08/30/2016 0106
Tetrachloroethene	ND	37	53	N	1	141	70-130	08/30/2016 0106
Toluene	ND	37	52	N	1	139	61-129	08/30/2016 0106
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	37	65	N	1	173	49-136	08/30/2016 0106
1,2,4-Trichlorobenzene	ND	37	35		1	94	34-145	08/30/2016 0106
1,1,1-Trichloroethane	ND	37	59	N	1	158	63-128	08/30/2016 0106
1,1,2-Trichloroethane	ND	37	43		1	114	55-128	08/30/2016 0106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MS

Sample ID: RH26003-023MS
Batch: 20911
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Sample Amount (ug/kg)	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	ND	37	54	N	1	144	62-126	08/30/2016 0106
Trichlorofluoromethane	ND	37	56	N	1	150	45-138	08/30/2016 0106
Vinyl chloride	ND	37	54	N	1	146	42-132	08/30/2016 0106
Xylenes (total)	ND	75	94		1	126	58-128	08/30/2016 0106

Surrogate	Q	% Rec	Acceptance Limit
1,2-Dichloroethane-d4		95	53-142
Bromofluorobenzene		89	47-138
Toluene-d8		99	68-124

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: RQ20964-001
Batch: 20964
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Acetone	ND		1	20	ug/kg	08/30/2016 1029
Benzene	ND		1	5.0	ug/kg	08/30/2016 1029
Bromodichloromethane	ND		1	5.0	ug/kg	08/30/2016 1029
Bromoform	ND		1	5.0	ug/kg	08/30/2016 1029
Bromomethane (Methyl bromide)	ND		1	5.0	ug/kg	08/30/2016 1029
2-Butanone (MEK)	ND		1	20	ug/kg	08/30/2016 1029
Carbon disulfide	ND		1	5.0	ug/kg	08/30/2016 1029
Carbon tetrachloride	ND		1	5.0	ug/kg	08/30/2016 1029
Chlorobenzene	ND		1	5.0	ug/kg	08/30/2016 1029
Chloroethane	ND		1	5.0	ug/kg	08/30/2016 1029
Chloroform	ND		1	5.0	ug/kg	08/30/2016 1029
Chloromethane (Methyl chloride)	ND		1	5.0	ug/kg	08/30/2016 1029
Cyclohexane	ND		1	5.0	ug/kg	08/30/2016 1029
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	5.0	ug/kg	08/30/2016 1029
Dibromochloromethane	ND		1	5.0	ug/kg	08/30/2016 1029
1,2-Dibromoethane (EDB)	ND		1	5.0	ug/kg	08/30/2016 1029
1,4-Dichlorobenzene	ND		1	5.0	ug/kg	08/30/2016 1029
1,3-Dichlorobenzene	ND		1	5.0	ug/kg	08/30/2016 1029
1,2-Dichlorobenzene	ND		1	5.0	ug/kg	08/30/2016 1029
Dichlorodifluoromethane	ND		1	5.0	ug/kg	08/30/2016 1029
1,2-Dichloroethane	ND		1	5.0	ug/kg	08/30/2016 1029
1,1-Dichloroethane	ND		1	5.0	ug/kg	08/30/2016 1029
trans-1,2-Dichloroethene	ND		1	5.0	ug/kg	08/30/2016 1029
cis-1,2-Dichloroethene	ND		1	5.0	ug/kg	08/30/2016 1029
1,1-Dichloroethene	ND		1	5.0	ug/kg	08/30/2016 1029
1,2-Dichloropropane	ND		1	5.0	ug/kg	08/30/2016 1029
trans-1,3-Dichloropropene	ND		1	5.0	ug/kg	08/30/2016 1029
cis-1,3-Dichloropropene	ND		1	5.0	ug/kg	08/30/2016 1029
Ethylbenzene	ND		1	5.0	ug/kg	08/30/2016 1029
2-Hexanone	ND		1	10	ug/kg	08/30/2016 1029
Isopropylbenzene	ND		1	5.0	ug/kg	08/30/2016 1029
Methyl acetate	ND		1	5.0	ug/kg	08/30/2016 1029
Methyl tertiary butyl ether (MTBE)	ND		1	5.0	ug/kg	08/30/2016 1029
4-Methyl-2-pentanone	ND		1	10	ug/kg	08/30/2016 1029
Methylcyclohexane	ND		1	5.0	ug/kg	08/30/2016 1029
Methylene chloride	ND		1	5.0	ug/kg	08/30/2016 1029
Styrene	ND		1	5.0	ug/kg	08/30/2016 1029
1,1,2,2-Tetrachloroethane	ND		1	5.0	ug/kg	08/30/2016 1029
Tetrachloroethene	ND		1	5.0	ug/kg	08/30/2016 1029
Toluene	ND		1	5.0	ug/kg	08/30/2016 1029
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	5.0	ug/kg	08/30/2016 1029
1,2,4-Trichlorobenzene	ND		1	5.0	ug/kg	08/30/2016 1029
1,1,2-Trichloroethane	ND		1	5.0	ug/kg	08/30/2016 1029
1,1,1-Trichloroethane	ND		1	5.0	ug/kg	08/30/2016 1029

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: RQ20964-001
Batch: 20964
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Trichloroethene	ND		1	5.0	ug/kg	08/30/2016 1029
Trichlorofluoromethane	ND		1	5.0	ug/kg	08/30/2016 1029
Vinyl chloride	ND		1	5.0	ug/kg	08/30/2016 1029
Xylenes (total)	ND		1	10	ug/kg	08/30/2016 1029

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		92	47-138
1,2-Dichloroethane-d4		99	53-142
Toluene-d8		101	68-124

QL = Practical quantitation limit
ID = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: RQ20964-002 **Matrix:** Solid
Batch: 20964 **Prep Method:** 5035
Analytical Method: 8260B

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	110		1	111	60-140	08/30/2016 0931
Benzene	50	47		1	95	69-123	08/30/2016 0931
Bromodichloromethane	50	55		1	110	69-121	08/30/2016 0931
Bromoform	50	51		1	101	61-119	08/30/2016 0931
Bromomethane (Methyl bromide)	50	54		1	108	10-168	08/30/2016 0931
2-Butanone (MEK)	100	110		1	109	57-148	08/30/2016 0931
Carbon disulfide	50	47		1	94	58-122	08/30/2016 0931
Carbon tetrachloride	50	54		1	107	58-136	08/30/2016 0931
Chlorobenzene	50	54		1	108	59-129	08/30/2016 0931
Chloroethane	50	55		1	109	60-140	08/30/2016 0931
Chloroform	50	54		1	109	71-125	08/30/2016 0931
Chloromethane (Methyl chloride)	50	56		1	112	34-134	08/30/2016 0931
Cyclohexane	50	56		1	112	53-139	08/30/2016 0931
1,2-Dibromo-3-chloropropane (DBCP)	50	49		1	98	55-125	08/30/2016 0931
Dibromochloromethane	50	55		1	109	66-119	08/30/2016 0931
1,2-Dibromoethane (EDB)	50	52		1	104	74-124	08/30/2016 0931
1,4-Dichlorobenzene	50	53		1	107	52-133	08/30/2016 0931
1,3-Dichlorobenzene	50	54		1	108	51-134	08/30/2016 0931
1,2-Dichlorobenzene	50	53		1	106	57-131	08/30/2016 0931
Dichlorodifluoromethane	50	61		1	123	10-157	08/30/2016 0931
1,2-Dichloroethane	50	55		1	110	67-129	08/30/2016 0931
1,1-Dichloroethane	50	53		1	106	71-127	08/30/2016 0931
trans-1,2-Dichloroethene	50	51		1	103	68-131	08/30/2016 0931
cis-1,2-Dichloroethene	50	51		1	103	70-122	08/30/2016 0931
1,1-Dichloroethene	50	51		1	102	69-138	08/30/2016 0931
1,2-Dichloropropane	50	52		1	104	72-124	08/30/2016 0931
trans-1,3-Dichloropropene	50	55		1	109	70-124	08/30/2016 0931
cis-1,3-Dichloropropene	50	54		1	108	70-126	08/30/2016 0931
Ethylbenzene	50	54		1	108	59-128	08/30/2016 0931
2-Hexanone	100	100		1	104	54-137	08/30/2016 0931
Isopropylbenzene	50	56		1	111	50-136	08/30/2016 0931
Methyl acetate	50	46		1	92	59-137	08/30/2016 0931
Methyl tertiary butyl ether (MTBE)	50	46		1	91	70-130	08/30/2016 0931
4-Methyl-2-pentanone	100	110		1	109	60-134	08/30/2016 0931
Methylcyclohexane	50	55		1	109	41-144	08/30/2016 0931
Methylene chloride	50	48		1	96	70-130	08/30/2016 0931
Styrene	50	55		1	110	54-136	08/30/2016 0931
1,1,2,2-Tetrachloroethane	50	51		1	101	69-132	08/30/2016 0931
Tetrachloroethene	50	52		1	104	45-150	08/30/2016 0931
Toluene	50	52		1	104	61-129	08/30/2016 0931
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	56		1	111	49-136	08/30/2016 0931
1,2,4-Trichlorobenzene	50	52		1	103	34-145	08/30/2016 0931
1,1,2-Trichloroethane	50	54		1	108	55-128	08/30/2016 0931
1,1,1-Trichloroethane	50	54		1	108	63-128	08/30/2016 0931

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: RQ20964-002
Batch: 20964
Analytical Method: 8260B

Matrix: Solid
Prep Method: 5035

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	51		1	103	62-126	08/30/2016 0931
Trichlorofluoromethane	50	58		1	117	45-138	08/30/2016 0931
Vinyl chloride	50	55		1	110	42-132	08/30/2016 0931
Xylenes (total)	100	110		1	108	58-128	08/30/2016 0931

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		91	47-138
1,2-Dichloroethane-d4		96	53-142
Toluene-d8		100	68-124

QL = Practical quantitation limit
D = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MB

Sample ID: RQ20899-001
Batch: 20899
Analytical Method: 8270D

Matrix: Solid
Prep Method: 3550C
Prep Date: 08/29/2016 2356

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
1,1'-Biphenyl	ND		1	330	ug/kg	08/30/2016 0944
2,4,5-Trichlorophenol	ND		1	330	ug/kg	08/30/2016 0944
2,4,6-Trichlorophenol	ND		1	330	ug/kg	08/30/2016 0944
2,4-Dichlorophenol	ND		1	330	ug/kg	08/30/2016 0944
2,4-Dimethylphenol	ND		1	330	ug/kg	08/30/2016 0944
2,4-Dinitrophenol	ND		1	830	ug/kg	08/30/2016 0944
2,4-Dinitrotoluene	ND		1	330	ug/kg	08/30/2016 0944
2,6-Dinitrotoluene	ND		1	330	ug/kg	08/30/2016 0944
2-Chloronaphthalene	ND		1	330	ug/kg	08/30/2016 0944
2-Chlorophenol	ND		1	330	ug/kg	08/30/2016 0944
2-Methylnaphthalene	ND		1	330	ug/kg	08/30/2016 0944
2-Methylphenol	ND		1	330	ug/kg	08/30/2016 0944
2-Nitroaniline	ND		1	330	ug/kg	08/30/2016 0944
2-Nitrophenol	ND		1	330	ug/kg	08/30/2016 0944
3+4-Methylphenol	ND		1	670	ug/kg	08/30/2016 0944
3,3'-Dichlorobenzidine	ND		1	830	ug/kg	08/30/2016 0944
3-Nitroaniline	ND		1	330	ug/kg	08/30/2016 0944
4,6-Dinitro-2-methylphenol	ND		1	830	ug/kg	08/30/2016 0944
4-Bromophenyl phenyl ether	ND		1	330	ug/kg	08/30/2016 0944
4-Chloro-3-methyl phenol	ND		1	330	ug/kg	08/30/2016 0944
4-Chloroaniline	ND		1	330	ug/kg	08/30/2016 0944
4-Chlorophenyl phenyl ether	ND		1	330	ug/kg	08/30/2016 0944
4-Nitroaniline	ND		1	330	ug/kg	08/30/2016 0944
4-Nitrophenol	ND		1	830	ug/kg	08/30/2016 0944
Acenaphthene	ND		1	330	ug/kg	08/30/2016 0944
Acenaphthylene	ND		1	330	ug/kg	08/30/2016 0944
Acetophenone	ND		1	330	ug/kg	08/30/2016 0944
Anthracene	ND		1	330	ug/kg	08/30/2016 0944
Atrazine	ND		1	330	ug/kg	08/30/2016 0944
Benzaldehyde	ND		1	830	ug/kg	08/30/2016 0944
Benzo(a)anthracene	ND		1	330	ug/kg	08/30/2016 0944
Benzo(a)pyrene	ND		1	330	ug/kg	08/30/2016 0944
Benzo(b)fluoranthene	ND		1	330	ug/kg	08/30/2016 0944
Benzo(g,h,i)perylene	ND		1	330	ug/kg	08/30/2016 0944
Benzo(k)fluoranthene	ND		1	330	ug/kg	08/30/2016 0944
bis (2-Chloro-1-methylethyl) ether	ND		1	330	ug/kg	08/30/2016 0944
bis(2-Chloroethoxy)methane	ND		1	330	ug/kg	08/30/2016 0944
bis(2-Chloroethyl)ether	ND		1	330	ug/kg	08/30/2016 0944
bis(2-Ethylhexyl)phthalate	ND		1	330	ug/kg	08/30/2016 0944
Butyl benzyl phthalate	ND		1	330	ug/kg	08/30/2016 0944
Caprolactam	ND		1	830	ug/kg	08/30/2016 0944
Carbazole	ND		1	330	ug/kg	08/30/2016 0944
Chrysene	ND		1	330	ug/kg	08/30/2016 0944
Di-n-butyl phthalate	ND		1	330	ug/kg	08/30/2016 0944

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MB

Sample ID: RQ20899-001
Batch: 20899
Analytical Method: 8270D

Matrix: Solid
Prep Method: 3550C
Prep Date: 08/29/2016 2356

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Di-n-octylphthalate	ND		1	330	ug/kg	08/30/2016 0944
Dibenzo(a,h)anthracene	ND		1	330	ug/kg	08/30/2016 0944
Dibenzofuran	ND		1	330	ug/kg	08/30/2016 0944
Diethylphthalate	ND		1	330	ug/kg	08/30/2016 0944
Dimethyl phthalate	ND		1	330	ug/kg	08/30/2016 0944
Fluoranthene	ND		1	330	ug/kg	08/30/2016 0944
Fluorene	ND		1	330	ug/kg	08/30/2016 0944
Hexachlorobenzene	ND		1	330	ug/kg	08/30/2016 0944
Hexachlorobutadiene	ND		1	330	ug/kg	08/30/2016 0944
Hexachlorocyclopentadiene	ND		1	830	ug/kg	08/30/2016 0944
Hexachloroethane	ND		1	330	ug/kg	08/30/2016 0944
Indeno(1,2,3-c,d)pyrene	ND		1	330	ug/kg	08/30/2016 0944
Isophorone	ND		1	330	ug/kg	08/30/2016 0944
N-Nitrosodi-n-propylamine	ND		1	330	ug/kg	08/30/2016 0944
N-Nitrosodiphenylamine (Diphenylamine)	ND		1	330	ug/kg	08/30/2016 0944
Naphthalene	ND		1	330	ug/kg	08/30/2016 0944
Nitrobenzene	ND		1	330	ug/kg	08/30/2016 0944
Pentachlorophenol	ND		1	830	ug/kg	08/30/2016 0944
Phenanthrene	ND		1	330	ug/kg	08/30/2016 0944
Phenol	ND		1	330	ug/kg	08/30/2016 0944
Pyrene	ND		1	330	ug/kg	08/30/2016 0944

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		61	30-117
2-Fluorobiphenyl		72	33-102
2-Fluorophenol		71	28-104
Nitrobenzene-d5		78	22-109
Phenol-d5		78	27-103
Terphenyl-d14		84	41-120

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - LCS

Sample ID: RQ20899-002 **Matrix:** Solid
Batch: 20899 **Prep Method:** 3550C
Analytical Method: 8270D **Prep Date:** 08/29/2016 2356

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
1,1'-Biphenyl	1700	1100		1	66	49-110	08/30/2016 1008
2,4,5-Trichlorophenol	1700	1100		1	67	46-122	08/30/2016 1008
2,4,6-Trichlorophenol	1700	1100		1	65	38-115	08/30/2016 1008
2,4-Dichlorophenol	3300	2100		1	62	41-113	08/30/2016 1008
2,4-Dimethylphenol	1700	1300		1	75	33-123	08/30/2016 1008
2,4-Dinitrophenol	1700	970		1	58	45-127	08/30/2016 1008
2,4-Dinitrotoluene	1700	1400		1	81	48-124	08/30/2016 1008
2,6-Dinitrotoluene	1700	1200		1	73	47-125	08/30/2016 1008
2-Chloronaphthalene	1700	1100		1	64	31-127	08/30/2016 1008
2-Chlorophenol	1700	1100		1	64	37-106	08/30/2016 1008
2-Methylnaphthalene	1700	1000		1	62	40-106	08/30/2016 1008
2-Methylphenol	1700	1300		1	76	32-107	08/30/2016 1008
2-Nitroaniline	1700	1300		1	77	45-123	08/30/2016 1008
2-Nitrophenol	1700	1000		1	63	35-108	08/30/2016 1008
3+4-Methylphenol	1700	1100		1	69	39-108	08/30/2016 1008
3,3'-Dichlorobenzidine	1700	1200		1	75	46-113	08/30/2016 1008
3-Nitroaniline	1700	1200		1	73	24-127	08/30/2016 1008
4,6-Dinitro-2-methylphenol	1700	1300		1	80	40-130	08/30/2016 1008
4-Bromophenyl phenyl ether	1700	1100		1	69	46-118	08/30/2016 1008
4-Chloro-3-methyl phenol	1700	1300		1	78	49-118	08/30/2016 1008
4-Chloroaniline	1700	1600		1	96	10-125	08/30/2016 1008
4-Chlorophenyl phenyl ether	1700	1100		1	65	47-116	08/30/2016 1008
4-Nitroaniline	1700	1400		1	85	48-127	08/30/2016 1008
4-Nitrophenol	3300	3300		1	100	18-154	08/30/2016 1008
Acenaphthene	1700	1200		1	72	46-114	08/30/2016 1008
Acenaphthylene	1700	1200		1	74	44-122	08/30/2016 1008
Acetophenone	1700	1000		1	60	48-111	08/30/2016 1008
Anthracene	1700	1300		1	81	50-119	08/30/2016 1008
Atrazine	1700	1300		1	76	48-116	08/30/2016 1008
Benzaldehyde	1700	1200		1	71	40-117	08/30/2016 1008
Benzo(a)anthracene	1700	1300		1	80	47-121	08/30/2016 1008
Benzo(a)pyrene	1700	1400		1	85	55-134	08/30/2016 1008
Benzo(b)fluoranthene	1700	1400		1	81	28-139	08/30/2016 1008
Benzo(g,h,i)perylene	1700	1300		1	78	36-125	08/30/2016 1008
Benzo(k)fluoranthene	1700	1400		1	82	47-130	08/30/2016 1008
bis (2-Chloro-1-methylethyl) ether	1700	1300		1	75	31-102	08/30/2016 1008
bis(2-Chloroethoxy)methane	1700	1100		1	68	39-108	08/30/2016 1008
bis(2-Chloroethyl)ether	1700	1300		1	76	32-105	08/30/2016 1008
bis(2-Ethylhexyl)phthalate	1700	1400		1	87	45-128	08/30/2016 1008
Butyl benzyl phthalate	1700	1600		1	95	46-128	08/30/2016 1008
Caprolactam	1700	1600		1	95	43-121	08/30/2016 1008
Carbazole	1700	1300		1	80	47-128	08/30/2016 1008
Chrysene	1700	1300		1	80	45-126	08/30/2016 1008
Di-n-butyl phthalate	1700	1500		1	89	51-129	08/30/2016 1008

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - LCS

Sample ID: RQ20899-002
Batch: 20899
Analytical Method: 8270D

Matrix: Solid
Prep Method: 3550C
Prep Date: 08/29/2016 2356

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Di-n-octylphthalate	1700	1300		1	81	49-142	08/30/2016 1008
Dibenzo(a,h)anthracene	1700	1400		1	83	45-122	08/30/2016 1008
Dibenzofuran	1700	1100		1	68	45-112	08/30/2016 1008
Diethylphthalate	1700	1400		1	81	49-123	08/30/2016 1008
Dimethyl phthalate	1700	1200		1	75	48-120	08/30/2016 1008
Fluoranthene	1700	1300		1	77	50-123	08/30/2016 1008
Fluorene	1700	1200		1	69	48-117	08/30/2016 1008
Hexachlorobenzene	1700	1300		1	76	44-122	08/30/2016 1008
Hexachlorobutadiene	1700	970		1	58	33-103	08/30/2016 1008
Hexachlorocyclopentadiene	8300	3900		1	46	18-121	08/30/2016 1008
Hexachloroethane	1700	1100		1	64	30-96	08/30/2016 1008
Indeno(1,2,3-c,d)pyrene	1700	1400		1	85	45-123	08/30/2016 1008
Isophorone	1700	1200		1	70	41-113	08/30/2016 1008
N-Nitrosodi-n-propylamine	1700	1300		1	80	32-115	08/30/2016 1008
N-Nitrosodiphenylamine (Diphenylamine)	1700	1300		1	80	53-150	08/30/2016 1008
Naphthalene	1700	1100		1	65	36-110	08/30/2016 1008
Nitrobenzene	1700	1300		1	75	33-114	08/30/2016 1008
Pentachlorophenol	3300	2100		1	62	27-138	08/30/2016 1008
Phenanthrene	1700	1300		1	77	49-117	08/30/2016 1008
Phenol	1700	1100		1	65	36-108	08/30/2016 1008
Pyrene	1700	1400		1	87	47-119	08/30/2016 1008

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		69	30-117
2-Fluorobiphenyl		63	33-102
2-Fluorophenol		59	28-104
Nitrobenzene-d5		72	22-109
Phenol-d5		65	27-103
Terphenyl-d14		80	41-120

QL = Practical quantitation limit
ID = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MS

Sample ID: RH26003-018MS
Batch: 20899
Analytical Method: 8270D

Matrix: Solid
Prep Method: 3550C
Prep Date: 08/29/2016 2356

Parameter	Sample Amount (ug/kg)	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acenaphthene	ND	1800	1200		1	69	30-130	09/02/2016 1720
Acenaphthylene	ND	1800	1300		1	73	30-130	09/02/2016 1720
Acetophenone	ND	1800	1000		1	59	30-130	09/02/2016 1720
Anthracene	ND	1800	1400		1	77	30-130	09/02/2016 1720
Atrazine	ND	1800	1200		1	70	30-130	09/02/2016 1720
Benzaldehyde	ND	1800	980		1	55	40-117	09/02/2016 1720
Benzo(a)anthracene	ND	1800	1400		1	81	30-130	09/02/2016 1720
Benzo(a)pyrene	ND	1800	1500		1	83	30-130	09/02/2016 1720
Benzo(b)fluoranthene	ND	1800	2000		1	110	30-130	09/02/2016 1720
Benzo(g,h,i)perylene	ND	1800	800		1	45	30-130	09/02/2016 1720
Benzo(k)fluoranthene	ND	1800	2000		1	112	30-130	09/02/2016 1720
1,1'-Biphenyl	ND	1800	1200		1	68	30-130	09/02/2016 1720
4-Bromophenyl phenyl ether	ND	1800	1300		1	73	30-130	09/02/2016 1720
Butyl benzyl phthalate	ND	1800	2000		1	112	30-130	09/02/2016 1720
Caprolactam	ND	1800	960		1	54	30-130	09/02/2016 1720
Carbazole	ND	1800	1500		1	82	30-130	09/02/2016 1720
4-Chloro-3-methyl phenol	ND	1800	1300		1	72	30-130	09/02/2016 1720
4-Chloroaniline	ND	1800	480		1	27	10-130	09/02/2016 1720
bis(2-Chloroethoxy)methane	ND	1800	1000		1	59	30-130	09/02/2016 1720
bis(2-Chloroethyl)ether	ND	1800	930		1	52	30-130	09/02/2016 1720
bis (2-Chloro-1-methylethyl) ether	ND	1800	980		1	56	30-130	09/02/2016 1720
2-Chloronaphthalene	ND	1800	1200		1	66	30-130	09/02/2016 1720
2-Chlorophenol	ND	1800	1100		1	64	30-130	09/02/2016 1720
4-Chlorophenyl phenyl ether	ND	1800	1100		1	65	30-130	09/02/2016 1720
Chrysene	ND	1800	1400		1	77	30-130	09/02/2016 1720
Di-n-butyl phthalate	ND	1800	1500		1	84	30-130	09/02/2016 1720
Di-n-octylphthalate	ND	1800	2500	N	1	142	30-130	09/02/2016 1720
Dibenzo(a,h)anthracene	ND	1800	1100		1	62	30-130	09/02/2016 1720
Dibenzofuran	ND	1800	1300		1	74	30-130	09/02/2016 1720
3,3'-Dichlorobenzidine	ND	1800	380	N	1	21	30-130	09/02/2016 1720
2,4-Dichlorophenol	ND	3500	2400		1	68	30-130	09/02/2016 1720
Diethylphthalate	ND	1800	1300		1	76	30-130	09/02/2016 1720
Dimethyl phthalate	ND	1800	1300		1	74	30-130	09/02/2016 1720
2,4-Dimethylphenol	ND	1800	1100		1	63	30-130	09/02/2016 1720
4,6-Dinitro-2-methylphenol	ND	1800	490	N	1	27	30-130	09/02/2016 1720
2,4-Dinitrophenol	ND	1800	720		1	41	30-130	09/02/2016 1720
2,4-Dinitrotoluene	ND	1800	1200		1	69	30-130	09/02/2016 1720
2,6-Dinitrotoluene	ND	1800	1200		1	68	30-130	09/02/2016 1720
bis(2-Ethylhexyl)phthalate	ND	1800	1500		1	82	30-130	09/02/2016 1720
Fluoranthene	ND	1800	1800		1	99	30-130	09/02/2016 1720
Fluorene	ND	1800	1300		1	73	30-130	09/02/2016 1720
Hexachlorobenzene	ND	1800	1400		1	78	30-130	09/02/2016 1720
Hexachlorobutadiene	ND	1800	1000		1	56	30-130	09/02/2016 1720
Hexachlorocyclopentadiene	ND	8900	890	N	1	10	30-130	09/02/2016 1720

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MS

Sample ID: RH26003-018MS
Batch: 20899
Analytical Method: 8270D

Matrix: Solid
Prep Method: 3550C
Prep Date: 08/29/2016 2356

Parameter	Sample Amount (ug/kg)	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Hexachloroethane	ND	1800	530		1	30	30-130	09/02/2016 1720
Indeno(1,2,3-c,d)pyrene	ND	1800	920		1	52	30-130	09/02/2016 1720
Isophorone	ND	1800	1100		1	61	30-130	09/02/2016 1720
2-Methylnaphthalene	ND	1800	1200		1	67	30-130	09/02/2016 1720
2-Methylphenol	ND	1800	1200		1	66	30-130	09/02/2016 1720
3+4-Methylphenol	ND	1800	1100		1	60	30-130	09/02/2016 1720
N-Nitrosodi-n-propylamine	ND	1800	1100		1	63	30-130	09/02/2016 1720
N-Nitrosodiphenylamine (Diphenylamine)	ND	1800	1400		1	81	30-130	09/02/2016 1720
Naphthalene	ND	1800	1200		1	65	30-130	09/02/2016 1720
2-Nitroaniline	ND	1800	1200		1	70	30-130	09/02/2016 1720
3-Nitroaniline	ND	1800	610		1	34	30-130	09/02/2016 1720
4-Nitroaniline	ND	1800	1100		1	63	30-130	09/02/2016 1720
Nitrobenzene	ND	1800	1000		1	59	30-130	09/02/2016 1720
2-Nitrophenol	ND	1800	1100		1	62	30-130	09/02/2016 1720
4-Nitrophenol	ND	3500	2700		1	75	30-130	09/02/2016 1720
Pentachlorophenol	ND	3500	2700		1	75	30-130	09/02/2016 1720
Phenanthrene	ND	1800	1400		1	76	30-130	09/02/2016 1720
Phenol	ND	1800	1100		1	64	30-130	09/02/2016 1720
Pyrene	ND	1800	1600		1	89	30-130	09/02/2016 1720
2,4,5-Trichlorophenol	ND	1800	1300		1	76	30-130	09/02/2016 1720
2,4,6-Trichlorophenol	ND	1800	1300		1	76	30-130	09/02/2016 1720

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		79	30-117
2-Fluorobiphenyl		66	33-102
2-Fluorophenol		59	28-104
Nitrobenzene-d5		63	22-109
Phenol-d5		66	27-103
Terphenyl-d14		88	41-120

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MSD

Sample ID: RH26003-018MD
Batch: 20899
Analytical Method: 8270D

Matrix: Solid
Prep Method: 3550C
Prep Date: 08/29/2016 2356

Parameter	Sample Amount (ug/kg)	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Acenaphthene	ND	1800	1200		1	70	1.1	30-130	40	09/02/2016 1745
Acenaphthylene	ND	1800	1300		1	72	0.80	30-130	40	09/02/2016 1745
Acetophenone	ND	1800	1100		1	63	7.2	30-130	40	09/02/2016 1745
Anthracene	ND	1800	1300		1	74	4.0	30-130	40	09/02/2016 1745
Atrazine	ND	1800	1100		1	64	8.5	30-130	40	09/02/2016 1745
Benzaldehyde	ND	1800	1100		1	61	9.5	40-117	40	09/02/2016 1745
Benzo(a)anthracene	ND	1800	1400		1	79	2.6	30-130	40	09/02/2016 1745
Benzo(a)pyrene	ND	1800	1500		1	83	0.30	30-130	40	09/02/2016 1745
Benzo(b)fluoranthene	ND	1800	2000		1	111	0.59	30-130	40	09/02/2016 1745
Benzo(g,h,i)perylene	ND	1800	660		1	37	20	30-130	40	09/02/2016 1745
Benzo(k)fluoranthene	ND	1800	1900		1	105	5.7	30-130	40	09/02/2016 1745
1,1'-Biphenyl	ND	1800	1200		1	69	1.2	30-130	40	09/02/2016 1745
4-Bromophenyl phenyl ether	ND	1800	1200		1	68	7.7	30-130	40	09/02/2016 1745
Butyl benzyl phthalate	ND	1800	2100		1	116	3.7	30-130	40	09/02/2016 1745
Caprolactam	ND	1800	1400		1	79	37	30-130	40	09/02/2016 1745
Carbazole	ND	1800	1400		1	78	5.1	30-130	40	09/02/2016 1745
4-Chloro-3-methyl phenol	ND	1800	1200		1	69	4.6	30-130	40	09/02/2016 1745
4-Chloroaniline	ND	1800	470		1	27	2.2	10-130	40	09/02/2016 1745
bis(2-Chloroethoxy)methane	ND	1800	1100		1	61	3.7	30-130	40	09/02/2016 1745
bis(2-Chloroethyl)ether	ND	1800	1000		1	56	7.7	30-130	40	09/02/2016 1745
bis (2-Chloro-1-methylethyl) ether	ND	1800	1100		1	61	8.5	30-130	40	09/02/2016 1745
2-Chloronaphthalene	ND	1800	1200		1	67	1.6	30-130	40	09/02/2016 1745
2-Chlorophenol	ND	1800	1200		1	69	6.2	30-130	40	09/02/2016 1745
4-Chlorophenyl phenyl ether	ND	1800	1000		1	59	9.3	30-130	40	09/02/2016 1745
Chrysene	ND	1800	1400		1	76	1.3	30-130	40	09/02/2016 1745
Di-n-butyl phthalate	ND	1800	1400		1	80	4.4	30-130	40	09/02/2016 1745
Di-n-octylphthalate	ND	1800	2700	N	1	153	7.5	30-130	40	09/02/2016 1745
Dibenzo(a,h)anthracene	ND	1800	710	+	1	40	44	30-130	40	09/02/2016 1745
Dibenzofuran	ND	1800	1300		1	73	2.3	30-130	40	09/02/2016 1745
3,3'-Dichlorobenzidine	ND	1800	330	N	1	18	14	30-130	40	09/02/2016 1745
2,4-Dichlorophenol	ND	3500	2500		1	70	3.8	30-130	40	09/02/2016 1745
Diethylphthalate	ND	1800	1300		1	73	2.8	30-130	40	09/02/2016 1745
Dimethyl phthalate	ND	1800	1300		1	73	0.97	30-130	40	09/02/2016 1745
2,4-Dimethylphenol	ND	1800	1200		1	67	5.3	30-130	40	09/02/2016 1745
4,6-Dinitro-2-methylphenol	ND	1800	480	N	1	27	1.6	30-130	40	09/02/2016 1745
2,4-Dinitrophenol	ND	1800	730		1	41	1.1	30-130	40	09/02/2016 1745
2,4-Dinitrotoluene	ND	1800	1200		1	67	2.9	30-130	40	09/02/2016 1745
2,6-Dinitrotoluene	ND	1800	1200		1	68	0.071	30-130	40	09/02/2016 1745
bis(2-Ethylhexyl)phthalate	ND	1800	1400		1	81	1.4	30-130	40	09/02/2016 1745
Fluoranthene	ND	1800	1800		1	99	0.41	30-130	40	09/02/2016 1745
Fluorene	ND	1800	1200		1	69	6.7	30-130	40	09/02/2016 1745
Hexachlorobenzene	ND	1800	1200		1	70	11	30-130	40	09/02/2016 1745
Hexachlorobutadiene	ND	1800	1100		1	60	6.6	30-130	40	09/02/2016 1745
Hexachlorocyclopentadiene	ND	8900	870	N	1	9.8	2.6	30-130	40	09/02/2016 1745

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MSD

Sample ID: RH26003-018MD
Batch: 20899
Analytical Method: 8270D

Matrix: Solid
Prep Method: 3550C
Prep Date: 08/29/2016 2356

Parameter	Sample Amount (ug/kg)	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Hexachloroethane	ND	1800	580		1	33	9.9	30-130	40	09/02/2016 1745
Indeno(1,2,3-c,d)pyrene	ND	1800	740		1	42	22	30-130	40	09/02/2016 1745
Isophorone	ND	1800	1100		1	65	6.6	30-130	40	09/02/2016 1745
2-Methylnaphthalene	ND	1800	1200		1	69	3.7	30-130	40	09/02/2016 1745
2-Methylphenol	ND	1800	1200		1	68	2.9	30-130	40	09/02/2016 1745
3+4-Methylphenol	ND	1800	1200		1	65	7.8	30-130	40	09/02/2016 1745
N-Nitrosodi-n-propylamine	ND	1800	1200		1	69	9.4	30-130	40	09/02/2016 1745
N-Nitrosodiphenylamine (Diphenylamine)	ND	1800	1300		1	73	11	30-130	40	09/02/2016 1745
Naphthalene	ND	1800	1200		1	68	4.2	30-130	40	09/02/2016 1745
2-Nitroaniline	ND	1800	1200		1	69	1.0	30-130	40	09/02/2016 1745
3-Nitroaniline	ND	1800	610		1	34	0.050	30-130	40	09/02/2016 1745
4-Nitroaniline	ND	1800	970		1	55	14	30-130	40	09/02/2016 1745
Nitrobenzene	ND	1800	1100		1	60	2.8	30-130	40	09/02/2016 1745
2-Nitrophenol	ND	1800	1200		1	66	6.3	30-130	40	09/02/2016 1745
4-Nitrophenol	ND	3500	2600		1	73	3.8	30-130	40	09/02/2016 1745
Pentachlorophenol	ND	3500	2500		1	69	8.2	30-130	40	09/02/2016 1745
Phenanthrene	ND	1800	1400		1	77	0.16	30-130	40	09/02/2016 1745
Phenol	ND	1800	1200		1	67	4.2	30-130	40	09/02/2016 1745
Pyrene	ND	1800	1700		1	95	7.1	30-130	40	09/02/2016 1745
2,4,5-Trichlorophenol	ND	1800	1300		1	75	1.7	30-130	40	09/02/2016 1745
2,4,6-Trichlorophenol	ND	1800	1400		1	78	1.9	30-130	40	09/02/2016 1745

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		76	30-117
2-Fluorobiphenyl		68	33-102
2-Fluorophenol		64	28-104
Nitrobenzene-d5		65	22-109
Phenol-d5		68	27-103
Terphenyl-d14		93	41-120

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MB

Sample ID: RQ21109-001
Batch: 21109
Analytical Method: 8270D

Matrix: Solid
Prep Method: 3550C
Prep Date: 08/31/2016 2310

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
1,1'-Biphenyl	ND		1	330	ug/kg	09/02/2016 1227
2,4,5-Trichlorophenol	ND		1	330	ug/kg	09/02/2016 1227
2,4,6-Trichlorophenol	ND		1	330	ug/kg	09/02/2016 1227
2,4-Dichlorophenol	ND		1	330	ug/kg	09/02/2016 1227
2,4-Dimethylphenol	ND		1	330	ug/kg	09/02/2016 1227
2,4-Dinitrophenol	ND		1	830	ug/kg	09/02/2016 1227
2,4-Dinitrotoluene	ND		1	330	ug/kg	09/02/2016 1227
2,6-Dinitrotoluene	ND		1	330	ug/kg	09/02/2016 1227
2-Chloronaphthalene	ND		1	330	ug/kg	09/02/2016 1227
2-Chlorophenol	ND		1	330	ug/kg	09/02/2016 1227
2-Methylnaphthalene	ND		1	330	ug/kg	09/02/2016 1227
2-Methylphenol	ND		1	330	ug/kg	09/02/2016 1227
2-Nitroaniline	ND		1	330	ug/kg	09/02/2016 1227
2-Nitrophenol	ND		1	330	ug/kg	09/02/2016 1227
3+4-Methylphenol	ND		1	670	ug/kg	09/02/2016 1227
3,3'-Dichlorobenzidine	ND		1	830	ug/kg	09/02/2016 1227
3-Nitroaniline	ND		1	330	ug/kg	09/02/2016 1227
4,6-Dinitro-2-methylphenol	ND		1	830	ug/kg	09/02/2016 1227
4-Bromophenyl phenyl ether	ND		1	330	ug/kg	09/02/2016 1227
4-Chloro-3-methyl phenol	ND		1	330	ug/kg	09/02/2016 1227
4-Chloroaniline	ND		1	330	ug/kg	09/02/2016 1227
4-Chlorophenyl phenyl ether	ND		1	330	ug/kg	09/02/2016 1227
4-Nitroaniline	ND		1	330	ug/kg	09/02/2016 1227
4-Nitrophenol	ND		1	830	ug/kg	09/02/2016 1227
Acenaphthene	ND		1	330	ug/kg	09/02/2016 1227
Acenaphthylene	ND		1	330	ug/kg	09/02/2016 1227
Acetophenone	ND		1	330	ug/kg	09/02/2016 1227
Anthracene	ND		1	330	ug/kg	09/02/2016 1227
Atrazine	ND		1	330	ug/kg	09/02/2016 1227
Benzaldehyde	ND		1	830	ug/kg	09/02/2016 1227
Benzo(a)anthracene	ND		1	330	ug/kg	09/02/2016 1227
Benzo(a)pyrene	ND		1	330	ug/kg	09/02/2016 1227
Benzo(b)fluoranthene	ND		1	330	ug/kg	09/02/2016 1227
Benzo(g,h,i)perylene	ND		1	330	ug/kg	09/02/2016 1227
Benzo(k)fluoranthene	ND		1	330	ug/kg	09/02/2016 1227
bis (2-Chloro-1-methylethyl) ether	ND		1	330	ug/kg	09/02/2016 1227
bis(2-Chloroethoxy)methane	ND		1	330	ug/kg	09/02/2016 1227
bis(2-Chloroethyl)ether	ND		1	330	ug/kg	09/02/2016 1227
bis(2-Ethylhexyl)phthalate	ND		1	330	ug/kg	09/02/2016 1227
Butyl benzyl phthalate	ND		1	330	ug/kg	09/02/2016 1227
Caprolactam	ND		1	830	ug/kg	09/02/2016 1227
Carbazole	ND		1	330	ug/kg	09/02/2016 1227
Chrysene	ND		1	330	ug/kg	09/02/2016 1227
Di-n-butyl phthalate	ND		1	330	ug/kg	09/02/2016 1227

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - MB

Sample ID: RQ21109-001
Batch: 21109
Analytical Method: 8270D

Matrix: Solid
Prep Method: 3550C
Prep Date: 08/31/2016 2310

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Di-n-octylphthalate	ND		1	330	ug/kg	09/02/2016 1227
Dibenzo(a,h)anthracene	ND		1	330	ug/kg	09/02/2016 1227
Dibenzofuran	ND		1	330	ug/kg	09/02/2016 1227
Diethylphthalate	ND		1	330	ug/kg	09/02/2016 1227
Dimethyl phthalate	ND		1	330	ug/kg	09/02/2016 1227
Fluoranthene	ND		1	330	ug/kg	09/02/2016 1227
Fluorene	ND		1	330	ug/kg	09/02/2016 1227
Hexachlorobenzene	ND		1	330	ug/kg	09/02/2016 1227
Hexachlorobutadiene	ND		1	330	ug/kg	09/02/2016 1227
Hexachlorocyclopentadiene	ND		1	830	ug/kg	09/02/2016 1227
Hexachloroethane	ND		1	330	ug/kg	09/02/2016 1227
Indeno(1,2,3-c,d)pyrene	ND		1	330	ug/kg	09/02/2016 1227
Isophorone	ND		1	330	ug/kg	09/02/2016 1227
N-Nitrosodi-n-propylamine	ND		1	330	ug/kg	09/02/2016 1227
N-Nitrosodiphenylamine (Diphenylamine)	ND		1	330	ug/kg	09/02/2016 1227
Naphthalene	ND		1	330	ug/kg	09/02/2016 1227
Nitrobenzene	ND		1	330	ug/kg	09/02/2016 1227
Pentachlorophenol	ND		1	830	ug/kg	09/02/2016 1227
Phenanthrene	ND		1	330	ug/kg	09/02/2016 1227
Phenol	ND		1	330	ug/kg	09/02/2016 1227
Pyrene	ND		1	330	ug/kg	09/02/2016 1227

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		53	30-117
2-Fluorobiphenyl		64	33-102
2-Fluorophenol		65	28-104
Nitrobenzene-d5		64	22-109
Phenol-d5		68	27-103
Terphenyl-d14		73	41-120

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - LCS

Sample ID: RQ21109-002
Batch: 21109
Analytical Method: 8270D

Matrix: Solid
Prep Method: 3550C
Prep Date: 08/31/2016 2310

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
1,1'-Biphenyl	1700	1100		1	68	49-110	09/02/2016 1252
2,4,5-Trichlorophenol	1700	1200		1	71	46-122	09/02/2016 1252
2,4,6-Trichlorophenol	1700	1200		1	73	38-115	09/02/2016 1252
2,4-Dichlorophenol	3300	2400		1	72	41-113	09/02/2016 1252
2,4-Dimethylphenol	1700	1200		1	71	33-123	09/02/2016 1252
2,4-Dinitrophenol	1700	1000		1	62	45-127	09/02/2016 1252
2,4-Dinitrotoluene	1700	1300		1	77	48-124	09/02/2016 1252
2,6-Dinitrotoluene	1700	1200		1	73	47-125	09/02/2016 1252
2-Chloronaphthalene	1700	1100		1	67	31-127	09/02/2016 1252
2-Chlorophenol	1700	1200		1	70	37-106	09/02/2016 1252
2-Methylnaphthalene	1700	1100		1	68	40-106	09/02/2016 1252
2-Methylphenol	1700	1200		1	71	32-107	09/02/2016 1252
2-Nitroaniline	1700	1100		1	67	45-123	09/02/2016 1252
2-Nitrophenol	1700	1100		1	66	35-108	09/02/2016 1252
3+4-Methylphenol	1700	1200		1	70	39-108	09/02/2016 1252
3,3'-Dichlorobenzidine	1700	1100		1	68	46-113	09/02/2016 1252
3-Nitroaniline	1700	1100		1	66	24-127	09/02/2016 1252
4,6-Dinitro-2-methylphenol	1700	1200		1	72	40-130	09/02/2016 1252
4-Bromophenyl phenyl ether	1700	1200		1	72	46-118	09/02/2016 1252
4-Chloro-3-methyl phenol	1700	1200		1	71	49-118	09/02/2016 1252
4-Chloroaniline	1700	1100		1	64	10-125	09/02/2016 1252
4-Chlorophenyl phenyl ether	1700	1100		1	65	47-116	09/02/2016 1252
4-Nitroaniline	1700	1300		1	77	48-127	09/02/2016 1252
4-Nitrophenol	3300	2500		1	75	18-154	09/02/2016 1252
Acenaphthene	1700	1200		1	69	46-114	09/02/2016 1252
Acenaphthylene	1700	1200		1	72	44-122	09/02/2016 1252
Acetophenone	1700	1100		1	64	48-111	09/02/2016 1252
Anthracene	1700	1300		1	78	50-119	09/02/2016 1252
Atrazine	1700	1100		1	68	48-116	09/02/2016 1252
Benzaldehyde	1700	1000		1	62	40-117	09/02/2016 1252
Benzo(a)anthracene	1700	1300		1	81	47-121	09/02/2016 1252
Benzo(a)pyrene	1700	1300		1	79	55-134	09/02/2016 1252
Benzo(b)fluoranthene	1700	1500		1	89	28-139	09/02/2016 1252
Benzo(g,h,i)perylene	1700	1400		1	85	36-125	09/02/2016 1252
Benzo(k)fluoranthene	1700	1500		1	89	47-130	09/02/2016 1252
bis (2-Chloro-1-methylethyl) ether	1700	1000		1	62	31-102	09/02/2016 1252
bis(2-Chloroethoxy)methane	1700	1100		1	64	39-108	09/02/2016 1252
bis(2-Chloroethyl)ether	1700	1000		1	60	32-105	09/02/2016 1252
bis(2-Ethylhexyl)phthalate	1700	1300		1	77	45-128	09/02/2016 1252
Butyl benzyl phthalate	1700	1400		1	83	46-128	09/02/2016 1252
Caprolactam	1700	1300		1	76	43-121	09/02/2016 1252
Carbazole	1700	1400		1	82	47-128	09/02/2016 1252
Chrysene	1700	1300		1	79	45-126	09/02/2016 1252
Di-n-butyl phthalate	1700	1400		1	84	51-129	09/02/2016 1252

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Semivolatile Organic Compounds by GC/MS - LCS

Sample ID: RQ21109-002
Batch: 21109
Analytical Method: 8270D

Matrix: Solid
Prep Method: 3550C
Prep Date: 08/31/2016 2310

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Di-n-octylphthalate	1700	1300		1	79	49-142	09/02/2016 1252
Dibenzo(a,h)anthracene	1700	820		1	49	45-122	09/02/2016 1252
Dibenzofuran	1700	1200		1	72	45-112	09/02/2016 1252
Diethylphthalate	1700	1300		1	80	49-123	09/02/2016 1252
Dimethyl phthalate	1700	1300		1	77	48-120	09/02/2016 1252
Fluoranthene	1700	1300		1	79	50-123	09/02/2016 1252
Fluorene	1700	1200		1	73	48-117	09/02/2016 1252
Hexachlorobenzene	1700	1300		1	79	44-122	09/02/2016 1252
Hexachlorobutadiene	1700	1000		1	61	33-103	09/02/2016 1252
Hexachlorocyclopentadiene	8300	3000		1	36	18-121	09/02/2016 1252
Hexachloroethane	1700	950		1	57	30-96	09/02/2016 1252
Indeno(1,2,3-c,d)pyrene	1700	1300		1	79	45-123	09/02/2016 1252
Isophorone	1700	1100		1	65	41-113	09/02/2016 1252
N-Nitrosodi-n-propylamine	1700	1200		1	72	32-115	09/02/2016 1252
N-Nitrosodiphenylamine (Diphenylamine)	1700	1300		1	78	53-150	09/02/2016 1252
Naphthalene	1700	1200		1	70	36-110	09/02/2016 1252
Nitrobenzene	1700	1100		1	64	33-114	09/02/2016 1252
Pentachlorophenol	3300	2000		1	60	27-138	09/02/2016 1252
Phenanthrene	1700	1300		1	79	49-117	09/02/2016 1252
Phenol	1700	1200		1	73	36-108	09/02/2016 1252
Pyrene	1700	1300		1	80	47-119	09/02/2016 1252

Surrogate	Q	% Rec	Acceptance Limit
2,4,6-Tribromophenol		71	30-117
2-Fluorobiphenyl		63	33-102
2-Fluorophenol		63	28-104
Nitrobenzene-d5		64	22-109
Phenol-d5		69	27-103
Terphenyl-d14		73	41-120

QL = Practical quantitation limit
D = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
/here applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

ote: Calculations are performed before rounding to avoid round-off errors in calculated results

PCBs by GC - MB

Sample ID: RQ21021-001
Batch: 21021
Analytical Method: 8082A

Matrix: Solid
Prep Method: 3546
Prep Date: 08/30/2016 2147

Cleanup: 3660B/3665A

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Aroclor 1016	ND		1	10	ug/kg	08/31/2016 1646
Aroclor 1221	ND		1	10	ug/kg	08/31/2016 1646
Aroclor 1232	ND		1	10	ug/kg	08/31/2016 1646
Aroclor 1242	ND		1	10	ug/kg	08/31/2016 1646
Aroclor 1248	ND		1	10	ug/kg	08/31/2016 1646
Aroclor 1254	ND		1	10	ug/kg	08/31/2016 1646
Aroclor 1260	ND		1	10	ug/kg	08/31/2016 1646

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		58	41-132
Tetrachloro-m-xylene		56	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

PCBs by GC - LCS

Sample ID: RQ21021-002
Batch: 21021
Analytical Method: 8082A

Matrix: Solid
Prep Method: 3546
Prep Date: 08/30/2016 2147
Cleanup: 3660B/3665A

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Aroclor 1016	100	110		1	107	70-130	08/31/2016 1659
Aroclor 1260	100	110		1	108	70-130	08/31/2016 1659

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		92	41-132
Tetrachloro-m-xylene		90	35-106

QL = Practical quantitation limit
D = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
/here applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

lote: Calculations are performed before rounding to avoid round-off errors in calculated results

PCBs by GC - MS

Sample ID: RH26003-001MS
Batch: 21021
Analytical Method: 8082A

Matrix: Solid
Prep Method: 3546
Prep Date: 08/30/2016 2147

Cleanup: 3660B/3665A

Parameter	Sample Amount (ug/kg)	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Aroclor 1016	ND	120	23000	N	500	19200	70-130	09/01/2016 0044
Aroclor 1260	ND	120	4500	N	500	3800	70-130	09/01/2016 0044

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		112	41-132
Tetrachloro-m-xylene		92	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

PCBs by GC - MSD

Sample ID: RH26003-001MD
Batch: 21021
Analytical Method: 8082A

Matrix: Solid
Prep Method: 3546
Prep Date: 08/30/2016 2147
Cleanup: 3660B/3665A

Parameter	Sample Amount (ug/kg)	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Aroclor 1016	ND	120	20000	N	500	17300	13	70-130	20	09/01/2016 0057
Aroclor 1260	ND	120	4000	N	500	3410	13	70-130	20	09/01/2016 0057

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		102	41-132
Tetrachloro-m-xylene		87	35-106

QL = Practical quantitation limit
D = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

/here applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

lote: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - MB

Sample ID: RQ21110-001
Batch: 21110
Analytical Method: 8081B

Matrix: Solid
Prep Method: 3546
Prep Date: 08/31/2016 2206

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
4,4'-DDD	ND		1	1.0	ug/kg	09/02/2016 1036
4,4'-DDE	ND		1	1.0	ug/kg	09/02/2016 1036
4,4'-DDT	ND		1	1.0	ug/kg	09/02/2016 1036
Aldrin	ND		1	1.0	ug/kg	09/02/2016 1036
alpha-BHC	ND		1	1.0	ug/kg	09/02/2016 1036
beta-BHC	ND		1	1.0	ug/kg	09/02/2016 1036
Chlordane	ND		1	2.0	ug/kg	09/02/2016 1036
cis-Chlordane	ND		1	1.0	ug/kg	09/02/2016 1036
delta-BHC	ND		1	1.0	ug/kg	09/02/2016 1036
Dieldrin	ND		1	1.0	ug/kg	09/02/2016 1036
Endosulfan I	ND		1	1.0	ug/kg	09/02/2016 1036
Endosulfan II	ND		1	1.0	ug/kg	09/02/2016 1036
Endosulfan sulfate	ND		1	1.0	ug/kg	09/02/2016 1036
Endrin	ND		1	1.0	ug/kg	09/02/2016 1036
Endrin aldehyde	ND		1	1.0	ug/kg	09/02/2016 1036
Endrin ketone	ND		1	1.0	ug/kg	09/02/2016 1036
gamma-BHC (Lindane)	ND		1	1.0	ug/kg	09/02/2016 1036
Heptachlor	ND		1	1.0	ug/kg	09/02/2016 1036
Heptachlor epoxide	ND		1	1.0	ug/kg	09/02/2016 1036
Methoxychlor	ND		1	4.0	ug/kg	09/02/2016 1036
Toxaphene	ND		1	10	ug/kg	09/02/2016 1036
trans-Chlordane	ND		1	1.0	ug/kg	09/02/2016 1036

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		92	57-110
Tetrachloro-m-xylene		70	37-91

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - LCS

Sample ID: RQ21110-002
Batch: 21110
Analytical Method: 8081B

Matrix: Solid
Prep Method: 3546
Prep Date: 08/31/2016 2206

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
4,4'-DDD	20	18		1	89	70-130	09/02/2016 1051
4,4'-DDE	20	16		1	82	70-130	09/02/2016 1051
4,4'-DDT	20	18		1	88	70-130	09/02/2016 1051
Aldrin	20	16		1	82	70-130	09/02/2016 1051
alpha-BHC	20	15		1	77	70-130	09/02/2016 1051
beta-BHC	20	15		1	77	70-130	09/02/2016 1051
cis-Chlordane	20	17		1	83	70-130	09/02/2016 1051
delta-BHC	20	16		1	79	50-150	09/02/2016 1051
Dieldrin	20	17		1	86	70-130	09/02/2016 1051
Endosulfan I	20	15		1	76	70-130	09/02/2016 1051
Endosulfan II	20	17		1	84	70-130	09/02/2016 1051
Endosulfan sulfate	20	19		1	94	70-130	09/02/2016 1051
Endrin	20	17		1	84	70-130	09/02/2016 1051
Endrin aldehyde	20	20		1	100	70-130	09/02/2016 1051
Endrin ketone	20	18		1	92	70-130	09/02/2016 1051
gamma-BHC (Lindane)	20	16		1	81	70-130	09/02/2016 1051
Heptachlor	20	16		1	78	70-130	09/02/2016 1051
Heptachlor epoxide	20	16		1	80	70-130	09/02/2016 1051
Methoxychlor	20	19		1	93	70-130	09/02/2016 1051
trans-Chlordane	20	18		1	88	70-130	09/02/2016 1051

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		88	57-110
Tetrachloro-m-xylene		66	37-91

QL = Practical quantitation limit
ID = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - MS

Sample ID: RH26003-018MS
Batch: 21110
Analytical Method: 8081B

Matrix: Solid
Prep Method: 3546
Prep Date: 08/31/2016 2206

Parameter	Sample Amount (ug/kg)	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Aldrin	ND	21	ND	N	1000	0.00	70-130	09/02/2016 1128
gamma-BHC (Lindane)	ND	21	ND	N	1000	0.00	70-130	09/02/2016 1128
alpha-BHC	ND	21	ND	N	1000	0.00	70-130	09/02/2016 1128
beta-BHC	ND	21	ND	N	1000	0.00	70-130	09/02/2016 1128
delta-BHC	ND	21	120	N	1000	-616	50-150	09/02/2016 1128
cis-Chlordane	ND	21	ND	N	1000	0.00	70-130	09/02/2016 1128
trans-Chlordane	14000	21	4800	N	1000	-44200	70-130	09/02/2016 1128
4,4'-DDD	ND	21	ND	N	1000	-1800	70-130	09/02/2016 1128
4,4'-DDE	9300	21	3200	N	1000	-29400	70-130	09/02/2016 1128
4,4'-DDT	15000	21	5400	N	1000	-46600	70-130	09/02/2016 1128
Dieldrin	28000	21	9900	N	1000	-88100	70-130	09/02/2016 1128
Endosulfan I	2500	21	ND	N	1000	-12100	70-130	09/02/2016 1128
Endosulfan II	4400	21	230	N	1000	-20200	70-130	09/02/2016 1128
Endosulfan sulfate	ND	21	280	N	1000	539	70-130	09/02/2016 1128
Endrin	3100	21	1100	N	1000	-9730	70-130	09/02/2016 1128
Endrin aldehyde	2800	21	920	N	1000	-9270	70-130	09/02/2016 1128
Endrin ketone	ND	21	970	N	1000	4710	70-130	09/02/2016 1128
Heptachlor	ND	21	ND	N	1000	-1340	70-130	09/02/2016 1128
Heptachlor epoxide	1200	21	390	N	1000	-3830	70-130	09/02/2016 1128
Methoxychlor	ND	21	ND	N	1000	0.00	70-130	09/02/2016 1128

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl	N	0.00	57-110
Tetrachloro-m-xylene	N	0.00	37-91

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - MSD

Sample ID: RH26003-018MD
Batch: 21110
Analytical Method: 8081B

Matrix: Solid
Prep Method: 3546
Prep Date: 08/31/2016 2206

Parameter	Sample Amount (ug/kg)	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Aldrin	ND	21	ND	N	1000	0.00	0.00	70-130	20	09/02/2016 1143
gamma-BHC (Lindane)	ND	21	ND	N	1000	0.00	0.00	70-130	20	09/02/2016 1143
alpha-BHC	ND	21	ND	N	1000	0.00	0.00	70-130	20	09/02/2016 1143
beta-BHC	ND	21	ND	N	1000	0.00	0.00	70-130	20	09/02/2016 1143
delta-BHC	ND	21	180	N,+	1000	-337	37	50-150	20	09/02/2016 1143
cis-Chlordane	ND	21	ND	N	1000	0.00	0.00	70-130	20	09/02/2016 1143
trans-Chlordane	14000	21	6700	N,+	1000	-34100	34	70-130	20	09/02/2016 1143
4,4'-DDD	ND	21	ND	N	1000	-1760	0.00	70-130	20	09/02/2016 1143
4,4'-DDE	9300	21	4600	N,+	1000	-22300	36	70-130	20	09/02/2016 1143
4,4'-DDT	15000	21	7500	N,+	1000	-35800	32	70-130	20	09/02/2016 1143
Dieldrin	28000	21	14000	N,+	1000	-69200	31	70-130	20	09/02/2016 1143
Endosulfan I	2500	21	ND	N	1000	-11800	0.00	70-130	20	09/02/2016 1143
Endosulfan II	4400	21	400	N,+	1000	-19000	53	70-130	20	09/02/2016 1143
Endosulfan sulfate	ND	21	710	N,+	1000	2560	87	70-130	20	09/02/2016 1143
Endrin	3100	21	1600	N,+	1000	-7210	37	70-130	20	09/02/2016 1143
Endrin aldehyde	2800	21	1600	N,+	1000	-6070	52	70-130	20	09/02/2016 1143
Endrin ketone	ND	21	1300	N,+	1000	5950	25	70-130	20	09/02/2016 1143
Heptachlor	ND	21	140	N,+	1000	-633	200	70-130	20	09/02/2016 1143
Heptachlor epoxide	1200	21	610	N,+	1000	-2730	43	70-130	20	09/02/2016 1143
Methoxychlor	ND	21	ND	N	1000	0.00	0.00	70-130	20	09/02/2016 1143

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl	N	0.00	57-110
Tetrachloro-m-xylene	N	0.00	37-91

QL = Practical quantitation limit
D = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
/here applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

lote: Calculations are performed before rounding to avoid round-off errors in calculated results

PCBs by GC - MB

Sample ID: RQ21111-001
Batch: 21111
Analytical Method: 8082A

Matrix: Solid
Prep Method: 3546
Prep Date: 08/31/2016 2206

Cleanup: 3660B/3665A

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Aroclor 1016	ND		1	10	ug/kg	09/01/2016 1920
Aroclor 1221	ND		1	10	ug/kg	09/01/2016 1920
Aroclor 1232	ND		1	10	ug/kg	09/01/2016 1920
Aroclor 1242	ND		1	10	ug/kg	09/01/2016 1920
Aroclor 1248	ND		1	10	ug/kg	09/01/2016 1920
Aroclor 1254	ND		1	10	ug/kg	09/01/2016 1920
Aroclor 1260	ND		1	10	ug/kg	09/01/2016 1920

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		91	41-132
Tetrachloro-m-xylene		76	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

PCBs by GC - LCS

Sample ID: RQ21111-002
Batch: 21111
Analytical Method: 8082A

Matrix: Solid
Prep Method: 3546
Prep Date: 08/31/2016 2206

Cleanup: 3660B/3665A

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Aroclor 1016	100	88		1	88	70-130	09/01/2016 1934
Aroclor 1260	100	92		1	92	70-130	09/01/2016 1934

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		80	41-132
Tetrachloro-m-xylene		70	35-106

QL = Practical quantitation limit
D = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

/here applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

ote: Calculations are performed before rounding to avoid round-off errors in calculated results

PCBs by GC - MS

Sample ID: RH26003-021MS
Batch: 21111
Analytical Method: 8082A

Matrix: Solid
Prep Method: 3546
Prep Date: 08/31/2016 2206

Cleanup: 3660B/3665A

Parameter	Sample Amount (ug/kg)	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Aroclor 1016	ND	97	64	N	1	66	70-130	09/02/2016 1648
Aroclor 1260	ND	97	64	N	1	66	70-130	09/02/2016 1648

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		55	41-132
Tetrachloro-m-xylene		55	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

PCBs by GC - MSD

Sample ID: RH26003-021MD
Batch: 21111
Analytical Method: 8082A

Matrix: Solid
Prep Method: 3546
Prep Date: 08/31/2016 2206
Cleanup: 3660B/3665A

Parameter	Sample Amount (ug/kg)	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Aroclor 1016	ND	97	100	+	1	103	44	70-130	20	09/02/2016 1701
Aroclor 1260	ND	97	95	+	1	97	38	70-130	20	09/02/2016 1701

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		84	41-132
Tetrachloro-m-xylene		87	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

PCBs by GC - MB

Sample ID: RQ21164-001
Batch: 21164
Analytical Method: 8082A

Matrix: Solid
Prep Method: 3546
Prep Date: 09/01/2016 1342
Cleanup: 3660B/3665A

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Aroclor 1016	ND		1	10	ug/kg	09/02/2016 1024
Aroclor 1221	ND		1	10	ug/kg	09/02/2016 1024
Aroclor 1232	ND		1	10	ug/kg	09/02/2016 1024
Aroclor 1242	ND		1	10	ug/kg	09/02/2016 1024
Aroclor 1248	ND		1	10	ug/kg	09/02/2016 1024
Aroclor 1254	ND		1	10	ug/kg	09/02/2016 1024
Aroclor 1260	ND		1	10	ug/kg	09/02/2016 1024

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		93	41-132
Tetrachloro-m-xylene		86	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

PCBs by GC - LCS

Sample ID: RQ21164-002
Batch: 21164
Analytical Method: 8082A

Matrix: Solid
Prep Method: 3546
Prep Date: 09/01/2016 1342
Cleanup: 3660B/3665A

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Aroclor 1016	100	120		1	115	70-130	09/02/2016 1037
Aroclor 1260	100	110		1	112	70-130	09/02/2016 1037

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		97	41-132
Tetrachloro-m-xylene		92	35-106

QL = Practical quantitation limit
D = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria
/here applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

lote: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - MB

Sample ID: RQ21166-001
Batch: 21166
Analytical Method: 8081B

Matrix: Solid
Prep Method: 3546
Prep Date: 09/01/2016 1342

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
4,4'-DDD	ND		1	1.0	ug/kg	09/02/2016 1410
4,4'-DDE	ND		1	1.0	ug/kg	09/02/2016 1410
4,4'-DDT	ND		1	1.0	ug/kg	09/02/2016 1410
Aldrin	ND		1	1.0	ug/kg	09/02/2016 1410
alpha-BHC	ND		1	1.0	ug/kg	09/02/2016 1410
beta-BHC	ND		1	1.0	ug/kg	09/02/2016 1410
Chlordane	ND		1	2.0	ug/kg	09/02/2016 1410
cis-Chlordane	ND		1	1.0	ug/kg	09/02/2016 1410
delta-BHC	ND		1	1.0	ug/kg	09/02/2016 1410
Dieldrin	ND		1	1.0	ug/kg	09/02/2016 1410
Endosulfan I	ND		1	1.0	ug/kg	09/02/2016 1410
Endosulfan II	ND		1	1.0	ug/kg	09/02/2016 1410
Endosulfan sulfate	ND		1	1.0	ug/kg	09/02/2016 1410
Endrin	ND		1	1.0	ug/kg	09/02/2016 1410
Endrin aldehyde	ND		1	1.0	ug/kg	09/02/2016 1410
Endrin ketone	ND		1	1.0	ug/kg	09/02/2016 1410
gamma-BHC (Lindane)	ND		1	1.0	ug/kg	09/02/2016 1410
Heptachlor	ND		1	1.0	ug/kg	09/02/2016 1410
Heptachlor epoxide	ND		1	1.0	ug/kg	09/02/2016 1410
Methoxychlor	ND		1	4.0	ug/kg	09/02/2016 1410
Toxaphene	ND		1	10	ug/kg	09/02/2016 1410
trans-Chlordane	ND		1	1.0	ug/kg	09/02/2016 1410

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		95	57-110
Tetrachloro-m-xylene		84	37-91

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - LCS

Sample ID: RQ21166-002 **Matrix:** Solid
Batch: 21166 **Prep Method:** 3546
Analytical Method: 8081B **Prep Date:** 09/01/2016 1342

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
4,4'-DDD	20	21		1	104	70-130	09/02/2016 1425
4,4'-DDE	20	21		1	103	70-130	09/02/2016 1425
4,4'-DDT	20	22		1	109	70-130	09/02/2016 1425
Aldrin	20	20		1	101	70-130	09/02/2016 1425
alpha-BHC	20	20		1	99	70-130	09/02/2016 1425
beta-BHC	20	20		1	101	70-130	09/02/2016 1425
cis-Chlordane	20	20		1	98	70-130	09/02/2016 1425
delta-BHC	20	19		1	96	50-150	09/02/2016 1425
Dieldrin	20	21		1	103	70-130	09/02/2016 1425
Endosulfan I	20	18		1	88	70-130	09/02/2016 1425
Endosulfan II	20	19		1	97	70-130	09/02/2016 1425
Endosulfan sulfate	20	21		1	104	70-130	09/02/2016 1425
Endrin	20	20		1	102	70-130	09/02/2016 1425
Endrin aldehyde	20	22		1	111	70-130	09/02/2016 1425
Endrin ketone	20	21		1	107	70-130	09/02/2016 1425
gamma-BHC (Lindane)	20	20		1	101	70-130	09/02/2016 1425
Heptachlor	20	21		1	105	70-130	09/02/2016 1425
Heptachlor epoxide	20	19		1	97	70-130	09/02/2016 1425
Methoxychlor	20	22		1	112	70-130	09/02/2016 1425
trans-Chlordane	20	20		1	98	70-130	09/02/2016 1425

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		98	57-110
Tetrachloro-m-xylene		85	37-91

QL = Practical quantitation limit
D = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

here applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

ote: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - MS

Sample ID: RH26003-026MS
Batch: 21166
Analytical Method: 8081B

Matrix: Solid
Prep Method: 3546
Prep Date: 09/01/2016 1342

Parameter	Sample Amount (ug/kg)	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Aldrin	ND	25	22		1	89	70-130	09/06/2016 1723
gamma-BHC (Lindane)	ND	25	24		1	99	70-130	09/06/2016 1723
alpha-BHC	ND	25	22		1	89	70-130	09/06/2016 1723
beta-BHC	ND	25	20		1	80	70-130	09/06/2016 1723
delta-BHC	ND	25	22		1	90	50-150	09/06/2016 1723
cis-Chlordane	ND	25	21		1	87	70-130	09/06/2016 1723
trans-Chlordane	1.3	25	21	P	1	87	70-130	09/06/2016 1723
4,4'-DDD	ND	25	20		1	83	70-130	09/06/2016 1723
4,4'-DDE	6.0	25	27		1	86	70-130	09/06/2016 1723
4,4'-DDT	2.3	25	26		1	98	70-130	09/06/2016 1723
Dieldrin	1.7	25	23		1	89	70-130	09/06/2016 1723
Endosulfan I	ND	25	19		1	78	70-130	09/06/2016 1723
Endosulfan II	ND	25	21		1	85	70-130	09/06/2016 1723
Endosulfan sulfate	ND	25	21		1	87	70-130	09/06/2016 1723
Endrin	ND	25	21		1	86	70-130	09/06/2016 1723
Endrin aldehyde	ND	25	22		1	91	70-130	09/06/2016 1723
Endrin ketone	ND	25	21		1	87	70-130	09/06/2016 1723
Heptachlor	ND	25	26		1	105	70-130	09/06/2016 1723
Heptachlor epoxide	ND	25	21		1	85	70-130	09/06/2016 1723
Methoxychlor	ND	25	25		1	102	70-130	09/06/2016 1723

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		86	57-110
Tetrachloro-m-xylene		81	37-91

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Organochlorine Pesticides by GC - MSD

Sample ID: RH26003-026MD
Batch: 21166
Analytical Method: 8081B

Matrix: Solid
Prep Method: 3546
Prep Date: 09/01/2016 1342

Parameter	Sample Amount (ug/kg)	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Aldrin	ND	26	22		1	87	2.9	70-130	20	09/06/2016 1738
gamma-BHC (Lindane)	ND	26	25		1	98	3.8	70-130	20	09/06/2016 1738
alpha-BHC	ND	26	23		1	89	4.1	70-130	20	09/06/2016 1738
beta-BHC	ND	26	20		1	79	3.9	70-130	20	09/06/2016 1738
delta-BHC	ND	26	23		1	90	4.0	50-150	20	09/06/2016 1738
cis-Chlordane	ND	26	22		1	86	3.8	70-130	20	09/06/2016 1738
trans-Chlordane	1.3	26	32	+	1	122	38	70-130	20	09/06/2016 1738
4,4'-DDD	ND	26	21		1	82	3.9	70-130	20	09/06/2016 1738
4,4'-DDE	6.0	26	29		1	88	5.4	70-130	20	09/06/2016 1738
4,4'-DDT	2.3	26	26		1	92	1.2	70-130	20	09/06/2016 1738
Dieldrin	1.7	26	25		1	89	5.1	70-130	20	09/06/2016 1738
Endosulfan I	ND	26	20		1	77	4.0	70-130	20	09/06/2016 1738
Endosulfan II	ND	26	22		1	85	5.1	70-130	20	09/06/2016 1738
Endosulfan sulfate	ND	26	22		1	87	4.4	70-130	20	09/06/2016 1738
Endrin	ND	26	22		1	84	2.4	70-130	20	09/06/2016 1738
Endrin aldehyde	ND	26	23		1	89	2.8	70-130	20	09/06/2016 1738
Endrin ketone	ND	26	22		1	87	4.8	70-130	20	09/06/2016 1738
Heptachlor	ND	26	26		1	101	1.3	70-130	20	09/06/2016 1738
Heptachlor epoxide	ND	26	22		1	86	5.6	70-130	20	09/06/2016 1738
Methoxychlor	ND	26	26		1	100	3.6	70-130	20	09/06/2016 1738

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		86	57-110
Tetrachloro-m-xylene		83	37-91

L = Practical quantitation limit
= Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

ere applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

te: Calculations are performed before rounding to avoid round-off errors in calculated results

PCBs by GC - MB

Sample ID: RQ21229-001
Batch: 21229
Analytical Method: 8082A

Matrix: Solid
Prep Method: 3546
Prep Date: 09/02/2016 1100
Cleanup: 3660B/3665A

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Aroclor 1016	ND		1	10	ug/kg	09/02/2016 1441
Aroclor 1221	ND		1	10	ug/kg	09/02/2016 1441
Aroclor 1232	ND		1	10	ug/kg	09/02/2016 1441
Aroclor 1242	ND		1	10	ug/kg	09/02/2016 1441
Aroclor 1248	ND		1	10	ug/kg	09/02/2016 1441
Aroclor 1254	ND		1	10	ug/kg	09/02/2016 1441
Aroclor 1260	ND		1	10	ug/kg	09/02/2016 1441

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		91	41-132
Tetrachloro-m-xylene		84	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

PCBs by GC - LCS

Sample ID: RQ21229-002 **Matrix:** Solid
Batch: 21229 **Prep Method:** 3546 **Cleanup:** 3660B/3665A
Analytical Method: 8082A **Prep Date:** 09/02/2016 1100

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Aroclor 1016	100	97		1	97	70-130	09/02/2016 1454
Aroclor 1260	100	100		1	104	70-130	09/02/2016 1454

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		95	41-132
Tetrachloro-m-xylene		89	35-106

L = Practical quantitation limit
= Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

ere applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

ote: Calculations are performed before rounding to avoid round-off errors in calculated results

PCBs by GC - MS

Sample ID: RH26003-002MS
Batch: 21229
Analytical Method: 8082A

Matrix: Solid
Prep Method: 3546
Prep Date: 09/02/2016 1100
Cleanup: 3660B/3665A

Parameter	Sample Amount (ug/kg)	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Aroclor 1016	ND	120	1500	N	50	1290	70-130	09/06/2016 1333
Aroclor 1260	ND	120	880	N	50	760	70-130	09/06/2016 1333

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		124	41-132
Tetrachloro-m-xylene		101	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

PCBs by GC - MSD

Sample ID: RH26003-002MD
Batch: 21229
Analytical Method: 8082A

Matrix: Solid
Prep Method: 3546
Prep Date: 09/02/2016 1100

Cleanup: 3660B/3665A

Parameter	Sample Amount (ug/kg)	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Aroclor 1016	ND	110	2000	N,+	50	1840	31	70-130	20	09/06/2016 1347
Aroclor 1260	ND	110	800	N	50	718	9.6	70-130	20	09/06/2016 1347

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		124	41-132
Tetrachloro-m-xylene		91	35-106

L = Practical quantitation limit
= Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

ere applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

te: Calculations are performed before rounding to avoid round-off errors in calculated results

PCBs by GC - MB

Sample ID: RQ21292-001
Batch: 21292
Analytical Method: 8082A

Matrix: Solid
Prep Method: 3546
Prep Date: 09/02/2016 1925
Cleanup: 3660B/3665A

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Aroclor 1016	ND		1	10	ug/kg	09/06/2016 1201
Aroclor 1221	ND		1	10	ug/kg	09/06/2016 1201
Aroclor 1232	ND		1	10	ug/kg	09/06/2016 1201
Aroclor 1242	ND		1	10	ug/kg	09/06/2016 1201
Aroclor 1248	ND		1	10	ug/kg	09/06/2016 1201
Aroclor 1254	ND		1	10	ug/kg	09/06/2016 1201
Aroclor 1260	ND		1	10	ug/kg	09/06/2016 1201

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		96	41-132
Tetrachloro-m-xylene		86	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

PCBs by GC - LCS

Sample ID: RQ21292-002 **Matrix:** Solid
Batch: 21292 **Prep Method:** 3546 **Cleanup:** 3660B/3665A
Analytical Method: 8082A **Prep Date:** 09/02/2016 1925

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Aroclor 1016	100	110		1	110	70-130	09/06/2016 1214
Aroclor 1260	100	120		1	118	70-130	09/06/2016 1214

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		101	41-132
Tetrachloro-m-xylene		94	35-106

L = Practical quantitation limit
= Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

ere applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

te: Calculations are performed before rounding to avoid round-off errors in calculated results

TAL Metals - MB

Sample ID: RQ21039-001
Batch: 21039
Analytical Method: 6010C

Matrix: Solid
Prep Method: 3050B
Prep Date: 08/31/2016 1101

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Aluminum	ND		1	20	mg/kg	09/02/2016 1802
Antimony	ND		1	1.0	mg/kg	09/02/2016 1802
Arsenic	ND		1	0.75	mg/kg	09/02/2016 1802
Barium	ND		1	1.3	mg/kg	09/02/2016 1802
Beryllium	ND		1	0.25	mg/kg	09/07/2016 1242
Cadmium	ND		1	0.25	mg/kg	09/02/2016 1802
Calcium	ND		1	250	mg/kg	09/02/2016 1802
Chromium	ND		1	0.50	mg/kg	09/02/2016 1802
Cobalt	ND		1	1.3	mg/kg	09/02/2016 1802
Copper	ND		1	0.50	mg/kg	09/02/2016 1802
Iron	ND		1	5.0	mg/kg	09/07/2016 1242
Lead	ND		1	0.50	mg/kg	09/02/2016 1802
Magnesium	ND		1	250	mg/kg	09/07/2016 1242
Manganese	ND		1	0.75	mg/kg	09/02/2016 1802
Nickel	ND		1	2.0	mg/kg	09/02/2016 1802
Potassium	ND		1	250	mg/kg	09/02/2016 1802
Selenium	ND		1	1.0	mg/kg	09/02/2016 1802
Silver	ND		1	0.50	mg/kg	09/02/2016 1802
Sodium	ND		1	250	mg/kg	09/02/2016 1802
Thallium	ND		1	2.5	mg/kg	09/02/2016 1802
Vanadium	ND		1	2.5	mg/kg	09/02/2016 1802
Zinc	ND		1	2.5	mg/kg	09/02/2016 1802

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TAL Metals - LCS

Sample ID: RQ21039-002
Batch: 21039
Analytical Method: 6010C

Matrix: Solid
Prep Method: 3050B
Prep Date: 08/31/2016 1101

Parameter	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Aluminum	1000	930		1	93	80-120	09/02/2016 1818
Antimony	50	48		1	95	80-120	09/02/2016 1818
Arsenic	250	250		1	101	80-120	09/02/2016 1818
Barium	500	530		1	106	80-120	09/02/2016 1818
Beryllium	100	100		1	103	80-120	09/07/2016 1257
Cadmium	50	47		1	94	80-120	09/02/2016 1818
Calcium	2000	1900		1	96	80-120	09/02/2016 1818
Chromium	250	250		1	100	80-120	09/02/2016 1818
Cobalt	100	100		1	101	80-120	09/02/2016 1818
Copper	100	100		1	102	80-120	09/02/2016 1818
Iron	1000	1000		1	101	80-120	09/07/2016 1257
Lead	250	250		1	101	80-120	09/02/2016 1818
Magnesium	2000	2000		1	101	80-120	09/07/2016 1257
Manganese	100	100		1	102	80-120	09/02/2016 1818
Nickel	100	100		1	102	80-120	09/02/2016 1818
Potassium	2000	2200		1	110	80-120	09/02/2016 1818
Selenium	50	49		1	98	80-120	09/02/2016 1818
Silver	50	47		1	95	80-120	09/02/2016 1818
Sodium	2000	2200		1	108	80-120	09/02/2016 1818
Thallium	40	41		1	101	80-120	09/02/2016 1818
Vanadium	100	99		1	99	80-120	09/02/2016 1818
Zinc	100	100		1	101	80-120	09/02/2016 1818

L = Practical quantitation limit
= Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

ere applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

te: Calculations are performed before rounding to avoid round-off errors in calculated results

TAL Metals - MB

Sample ID: RQ20870-001
Batch: 20870
Analytical Method: 7471B

Matrix: Solid
Prep Method: 7471B
Prep Date: 08/29/2016 936

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Mercury	ND		1	0.083	mg/kg	08/30/2016 1202

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

TAL Metals - LCS

Sample ID: RQ20870-002 **Matrix:** Solid
Batch: 20870 **Prep Method:** 7471B
Analytical Method: 7471B **Prep Date:** 08/29/2016 936

Parameter	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Mercury	0.83	0.87		1	104	80-120	08/30/2016 1204

L = Practical quantitation limit
= Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

ere applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

te: Calculations are performed before rounding to avoid round-off errors in calculated results

TAL Metals - MS

Sample ID: RH26003-018MS
Batch: 20870
Analytical Method: 7471B

Matrix: Solid
Prep Method: 7471B
Prep Date: 08/29/2016 936

Parameter	Sample Amount (mg/kg)	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Mercury	ND	0.86	0.85		1	99	80-120	08/30/2016 1353

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Shealy Environmental Services, Inc.
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

TAL Metals - MSD

Sample ID: RH26003-018MD
Batch: 20870
Analytical Method: 7471B

Matrix: Solid
Prep Method: 7471B
Prep Date: 08/29/2016 936

Parameter	Sample Amount (mg/kg)	Spike Amount (mg/kg)	Result (mg/kg)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Mercury	ND	0.80	0.80		1	100	6.6	80-120	20	08/30/2016 1355

L = Practical quantitation limit
= Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

ere applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

te: Calculations are performed before rounding to avoid round-off errors in calculated results

Chain of Custody
and
Miscellaneous Documents

SHEALY

Chain of Custody Record

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive • West Columbia, SC 29172
Telephone No. 803-791-9700 Fax No. 803-791-9111
www.shealylab.com

Number 63888

Client: SYNTERRA
Address: 148 RIVER ST SUITE 220
City: GREENVILLE State: SC Zip Code: 29601
Project Name: FORMER BURLINGTON LAGOON
Project No.: 1112.11
P.O. No.:

Report to Contact: HOWARD FRANK
Sampler's Signature: X
Printed Name:

Telephone No. / E-mail: hfrank@synterracorp.com
Analysis (Attach list if more space is needed):

Quote No.:
Page 1 of 4
RH26003

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	Grab/Composite	Matrix: Aqueous	Matrix: Solid	Matrix: Non-Aqueous	No of Containers by Preservative Type: Unpres	H2SO4	HNO3	HCl	NaOH	NaOH/ZnAc	Remarks / Cooler I.D.
BL-SS-70	8/25/16	1142	G		X		X						X
BL-SS-48A	8/25/16	1000	G		X		X						X
BL-SS-74	8/25/16	1110	G		X		X						X
BL-SS-58	8/25/16	1550	G		X		X						X
BL-SS-48B	8/25/16	1004	G		X		X						X
BL-SS-52B	8/25/16	1017	G		X		X						X
BL-SS-63	8/24/16	1600	G		X		X						X
BL-SS-73	8/25/16	1120	G		X		X						X
BL-SS-52	8/25/16	1700	G		X		X						X
BL-SB-80	8/23/16	1152	G		X		X						X

Turn Around Time Required (Prior lab approval required for expedited TAT.): ☑ Standard ☐ Rush (Specify)
Sample Disposal: ☐ Return to Client ☑ Disposal by Lab
Possible Hazard Identification: ☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown
QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished by: [signature]	8/26/16	8:24	1. Received by		
2. Relinquished by			2. Received by		
3. Relinquished by			3. Received by		
4. Relinquished by			4. Laboratory received by: [signature]	8/26/16	0824

Note: All samples are retained for four weeks from receipt unless other arrangements are made.

LAB USE ONLY
Received on ice (Circle) (Yes) No Ice Pack
Receipt Temp. 3.7 °C 4.9

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

Document Number: F-AD-133 Effective Date: 08-01-2014

Shealy Environmental Services, Inc.
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

SHEALY

Chain of Custody Record

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive • West Columbia, SC 29172
Telephone No. 803-791-9700 Fax No. 803-791-9111
www.shealylab.com

Number 63887

Client: SYNTERRA
Report to Contact: Howard Frank
Telephone No. / E-mail: hfrank@synterracorp.com
Quote No.:
Address: 148 River St Suite 220
City: Greenville | State: SC | Zip Code: 29601
Sampler's Signature: X
Printed Name:
Project Name: Former Burlington Lagoon
Project No.: 1112.11
P.O. No.:
Page 2 of 4
RH26003

Analysis (Attach list if more space is needed): PCBs, SVOC, Pesticides, TAL Metals 3

Sample ID / Description (Containers for each sample may be combined on one line)	Date	Time	# of Containers	Matrix: Aqueous	Solid	Wipe/Air	Liquids	Vessels	Metals	VOA	Vials	Soils Kit	PCBs	SVOC	Pesticides	TAL Metals 3						Remarks / Cooler I.D.
BL-SS-59	8/24/16	1545	6		X		X						X									
BL-SS-52A	8/25/16	1035	6		X		X						X									
BL-SS-75	8/25/16	1108	6		X		X						X									
BL-SS-80	8/23/16	1162	6		X		X						X									
BL-SS-53A	8/25/16	1030	6		X		X						X									
BL-SS-11A	8/25/16	1207	6		X		X						X									
BL-WA-01	8/24/16	1318	6		X		X						X	X	X	X	X					
BL-SS-48	8/24/16	1648	6		X		X						X	X	X	X	X					
BL-WA-2	8/24/16	1301	6		X		X						X	X	X	X	X					
BL-SS-57	8/25/16	1053	6		X		X						X	X	X	X	X					

Turn-Around Time Required (Prior lab approval required for expedited TAT.): ☑ Standard ☐ Rush (Specify)

Sample Disposal: ☐ Return to Client ☑ Disposal by Lab

Possible Hazard Identification: ☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished by	8/26/16	824	1. Received by		
2. Relinquished by			2. Received by		
3. Relinquished by			3. Received by		
4. Relinquished by			4. Laboratory received by	8/26/16	0824

Note: All samples are retained for four weeks from receipt unless other arrangements are made.

LAB USE ONLY
Received on Ice (Circle): (Yes) No Ice Pack Receipt Temp: 3.7 °C
4.9

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

Document Number: F-AD-133 Effective Date: 08-01-2014

SHEALY ENVIRONMENTAL SERVICES, INC.

SHEALY

Chain of Custody Record

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive • West Columbia, SC 29172
Telephone No. 803-791-9700 Fax No. 803-791-9111
www.shealylab.com

Number 63889

Client: SYNTERRA
Address: 148 RIVER ST SUITE 220
City: GREENVILLE State: SC Zip Code: 29601
Project Name: FORMER BURLINGTON LAGOON
Project No.: 1112.11
P.O. No.:

Report to Contact: HOWARD FRANK
Sampler's Signature: X
Printed Name:

Telephone No. / E-mail: hfrank@synterra.com.com
Analysis (Attach list if more space is needed)

Quote No.:
Page 3 of 4

RH26003

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	G=Grab C=Composite	Matrix: Aqueous	Matrix: Solid	Matrix: Non-Aqueous	No of Containers by Preservative Type: UNSPR	HCl/Cl	HNO3	NO3	NaOH	NaOH/Zn	PCBs	SVOCs	Pesticides	TPH Metals ON	TCL	VOCs				Remarks / Cooler I.D.
BL-BKG-SS	8/25/16	857	G		X		X						X	X	X	X	X	X				
BL-BKG-SD	8/25/16	820	G		X		X						X	X	X	X	X	X				
BL-BKG-SB	8/25/16	905	G		X		X						X	X	X	X	X	X				
BL-SS-67	8/24/16	1336	G		X		X						X	X	X	X	X					
BL-SS-53	8/24/16	1657	G		X		X						X	X	X	X	X					
BL-SD-19	8/22/16	1520	G		X		X						X	X	X	X	X					
BL-DS 19	8/22/16	1525	G		X		X						X	X	X	X	X					
BL-SS-48 (2)	8/25/16	957	G		X		X											X				
BL-SS-75A	8/25/16	1618	G		X		X						X									
BL-SS-75B	8/25/16	1612	G		X		X						X									

Turn Around Time Required (Prior lab approval required for expedited TAT.): ☑ Standard ☐ Rush (Specify)
Sample Disposal: ☐ Return to Client ☑ Disposal by Lab
Possible Hazard Identification: ☑ Non Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown
QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished by: [signature]	8/26/16	824	1. Received by		
2. Relinquished by			2. Received by		
3. Relinquished by			3. Received by		
4. Relinquished by			4. Laboratory received by: [signature]	8/26/16	0824

Note: All samples are retained for four weeks from receipt unless other arrangements are made.

LAB USE ONLY
Received on ice (Circle) (Yes) No Ice Pack
Receipt Temp. 3.7 °C 4.9

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

Document Number: F-AD-133 Effective Date: 08-01-2014

Shealy Environmental Services, Inc.
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

SHEALY

Chain of Custody Record

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive • West Columbia, SC 29172
Telephone No. 803-791-9700 Fax No. 803-791-9111
www.shealylab.com

Number 63890

Client	SYNTERRA
Address	148 RIVER ST SUITE 220
City / State / Zip Code	GREENVILLE / SC / 29601
Project Name	FORMER BURLINGTON LABORATORY
Project No.	1112.11
P.O. No.	
Project Mgr. Contact	HOWARD FRANK
Sampler's Signature	X
Printed Name	
Telephone No. / E-mail	hfrank@syntherra.com
Analysis (Attach list if more space is needed)	
Quote No.	
Page	4 of 4

RH26003

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	# of Containers	Matrix: Aqueous	Soil/Solid	Air/Gas	Analysis: PCBs	Preservative: H2SO4	HNO3	HCl	NaOH	8015 NR	PCBs	Remarks / Cooler I.D.
BL-SS-75C	8/25/16	1612	6		X		X						X	
BL-SS-75D	8/25/16	1622	6		X		X						X	

Turn Around Time Required (Prior lab approval required for expedited TAT.): ☑ Standard ☐ Rush (Specify)

Sample Disposal: ☐ Return to Client ☑ Disposal by Lab

Possible Hazard Identification: ☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown

QC Requirements (Specify)

	Date	Time
1. Relinquished by	8/26/16	8:27
2. Relinquished by		
3. Relinquished by		
4. Relinquished by		

	Date	Time
1. Received by		
2. Received by		
3. Received by		
4. Laboratory received by	8.26.16	0824

Note: All samples are retained for four weeks from receipt unless other arrangements are made.

LAB USE ONLY
Received on ice (Circle) (Yes) No Ice Pack
Receipt Temp. 3.7 °C 4.9

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

Document Number: F-AD-133 Effective Date: 06-01-2014

SHEALY ENVIRONMENTAL SERVICES, INC.

Shealy Environmental Services, Inc
Document Number ME0018C-04

Page 1 of 1
Effective Date 02/05/2016
Expiry Date 02/05/2021

Sample Receipt Checklist (SRC)

Client: Synterra Cooler Inspected by/date: mam/082616 Lot #: R1126003

Means of receipt: ☐ SESI ☑ Client ☐ UPS ☐ FedEx ☐ Other

Yes ☐	No ☑		1. Were custody seals present on the cooler?
Yes ☐	No ☐	NA ☑	2. If custody seals were present, were they intact and unbroken?

pH strip ID: _____ Cl strip ID: _____

Cooler ID/Original temperature upon receipt/Derived (corrected) temperature upon receipt:
/3.7/3.7°C 4.9/4.9°C / / °C / / °C

Method: ☑ Temperature Blank ☐ Against Bottles IR Gun ID: 6 IR Gun Correction Factor: 0 °C

Method of coolant: ☑ Wet Ice ☐ Blue Ice ☐ Dry Ice ☐ None

Yes ☐	No ☐	NA ☑	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM was notified by: phone / email / face-to-face (circle one).
Yes ☐	No ☐	NA ☑	4. Is the commercial courier's packing slip attached to this form?
Yes ☑	No ☐		5. Were proper custody procedures (relinquished/received) followed?
Yes ☑	No ☐		6. Were sample IDs listed on the COC?
Yes ☑	No ☐		7. Were sample IDs listed on all sample containers?
Yes ☑	No ☐		8. Was collection date & time listed on the COC?
Yes ☑	No ☐		9. Was collection date & time listed on all sample containers?
Yes ☑	No ☐		10. Did all container label information (ID, date, time) agree with the COC?
Yes ☑	No ☐		11. Were tests to be performed listed on the COC?
Yes ☑	No ☐		12. Did all samples arrive in the proper containers for each test and/or in good condition (unbroken, lids on, etc.)?
Yes ☑	No ☐		13. Was adequate sample volume available?
Yes ☐	No ☑		14. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
mam 8/26/16 Yes ☑	No ☑		15. Were any samples containers missing/excess (circle one) samples not listed on COC?
Yes ☐	No ☐	NA ☑	16. Were bubbles present >"pea-size" (¼" or 6mm in diameter) in any VOA vials?
Yes ☐	No ☐	NA ☑	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes ☐	No ☐	NA ☑	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes ☐	No ☐	NA ☑	19. Were all applicable NH3/TKN/cyanide/phenol (<0.2mg/L) samples free of residual chlorine?
Yes ☐	No ☐	NA ☑	20. Were collection temperatures documented on the COC for NC samples?
Yes ☐	No ☐	NA ☑	21. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations, etc...) correctly transcribed from the COC into the comment section in LIMS?
Yes ☑	No ☐	19104	22. Was the quote number used taken from the container label?

Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)

Sample(s) _____ were received incorrectly preserved and were adjusted accordingly in sample receiving with _____ (H_2SO_4, HNO3, HCl, NaOH) using SR # _____

Sample(s) _____ were received with bubbles >6 mm in diameter.

Samples(s) _____ were received with TRC >0.2 mg/L (If #21 is No) and were adjusted accordingly in sample receiving with sodium thiosulfate ($Na_2S_2O_3$) with Shealy ID: _____

SC Drinking Water Project Sample(s) pH verified to be > 2 by _____ Date: _____

Sample(s) _____ were not received at a pH of <2 and were adjusted accordingly using SR# _____

Sample labels applied by: mam Verified by: _____ Date: 8/26/16

Comments: Sample 014 was not received. SR believes -014 is a repeated mark down of -010. -033 was not listed on COC.

BLANK PAGE

#3

Project Note

Date: July 19, 2017

Name: Jonathan McInnis
Firm: South Carolina Department of Health and Environmental Control (SCDHEC)
Bureau of Land and Waste Management
Division of Site Assessment, Remediation, and Revitalization
Federal and State Site Assessment Section
Title: Program Manager
Signature:

Subject: Information Regarding the SCDHEC 2016 and 2017 Sampling Events at and in the Vicinity of the former Burlington Industries Cheraw (BIC) Facility

SUMMARY

- From August 2016 to November 2016, SCDHEC collected numerous soil and sediment samples from about 32 residential properties in the vicinity of the former BIC facility. Sampling was conducted in an effort to determine the extent of contamination within residential properties surrounding the former BIC facility and along the surface water migration pathway overland route.
- During the numerous 2016 SCDHEC sampling events, sediment samples were collected from the drainage ditch located adjacent to the manufacturing complex to the ditch's convergence with the unnamed tributary of Wilson Branch.
- February and March 2017 Sampling Events
  - Sampling was conducted in accordance with the EPA FBQSTP Sediment Sampling, SESDPROC-200-R3, August 21, 2014
  - Sampling was conducted in accordance with the EPA-approved SCDHEC quality assurance project plans (QAPPs) dated February 13, 2017 and March 1, 2017. All samples were analyzed by Shealy Environmental Services, Inc. (Shealy) for polychlorinated biphenyls (PCB) by EPA Method 8082A.
  - Samples were collected in the general locations proposed in the February 13, 2017 and March 1, 2017 QAPPs.
  - Sample BIC-202-SD is mistakenly listed as BIC-SC-202 on the analytical data sheet (Ref. 69, p. 20) and is listed as BIC-SD-202 on the chain of custody (Ref. 56, p. 13). The correct sample name as listed in the logbook notes is BIC-202-SD (Ref. 58, p. 4).
- According to Highland Industries personnel, Highland Industries never used PCBs in their operations.
- The parcel located to the north of the former settling ponds is an occupied residential structure (see Figure 2 of the Hazard Ranking System (HRS) documentation record).
- References mentioned above are for the HRS documentation record.
- Soil within Source No. 1 likely became contaminated because of direct discharge to the drainage ditch on the western side of the former BIC facility, migration, deposition, and flooding; possible leaks and spills from the settling station; and surface water runoff. Also, when the settling basins were closed, the area was apparently graded and sludge-like material can presently be seen over a much wider footprint than the former basins, indicating that material may have been moved in any direction.
- No mounds, berms, or other impediments that would cause runoff from Source No. 1 to collect or to travel away from the direction of the drainage ditch are located in areas adjacent to Source No. 1. Overland flow from Source No. 1 does not flow in an eastwardly direction.
- The Chesterfield County landfill is located on Moree Road about 10.7 miles south of the former BIC facility.

RESPONSE REQUIRED

(x) None ( ) Phone call ( ) Memo ( ) Letter ( ) Report

cc: File (x) Project Manager ( ) Principal Investigator ( ) Other (specify)

BLANK PAGE

#4

TETRA TECH

DATA VALIDATION CHECKLIST – STAGE 2A

Site Name	Burlington Industries Cheraw Former Lagoon	**Project No.**	103X902705027
Data Reviewer (signature and date)	John Schendel February 28, 2017	**Technical Reviewer (signature and date)**	Jessica A. Vickers March 21, 2017
Laboratory Report Nos.	RH24015; RH25003; RH26003; RI19043; RI21041; RI21114; RI22043; RI22044; RJ05119; RJ20065; RK16050; and RK16051	**Laboratory**	Shealy Environmental Services, Inc., West Columbia, SC
Analyses	Polychlorinated Biphenyls (PCBs) by SW-846 Method 8082A		
Samples	RH24015: 19 samples RH25003: 6 samples RH26003: 31 samples RI19043: 40 samples RI21041: 32 samples RI21114: 60 samples RI22043: 18 samples RI22044: 2 samples RJ05119: 20 samples RJ20065: 15 samples RK16050: 58 samples RK16051: 25 samples		
Field Duplicate Pairs	RH24015: BL-DS-04/BL-DS-04-D RH26003: BL-SS-67/BL-SS-67-DUP RI21114: BL-SD-6_5/BL-SD-6_5-DUP and SD-204/SD-204 DUP RK16050: SMITH A/SMITH A DUP RK16051: URBAN-C/URBAN-C-DUPLICATE		
Field Blanks	None		

This checklist summarizes the Stage 2A validation performed on the subject laboratory reports, in accordance with the U.S. Environmental Protection Agency (EPA) *Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use* (January 2009). Analytical data were evaluated in general accordance with the EPA *National Functional Guidelines (NFG) for Superfund Organic Methods Data Review* (September 2016) data validation guidance document, as well as the above referenced method.

OVERALL EVALUATION:

Rejection of data was not required for this data package. The data can be used with the qualifications and data gaps indicated in this checklist.

1955 Evergreen Blvd., Ste. 300, Duluth, GA 30096
Tel 678.775.3080 Fax 678.775.3138
www.tetratech.com

TETRA TECH

DATA VALIDATION CHECKLIST – STAGE 2A

Data completeness:

Within Criteria	Exceedance/Notes
Y	• The sample receipt checklist for Laboratory Report No. RH26003 stated that "-099 was not listed on COC." PCB sample results for the sample with laboratory ID RH26003-033 (field sample BL-SS-67-DUP) did have PCB results reported for it. No data qualification action was applied as a result of this error. • The sample receipt checklist for Laboratory Report No. RH26003 stated that "Sample -014 was not received. SR believes -014 is a repeated mark down of -010." The chain-of-custody (COC) forms show that field sample BL-SB-80 was listed twice, and was therefore given two laboratory identification (ID) numbers (RH26003-010 and RH26003-014). PCB results for field sample BL-SB-80 were reported only under laboratory ID RH26003-010. No data qualification action was applied as a result of this error. • The sample receipt checklist for Laboratory Report No. RI22043 stated that "-017 + -018 were not on COC." PCB sample results for samples with laboratory IDs RI22043-017 (field sample LANE I) and RI22043-018 (field sample LANE J) were reported. No data qualification action was applied as a result of this error. • The sample receipt checklist for Laboratory Report No. RK16051 stated that "no % solid made for -020 due to matrix." PCB sample results for the sample with laboratory ID RK16041-020 did have percent solids results reported for it. No data qualification action was applied as a result of this error. • For Laboratory Report No. RK16051, the laboratory incorrectly transcribed field sample names 311-D SLIDING HILL, 311-A SLIDING HILL, and 311-B SLIDING HILL into the laboratory report by adding the letter "S" to the end of the word "HILL" in each of the names. The significance of this error is uncertain; no data qualification action was applied as a result of this error. These sample IDs were manually corrected in the attachment to this checklist.

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
N	Temperature Preservation: Samples for Laboratory Report No. RH24015 were received by the laboratory at 7.8 degrees Celsius (°C), above the 6 °C limit; no data qualification action was applied as a result of this variance.

1955 Evergreen Blvd., Ste. 300, Duluth, GA 30096
Tel 678.775.3080 Fax 678.775.3138
www.tetratech.com

TETRA TECH

DATA VALIDATION CHECKLIST – STAGE 2A

Method blanks:

Within Criteria	Exceedance/Notes
N	For Laboratory Report No. RI19043, the method blank results for batches 22376 and 22445 each had a positive result for Aroclor 1248 (47 micrograms per kilogram [µg/kg] and 15 µg/kg, respectively). The Aroclor 1248 results for the field samples associated with each of these method blanks were either non-detect or were greater than ten times the associated method blank result; as a consequence, none of the Aroclor 1248 results in the associated field samples required qualification.

Field blanks:

Within Criteria	Exceedance/Notes
N	No aqueous field blanks or equipment rinsate blanks were listed or reported in the laboratory reports. While no data qualification action was applied as a result of this circumstance, the absence of these types of field quality control (QC) samples prevents evaluation of the potential for contamination of samples due to ambient conditions or cross-contamination of samples from inadequate sampling and equipment cleaning procedures.

System monitoring compounds (surrogates and labeled compounds):

Within Criteria	Exceedance/Notes
N	• Recoveries for samples diluted by factors no less than 10 times could not be accurately calculated. Due to uncertainty in how the dilutions influenced target analyte recoveries relative to surrogate recoveries, no data qualification actions were applied as a result of these out-of-control recoveries. • RK16051: Samples RK16051-023, -024, and -025 experienced low recoveries (9.1 percent, 25 percent, and 18 percent, respectively) for surrogate tetrachloro-m-xylene. The non-detect results for these samples were qualified as estimated with a possible low bias (flagged "UJ").

1955 Evergreen Blvd., Ste. 300, Duluth, GA 30096
Tel 678.775.3080 Fax 678.775.3138
www.tetratech.com

TETRA TECH

DATA VALIDATION CHECKLIST – STAGE 2A

MS/MSD:

Within Criteria	Exceedance/Notes
N	• MS/MSD results for sample RH26003-001 (field sample BL-SS-70), RH26003-002 (field sample BL-SS-48A), RI19043-001 (field sample BL-SS-48C), RI29043-021 (field sample BL-SS-74C), RI21114-001 (field sample SS-236), RI22044-002 (field sample BL-SS-215), RJ20065-011 (field sample HP-002-DS), and RK16050-031 (field sample SMITH B) had out-of-control recoveries and relative percent differences (RPDs). The MS, MSD, and parent sample were all diluted by high factors. Due to uncertainty in how the dilutions influenced target analyte recoveries in the parent sample relative to MS/MSD spike recoveries, no data qualification actions were applied as a result of these out-of-control recoveries and RPDs. • RH26003: MS/MSD results for sample RH26003-021 (field sample BL-BKG-SS) had recoveries below the acceptance range of 70 to 130 percent and RPDs above the acceptance limit of 20 percent; therefore, the non-detect results in the parent sample were qualified as estimated with a possible low bias (flagged "UJ"). • RI21041: MS/MSD results for sample RI21041-030 (field sample HARRINGTON C) had recoveries for both spiked Aroclors above the acceptance range of 70 to 130 percent; therefore, the positive Aroclor 1254 result in the parent sample was qualified as estimated with a possible high bias (flagged "J+"). • RJ05119: MS/MSD results for sample RJ05119-012 (field sample SITE B) had an MS recovery below the acceptance range of 70 to 130 percent for Aroclor 1260 and RPDs above the acceptance limit of 20 percent for both Aroclors. The non-detect Aroclor 1260 result for the parent sample was qualified as estimated with a possible low bias (flagged "UJ"), while the positive Aroclor 1254 result for the parent sample was qualified as estimated (flagged "J"). • RK16050: MS/MSD results for sample RK16050-051 (field sample CONN B) had an RPD value for Aroclor 1016 was above the acceptance limit of 20 percent; however, no data qualification action was applied to the non-detect result in the parent sample.

Post digestion spikes:

Within Criteria	Exceedance/Notes
NA	

1955 Evergreen Blvd., Ste. 300, Duluth, GA 30096
Tel 678.775.3080 Fax 678.775.3138
www.tetratech.com

TETRA TECH

DATA VALIDATION CHECKLIST – STAGE 2A

Serial dilutions:

Within Criteria	Exceedance/Notes
NA	

Laboratory duplicates:

Within Criteria	Exceedance/Notes
NA	

Field duplicates:

Within Criteria	Exceedance/Notes
N	• RI21114: For field duplicate sample pair BL-SD-6_5 and BL-SD-6_5-DUP, the RPD value for Aroclor 1254 was 52 percent. The results for this analyte in both samples were qualified as estimated (flagged "J"). • RI21114: For field duplicate sample pair SD-204 and SD-204 DUP, the RPD value to Aroclor 1254 was 91 percent. The results for this analyte in both samples were qualified as estimated (flagged "J"). • RK16050: For field duplicate sample pair SMITH A and SMITH A DUP, the absolute difference between the two results for Aroclor 1248 was greater than the practical quantitation limit. The results for this analyte in both samples were qualified as estimated (flagged "J" or "UJ").

Total versus dissolved metals results evaluation:

Within Criteria	Exceedance/Notes
NA	

1955 Evergreen Blvd., Ste. 300, Duluth, GA 30096
Tel 678.775.3080 Fax 678.775.3138
www.tetratech.com

DATA VALIDATION CHECKLIST – STAGE 2A

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
N	RI19043: The LCS results for batch 22376 had an out-of-control recovery for Aroclor 1016 (263 percent, above the acceptance range of 70 to 130 percent). No qualifications were applied because the associated Aroclor 1016 results (samples RI19043-001 through RI19043-020) were non-detect.

Toxicity equivalents (TEQs) and isomer specificity (dioxins/furans, cBaP, and PCB congeners only):

Within Criteria	Exceedance/Notes
NA	

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	Many of the solid samples results for PCBs in the twelve data packages were reported at a dilution. A review of the data packages indicates that practical quantitation limit (PQL) values appear to scale proportionally to the stated dilution factor. Refer to the attached laboratory sample result forms for the dilution factors for specific samples.

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

1955 Evergreen Blvd., Ste. 300, Duluth, GA 30096
Tel 678.775.3080 Fax 678.775.3138
www.tetratech.com

TETRA TECH

DATA VALIDATION CHECKLIST – STAGE 2A

Target analyte identification:

Within Criteria	Exceedance/Notes
N	For the following analytes in the following samples, a "P" flag was assigned to the results. This flag was defined by the laboratory as: "The RPD between the two GC columns exceeds 40%." The results for these analytes were qualified as estimated (flagged "J"). • RI19043: Aroclor 1254 in samples RI19043-017 and -018. • RK16050: Aroclor 1248 and Aroclor 1254 in sample RK16050-025; Aroclor 1254 in sample RK16050-029; Aroclor 1248 in sample RK16050-031; Aroclor 1254 in sample RK16050-040; Aroclor 1248 and Aroclor 1254 in sample RK16050-042; and Aroclor 1248 in sample RK16050-050. • RK16051: Aroclor 1254 in samples RK16051-003, -007, and -009.

MDLs/RLs:

Within Criteria	Exceedance/Notes
Y	

Tentatively identified compounds:

Within Criteria	Exceedance/Notes
NA	

1955 Evergreen Blvd., Ste. 300, Duluth, GA 30096
Tel 678.775.3080 Fax 678.775.3138
www.tetratech.com

DATA VALIDATION CHECKLIST – STAGE 2A

Overall Qualifications:

The attached laboratory sample result forms have been hand-annotated in purple ink, where appropriate, to indicate any additional data qualifications that were required due to the exceedances discussed above. The following is a list of qualifiers and definitions that may be used for the validation of this data package:

J	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample.
J+	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased high.
J-	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low.
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated value is the approximate concentration of the analyte in the sample.
R	The sample result is rejected as unusable due to serious deficiencies in one or more quality control criteria. The analyte may or may not be present in the sample.
U	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit).
UJ	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit), which is considered approximate due to deficiencies in one or more quality control criteria.

1955 Evergreen Blvd., Ste. 300, Duluth, GA 30096
Tel 678.775.3080 Fax 678.775.3138
www.tetratech.com

Client: **synTerra**
Description: **BL-DS-06**
Date Sampled: **08/22/2016 1150**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-001**
Matrix: **Solid**
% Solids: **64.7** **08/24/2016 2325**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	5000	08/31/2016 2218	MEM	08/29/2016 1840	20900

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		75000	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		75000	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		75000	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		75000	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**1900000**		**75000**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**880000**		**75000**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		75000	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	774	41-132
Tetrachloro-m-xylene	N	198	35-106

B 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Shealy Environmental Services, Inc.
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Client: synTerra
Description: BL-DS-09
Date Sampled: 08/22/2016 1453
Date Received: 08/24/2016

Laboratory ID: RH24015-002
Matrix: Solid
% Solids: 64.4 08/24/2016 2325

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		77	30-117
2-Fluorobiphenyl		72	33-102
2-Fluorophenol		67	25-104
Nitrobenzene-d5		76	22-109
Phenol-d5		74	27-103
Terphenyl-d14		81	41-120

NA JS 2/28/17

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	5000	08/31/2016 2231	MEM	08/29/2016 1840	20900

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		76000 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		76000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		76000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		76000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**1300000**		**76000**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**710000**		**76000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		76000 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	824	41-132
Tetrachloro-m-xylene	N	217	35-106

JS 2/28/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	1000	08/31/2016 1808	PMS	08/29/2016 1840	20904

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		1500	ug/kg	1
gamma-BHC (Lindane)	**58-89-9**	**8081B**	**3700**	**P**	**1500**	**ug/kg**	**1**
alpha-BHC	319-84-6	8081B	ND		1500	ug/kg	1
beta-BHC	319-85-7	8081B	ND		1500	ug/kg	1
delta-BHC	**319-86-8**	**8081B**	**3600**	**P**	**1500**	**ug/kg**	**1**
Chlordane	57-74-9	8081B	ND		3000	ug/kg	1
cis-Chlordane	5103-71-9	8081B	ND		1500	ug/kg	1
trans-Chlordane	**5103-74-2**	**8081B**	**21000**		**1500**	**ug/kg**	**1**
4,4'-DDD	72-54-8	8081B	ND		1500	ug/kg	1
4,4'-DDE	**72-55-9**	**8081B**	**16000**		**1500**	**ug/kg**	**1**
4,4'-DDT	**50-29-3**	**8081B**	**16000**		**1500**	**ug/kg**	**1**
Dieldrin	**60-57-1**	**8081B**	**37000**		**1500**	**ug/kg**	**1**
Endosulfan I	959-98-8	8081B	ND		1500	ug/kg	1

NA JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SD-09**
Date Sampled: **08/22/2016 1448**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-003**
Matrix: **Solid**
% Solids: **61.0** **08/24/2016 2325**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	2000	08/31/2016 2138	MEM	08/29/2016 1840	20900

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		31000 UA	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		31000	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		31000	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		31000	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**340000**		**31000**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**260000**		**31000**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		31000 UA	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	389	41-132
Tetrachloro-m-xylene		103	35-106

JB 2/23/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SD-05**
Date Sampled: **08/22/2016 1200**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-004**
Matrix: **Solid**
% Solids: **76.0** **08/24/2016 2325**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1000	08/31/2016 2125	MEM	08/29/2016 1840	20900

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		13000	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		13000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		13000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		13000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**150000**		**13000**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**150000**		**13000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		13000	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	380	41-132
Tetrachloro-m-xylene	N	127	35-106

2/28/17

POL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-DS-13**
Date Sampled: **08/22/2016 1537**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-005**
Matrix: **Solid**
% Solids: **66.4** **08/24/2016 2325**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	500	09/01/2016 0110	MEM	08/30/2016 2147	21021

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		7300 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		7300	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		7300	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		7300	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**81000**		**7300**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**56000**		**7300**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		7300 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		129	41-132
Tetrachloro-m-xylene	N	126	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SD-13**
Date Sampled: **08/22/2016 1532**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-006**
Matrix: **Solid**
% Solids: **58.4** **08/24/2016 2325**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	500	08/31/2016 2032	MEM	08/29/2016 1840	20900

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		8200 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		8200	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		8200	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		8200	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**110000**		**8200**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**73000**		**8200**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		8200 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	239	41-132
Tetrachloro-m-xylene	N	195	35-106

JD 2/28/17

POL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SD-16**
Date Sampled: **08/22/2016 1603**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-007**
Matrix: **Solid**
% Solids: **74.1** **08/29/2016 2201**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	500	09/01/2016 0124	MEM	08/30/2016 2147	21021

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		6700 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		6700	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		6700	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		6700	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**89000**		**6700**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**70000**		**6700**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		6700 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		112	41-132
Tetrachloro-m-xylene		79	35-106

B 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: BL-SD-01
Date Sampled: 08/22/2016 1141
Date Received: 08/24/2016

Laboratory ID: RH24015-008
Matrix: Solid
% Solids: 48.0 08/24/2016 2325

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	2000	9/01/2016 0137	MEM	08/30/2016 2147	21021

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		40000 u	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		40000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		40000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		40000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**550000**		**40000**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**360000**		**40000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		40000 u	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	204	41-132
Tetrachloro-m-xylene		91	35-106

D 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SD-04**
Date Sampled: **08/22/2016 1226**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-009**
Matrix: **Solid**
% Solids: **53.9** **08/24/2016 2325**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		72	30-117
2-Fluorobiphenyl		68	33-102
2-Fluorophenol		65	28-104
Nitrobenzene-d5		75	22-109
Phenol-d5		71	27-103
Terphenyl-d14		75	41-120

NA
JS 2/28/17

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1000	08/31/2016 2045	MEM	08/29/2016 1840	20900

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		18000	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		18000	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		18000	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		18000	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**260000**		**18000**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**240000**		**18000**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		18000	ug/kg	

U

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	413	41-132
Tetrachloro-m-xylene		76	35-106

JS 2/28/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	500	09/01/2016 1040	PMS	08/29/2016 1840	20904

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aldrin	309-00-2	8081B	ND		900	ug/kg	
gamma-BHC (Lindane)	58-89-9	8081B	ND		900	ug/kg	
alpha-BHC	319-84-6	8081B	ND		900	ug/kg	
beta-BHC	319-85-7	8081B	ND		900	ug/kg	
delta-BHC	319-86-8	8081B	ND		900	ug/kg	
Chlordane	57-74-9	8081B	ND		1800	ug/kg	
cis-Chlordane	5103-71-9	8081B	ND		900	ug/kg	
trans-Chlordane	**5103-74-2**	**8081B**	**6100**		**900**	**ug/kg**	
4,4'-DDD	72-54-8	8081B	ND		900	ug/kg	
4,4'-DDE	**72-55-9**	**8081B**	**5600**		**900**	**ug/kg**	
4,4'-DDT	**50-29-3**	**8081B**	**6900**		**900**	**ug/kg**	
Dieldrin	**60-57-1**	**8081B**	**11000**		**900**	**ug/kg**	
Endosulfan I	959-98-8	8081B	ND		900	ug/kg	

NA
JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-DS-18**
Date Sampled: **08/22/2016 1648**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-010**
Matrix: **Solid**
% Solids: **70.9** **08/24/2016 2325**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1000	09/01/2016 0150	MEM	08/30/2016 2147	21021

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		14000 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		14000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		14000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		14000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**110000**		**14000**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**82000**		**14000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		14000 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	136	41-132
Tetrachloro-m-xylene		44	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-DS-14**
Date Sampled: **08/22/2016 1550**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-011**
Matrix: **Solid**
% Solids: **69.8** **08/24/2016 2325**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	500	09/01/2016 0203	MEM	08/30/2016 2147	21021

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		7100 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		7100	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		7100	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		7100	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**85000**		**7100**	**ug/kg**	
Aroclor 1254	11097-69-1	8082A	~~ND~~		7100 U	ug/kg	
Aroclor 1260	11096-82-5	8082A	~~ND~~		7100 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		130	41-132
Tetrachloro-m-xylene		106	35-106

BS 2/23/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Shealy Environmental Services, Inc.
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Client: **synTerra**
Description: **BL-SD-01B**
Date Sampled: **08/23/2016 0740**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-012**
Matrix: **Solid**
% Solids: **53.5** **08/24/2016 2325**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		79	30-117
2-Fluorobiphenyl		69	33-102
2-Fluorophenol		67	28-104
Nitrobenzene-d5		69	22-109
Phenol-d5		71	27-103
Terphenyl-d14		76	41-120

NA
JS 2/28/17

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	500	08/31/2016 2019	MEM	08/29/2016 1840	20900

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		9200 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		9200	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		9200	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		9200	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**160000**		**9200**	**ug/kg**	**1**
Aroclor 1254	11097-69-1	8082A	~~ND~~		9200 U	ug/kg	1
Aroclor 1260	11096-82-5	8082A	~~ND~~		9200 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		124	41-132
Tetrachloro-m-xylene		104	35-106

JS 2/28/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	100	09/01/2016 1055	PMS	08/29/2016 1840	20904

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		180	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		180	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		180	ug/kg	1
beta-BHC	319-85-7	8081B	ND		180	ug/kg	1
delta-BHC	319-86-8	8081B	ND		180	ug/kg	1
Chlordane	57-74-9	8081B	ND		370	ug/kg	1
cis-Chlordane	5103-71-9	8081B	ND		180	ug/kg	1
trans-Chlordane	**5103-74-2**	**8081B**	**2400**		**180**	**ug/kg**	**1**
4,4'-DDD	72-54-8	8081B	ND		180	ug/kg	1
4,4'-DDE	**72-55-9**	**8081B**	**2100**		**180**	**ug/kg**	**1**
4,4'-DDT	**50-29-3**	**8081B**	**1700**		**180**	**ug/kg**	**1**
Dieldrin	**60-57-1**	**8081B**	**4300**		**180**	**ug/kg**	**1**
Endosulfan I	**959-98-8**	**8081B**	**500**	**P**	**180**	**ug/kg**	**1**

NA
JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-DS-01B**
Date Sampled: **08/23/2016 0746**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-013**
Matrix: **Solid**
% Solids: **80.8** **08/24/2016 2325**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		71	30-117
2-Fluorobiphenyl		78	33-102
2-Fluorophenol		67	28-104
Nitrobenzene-d5		79	22-109
Phenol-d5		76	27-103
Terphenyl-d14		81	41-120

NA

JS 2/28/17

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1000	08/31/2016 2058	MEM	08/29/2016 1840	20900

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		12000	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		12000	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		12000	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		12000	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**230000**		**12000**	**ug/kg**	
Aroclor 1254	11097-69-1	8082A	~~ND~~		12000	ug/kg	
Aroclor 1260	11096-82-5	8082A	~~ND~~		12000	ug/kg	

U U U U

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	268	41-132
Tetrachloro-m-xylene		57	35-106

JS 2/28/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	100	08/31/2016 1610	PMS	08/29/2016 1840	20904

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aldrin	309-00-2	8081B	ND		120	ug/kg	
gamma-BHC (Lindane)	**58-89-9**	**8081B**	**580**	**P**	**120**	**ug/kg**	
alpha-BHC	319-84-6	8081B	ND		120	ug/kg	
beta-BHC	319-85-7	8081B	ND		120	ug/kg	
delta-BHC	**319-86-8**	**8081B**	**360**	**P**	**120**	**ug/kg**	
Chlordane	57-74-9	8081B	ND		240	ug/kg	
cis-Chlordane	5103-71-9	8081B	ND		120	ug/kg	
trans-Chlordane	**5103-74-2**	**8081B**	**3200**		**120**	**ug/kg**	
4,4'-DDD	72-54-8	8081B	ND		120	ug/kg	
4,4'-DDE	**72-55-9**	**8081B**	**2400**		**120**	**ug/kg**	
4,4'-DDT	**50-29-3**	**8081B**	**2000**		**120**	**ug/kg**	
Dieldrin	**60-57-1**	**8081B**	**4600**		**120**	**ug/kg**	
Endosulfan I	959-98-8	8081B	ND		120	ug/kg	

NA

JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Shealy Environmental Services, Inc.
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Client: synTerra
Description: BL-DS-04-D
Date Sampled: 08/22/2016 1235
Date Received: 08/24/2016

Laboratory ID: RH24015-014
Matrix: Solid
% Solids: 62.1 08/24/2016 2325

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		73	30-117
2-Fluorobiphenyl		69	33-102
2-Fluorophenol		63	28-104
Nitrobenzene-d5		77	22-109
Phenol-d5		73	27-103
Terphenyl-d14		76	41-120

NA
JB 2/28/17

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	2000	08/31/2016 2152	MEM	08/29/2016 1840	20900

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		32000	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		32000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		32000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		32000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**560000**		**32000**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**450000**		**32000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		32000	ug/kg	1

U

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	613	41-132
Tetrachloro-m-xylene		102	35-106

JB 2/28/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	1000	09/01/2016 1109	PMS	08/29/2016 1840	20904

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		1600	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		1600	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		1600	ug/kg	1
beta-BHC	319-85-7	8081B	ND		1600	ug/kg	1
delta-BHC	319-86-8	8081B	ND		1600	ug/kg	1
Chlordane	57-74-9	8081B	ND		3200	ug/kg	1
cis-Chlordane	5103-71-9	8081B	ND		1600	ug/kg	1
trans-Chlordane	**5103-74-2**	**8081B**	**15000**		**1600**	**ug/kg**	**1**
4,4'-DDD	72-54-8	8081B	ND		1600	ug/kg	1
4,4'-DDE	**72-55-9**	**8081B**	**13000**		**1600**	**ug/kg**	**1**
4,4'-DDT	**50-29-3**	**8081B**	**16000**		**1600**	**ug/kg**	**1**
Dieldrin	**60-57-1**	**8081B**	**28000**		**1600**	**ug/kg**	**1**
Endosulfan I	**959-98-8**	**8081B**	**3300**	**P**	**1600**	**ug/kg**	**1**

NA
JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-DS-04**
Date Sampled: **08/22/2016 1235**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-015**
Matrix: **Solid**
% Solids: **62.3** **08/24/2016 2325**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		70	30-117
2-Fluorobiphenyl		69	33-102
2-Fluorophenol		69	28-104
Nitrobenzene-d5		64	22-109
Phenol-d5		68	27-103
Terphenyl-d14		73	41-120

NA
JB 2/23/17

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	2000	08/31/2016 2205	MEM	08/29/2016 1840	20900

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		30000 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		30000	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		30000	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		30000	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**780000**		**30000**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**730000**		**30000**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		30000 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	977	41-132
Tetrachloro-m-xylene	N	128	35-106

JB 2/28/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	1000	09/01/2016 1124	PMS	08/29/2016 1840	20904

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aldrin	309-00-2	8081B	ND		1500	ug/kg	
gamma-BHC (Lindane)	58-89-9	8081B	ND		1500	ug/kg	
alpha-BHC	319-84-6	8081B	ND		1500	ug/kg	
beta-BHC	319-85-7	8081B	ND		1500	ug/kg	
delta-BHC	319-86-8	8081B	ND		1500	ug/kg	
Chlordane	57-74-9	8081B	ND		3000	ug/kg	
cis-Chlordane	5103-71-9	8081B	ND		1500	ug/kg	
trans-Chlordane	**5103-74-2**	**8081B**	**15000**		**1500**	**ug/kg**	
4,4'-DDD	72-54-8	8081B	ND		1500	ug/kg	
4,4'-DDE	**72-55-9**	**8081B**	**14000**		**1500**	**ug/kg**	
4,4'-DDT	**50-29-3**	**8081B**	**15000**		**1500**	**ug/kg**	
Dieldrin	**60-57-1**	**8081B**	**28000**		**1500**	**ug/kg**	
Endosulfan I	**959-98-8**	**8081B**	**3300**	**P**	**1500**	**ug/kg**	

NA
2/28/17
JB

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Shealy Environmental Services, Inc.
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Client: **synTerra**
Description: **BL-SD-06**
Date Sampled: **08/22/2016 1140**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-016**
Matrix: **Solid**
% Solids: **61.6** **08/24/2016 2325**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		67	30-117
2-Fluorobiphenyl		62	33-102
2-Fluorophenol		60	28-104
Nitrobenzene-d5		58	22-109
Phenol-d5		64	27-103
Terphenyl-d14		75	41-120

NA JS 2/28/17

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	5000	08/31/2016 2245	MEM	08/29/2016 1840	20900

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		74000 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		74000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		74000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		74000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**1000000**		**74000**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**660000**		**74000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		74000 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	1170	41-132
Tetrachloro-m-xylene	N	267	35-106

JS 2/28/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	500	08/31/2016 1654	PMS	08/29/2016 1840	20904

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		740	ug/kg	1
gamma-BHC (Lindane)	**58-89-9**	**8081B**	**1200**	**P**	**740**	**ug/kg**	**1**
alpha-BHC	319-84-6	8081B	ND		740	ug/kg	1
beta-BHC	319-85-7	8081B	ND		740	ug/kg	1
delta-BHC	**319-86-8**	**8081B**	**1500**	**P**	**740**	**ug/kg**	**1**
Chlordane	57-74-9	8081B	ND		1500	ug/kg	1
cis-Chlordane	5103-71-9	8081B	ND		740	ug/kg	1
trans-Chlordane	**5103-74-2**	**8081B**	**17000**		**740**	**ug/kg**	**1**
4,4'-DDD	72-54-8	8081B	ND		740	ug/kg	1
4,4'-DDE	**72-55-9**	**8081B**	**14000**		**740**	**ug/kg**	**1**
4,4'-DDT	**50-29-3**	**8081B**	**14000**		**740**	**ug/kg**	**1**
Dieldrin	**60-57-1**	**8081B**	**27000**		**740**	**ug/kg**	**1**
Endosulfan I	959-98-8	8081B	ND		740	ug/kg	1

NA JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: BL-SD-18
Date Sampled: 08/22/2016 1643
Date Received: 08/24/2016

Laboratory ID: RH24015-017
Matrix: Solid
% Solids: 52.4 08/24/2016 2325

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		72	30-117
2-Fluorobiphenyl		60	33-102
2-Fluorophenol		66	28-104
Nitrobenzene-d5		61	22-109
Phenol-d5		67	27-103
Terphenyl-d14		67	41-128

NA
JB 2/28/17

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1000	08/31/2016 2112	MEM	08/29/2016 1840	20900

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		18000 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		18000	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		18000	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		18000	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**250000**		**18000**	**ug/kg**	
Aroclor 1254	11097-69-1	8082A	~~ND~~		18000 U	ug/kg	
Aroclor 1260	11096-82-5	8082A	~~ND~~		18000 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	309	41-132
Tetrachloro-m-xylene	N	123	35-106

JB 2/28/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	100	08/31/2016 1709	PMS	08/29/2016 1840	20904

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aldrin	309-00-2	8081B	ND		180	ug/kg	
gamma-BHC (Lindane)	58-89-9	8081B	ND		180	ug/kg	
alpha-BHC	319-84-6	8081B	ND		180	ug/kg	
beta-BHC	319-85-7	8081B	ND		180	ug/kg	
delta-BHC	**319-86-8**	**8081B**	NA **220**	**P**	**180**	**ug/kg**	
Chlordane	57-74-9	8081B	ND		360	ug/kg	
cis-Chlordane	5103-71-9	8081B	JB ND		180	ug/kg	
trans-Chlordane	**5103-74-2**	**8081B**	**4500**		**180**	**ug/kg**	
4,4'-DDD	72-54-8	8081B	ND		180	ug/kg	
4,4'-DDE	**72-55-9**	**8081B**	**3500**		**180**	**ug/kg**	
4,4'-DDT	**50-29-3**	**8081B**	**3900**		**180**	**ug/kg**	
Dieldrin	**60-57-1**	**8081B**	**7300**		**180**	**ug/kg**	
Endosulfan I	959-98-8	8081B	ND		180	ug/kg	

2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SD-19**
Date Sampled: **08/22/2016 1520**
Date Received: **08/24/2016**

Laboratory ID: **RH24015-018**
Matrix: **Solid**
% Solids: **78.0** **08/24/2016 2325**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		77	30-117
2-Fluorobiphenyl		73	33-102
2-Fluorophenol		69	28-104
Nitrobenzene-d5		75	22-109
Phenol-d5		76	27-103
Terphenyl-d14		86	41-120

NA
JS 2/28/17

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	08/31/2016 1952	MEM	08/29/2016 1840	20900

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		12 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		12	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**100**		**12**	**ug/kg**	**1**
Aroclor 1254	11097-69-1	8082A	~~ND~~		12 U	ug/kg	1
Aroclor 1260	11096-82-5	8082A	~~ND~~		12 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		98	41-132
Tetrachloro-m-xylene		92	35-106

JS 2/28/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	1	09/01/2016 1154	PMS	08/29/2016 1840	20904

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		1.2	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		1.2	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		1.2	ug/kg	1
beta-BHC	319-85-7	8081B	ND		1.2	ug/kg	1
delta-BHC	319-86-8	8081B	ND		1.2	ug/kg	1
Chlordane	57-74-9	8081B	ND		2.5	ug/kg	1
cis-Chlordane	5103-71-9	8081B	ND		1.2	ug/kg	1
trans-Chlordane	**5103-74-2**	**8081B**	**1.7**	**P**	**1.2**	**ug/kg**	**1**
4,4'-DDD	72-54-8	8081B	ND		1.2	ug/kg	1
4,4'-DDE	**72-55-9**	**8081B**	**6.7**		**1.2**	**ug/kg**	**1**
4,4'-DDT	**50-29-3**	**8081B**	**2.2**	**P**	**1.2**	**ug/kg**	**1**
Dieldrin	**60-57-1**	**8081B**	**3.5**		**1.2**	**ug/kg**	**1**
Endosulfan I	959-98-8	8081B	ND		1.2	ug/kg	1

NA
JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RH24015-019**
Description: **BL-DS-19**	Matrix: **Solid**
Date Sampled: **08/22/2016 1525**	% Solids: **75.5** **08/24/2016 2325**
Date Received: **08/24/2016**	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		70	30-117
2-Fluorobiphenyl		66	33-102
2-Fluorophenol		64	28-104
Nitrobenzene-d5		70	23-109
Phenol-d5		71	27-103
Terphenyl-d14		78	41-120

NA
JS 2/28/17

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	08/31/2016 2005	MEM	08/29/2016 1840	20900

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		12 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		12	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		12	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		12	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**67**		**12**	**ug/kg**	
Aroclor 1254	11097-69-1	8082A	~~ND~~		12 U	ug/kg	
Aroclor 1260	11096-82-5	8082A	~~ND~~		12 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		95	41-132
Tetrachloro-m-xylene		92	35-106

JS 2/28/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	1	09/01/2016 1209	PMS	08/29/2016 1840	20904

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aldrin	309-00-2	8081B	ND		1.2	ug/kg	
gamma-BHC (Lindane)	58-89-9	8081B	ND		1.2	ug/kg	
alpha-BHC	319-84-6	8081B	ND		1.2	ug/kg	
beta-BHC	319-85-7	8081B	ND		1.2	ug/kg	
delta-BHC	319-86-8	8081B	ND		1.2	ug/kg	
Chlordane	57-74-9	8081B	ND		2.5	ug/kg	
cis-Chlordane	5103-71-9	8081B	ND		1.2	ug/kg	
trans-Chlordane	5103-74-2	8081B	ND		1.2	ug/kg	
4,4'-DDD	72-54-8	8081B	ND		1.2	ug/kg	
4,4'-DDE	72-55-9	8081B	ND		1.2	ug/kg	
4,4'-DDT	**50-29-3**	**8081B**	**1.2**	**P**	**1.2**	**ug/kg**	
Dieldrin	**60-57-1**	**8081B**	**1.8**	**P**	**1.2**	**ug/kg**	
Endosulfan I	959-98-8	8081B	ND		1.2	ug/kg	

NA
JS 2/28/17

PQL = Practical quantitation limit | B = Detected in the method blank | E = Quantitation of compound exceeded the calibration range | H = Out of holding time
ND = Not detected at or above the PQL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-28**
Date Sampled: **08/23/2016 1115**
Date Received: **08/25/2016**

Laboratory ID: **RH25003-001**
Matrix: **Solid**
% Solids: **90.8** **08/25/2016 2155**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	5000	08/31/2016 2351	MEM	08/30/2016 2147	21021

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		54000	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		54000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		54000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		54000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**1500000**		**54000**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**1300000**		**54000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		54000	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	855	41-132
Tetrachloro-m-xylene		37	35-106

2/21/17

POL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-27D**
Date Sampled: **08/24/2016 0750**
Date Received: **08/25/2016**

Laboratory ID: **RH25003-002**
Matrix: **Solid**
% Solids: **85.8** **08/25/2016 2155**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	500	09/01/2016 0004	MEM	08/30/2016 2147	21021

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		5700	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		5700	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		5700	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		5700	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**68000**		**5700**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**37000**		**5700**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		5700	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		126	41-132
Tetrachloro-m-xylene	N	116	35-106

B 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SB-36**
Date Sampled: **08/24/2016 1320**
Date Received: **08/25/2016**

Laboratory ID: **RH25003-003**
Matrix: **Solid**
% Solids: **85.1** **08/25/2016 2155**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	08/31/2016 2324	MEM	08/30/2016 2147	21021

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		12	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		12	ug/kg	1
Aroclor 1248	12672-29-6	8082A	ND		12	ug/kg	1
Aroclor 1254	11097-69-1	8082A	ND		12	ug/kg	1
Aroclor 1260	11096-82-5	8082A	ND		12	ug/kg	1

4

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		75	41-132
Tetrachloro-m-xylene		73	35-106

D 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SB-28**
Date Sampled: **08/23/2016 1120**
Date Received: **08/25/2016**

Laboratory ID: **RH25003-004**
Matrix: **Solid**
% Solids: **93.9** **08/25/2016 2155**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1000	09/01/2016 0017	MEM	08/30/2016 2147	21021

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		10000 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		10000	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		10000	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		10000	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**82000**		**10000**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**67000**		**10000**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		10000 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	172	41-132
Tetrachloro-m-xylene		50	35-106

JB 2/27/17

POL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-39**
Date Sampled: **08/24/2016 1433**
Date Received: **08/25/2016**

Laboratory ID: **RH25003-005**
Matrix: **Solid**
% Solids: **95.5** **08/25/2016 2155**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	08/31/2016 2337	MEM	08/30/2016 2147	21021

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		10	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		10	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		10	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		10	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**20**		**10**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**27**		**10**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		10	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		62	41-132
Tetrachloro-m-xylene		62	35-106

JS 2/27/17

POL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-WA-3**
Date Sampled: **08/24/2016 1607**
Date Received: **08/25/2016**

Laboratory ID: **RH25003-006**
Matrix: **Solid**
% Solids: **94.6** **08/25/2016 2155**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		35	30-117
2-Fluorobiphenyl		40	33-102
2-Fluorophenol		30	28-104
Nitrobenzene-d5		35	22-109
Phenol-d5		34	27-103
Terphenyl-d14		45	41-120

NA
JB 2/27/17

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	5000	08/31/2016 2258	MEM	08/29/2016 1840	20900

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		53000	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		53000	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		53000	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		53000	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**750000**		**53000**	**ug/kg**	
Aroclor 1254	11097-69-1	8082A	ND		53000	ug/kg	
Aroclor 1260	11096-82-5	8082A	ND		53000	ug/kg	

U U U

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	599	41-132
Tetrachloro-m-xylene		82	35-106

JB 2/27/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	500	08/31/2016 1753	PMS	08/29/2016 1840	20904

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aldrin	309-00-2	8081B	ND		530	ug/kg	
gamma-BHC (Lindane)	**58-89-9**	**8081B**	**1400**	**P**	**530**	**ug/kg**	
alpha-BHC	319-84-6	8081B	ND		530	ug/kg	
beta-BHC	319-85-7	8081B	ND		530	ug/kg	
delta-BHC	**319-86-8**	**8081B**	**910**	**P**	**530**	**ug/kg**	
Chlordane	57-74-9	8081B	ND		1100	ug/kg	
cis-Chlordane	5103-71-9	8081B	ND		530	ug/kg	
trans-Chlordane	**5103-74-2**	**8081B**	**4500**	**P**	**530**	**ug/kg**	
4,4'-DDD	72-54-8	8081B	ND		530	ug/kg	
4,4'-DDE	**72-55-9**	**8081B**	**5700**		**530**	**ug/kg**	
4,4'-DDT	**50-29-3**	**8081B**	**3600**		**530**	**ug/kg**	
Dieldrin	**60-57-1**	**8081B**	**10000**		**530**	**ug/kg**	
Endosulfan I	959-98-8	8081B	ND		530	ug/kg	

NA
JB 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **BL-SS-70**
Date Sampled: **08/25/2016 1142**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-001**
Matrix: **Solid**
% Solids: **82.0** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	500	09/01/2016 0030	MEM	08/30/2016 2147	21021

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		6000	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		6000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		6000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		6000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**37000**		**6000**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**48000**		**6000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		6000	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		127	41-132
Tetrachloro-m-xylene		92	35-106

D 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **BL-SS-48A**
Date Sampled: **08/25/2016 1000**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-002**
Matrix: **Solid**
% Solids: **85.4** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	09/06/2016 1320	MEM	09/02/2016 1100	21229

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		560 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		560	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		560	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		560	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**4900**		**560**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**7900**		**560**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		560 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		129	41-132
Tetrachloro-m-xylene		93	35-106

D 4/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **BL-SS-74**
Date Sampled: **08/25/2016 1110**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-003**
Matrix: **Solid**
% Solids: **83.8** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	09/07/2016 0930	MEM	09/02/2016 1100	21229

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		590 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		590	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		590	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		590	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**2100**		**590**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**5300**		**590**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		590 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		106	41-132
Tetrachloro-m-xylene		95	35-106

D 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**	Laboratory ID: **RH26003-004**
Description: **BL-SS-58**	Matrix: **Solid**
Date Sampled: **08/25/2016 1550**	% Solids: **92.3** **08/26/2016 2125**
Date Received: **08/26/2016**	

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	09/07/2016 0943	MEM	09/02/2016 1100	21229

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		530 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		530	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		530	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		530	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**12000**		**530**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**7400**		**530**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		530 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		122	41-132
Tetrachloro-m-xylene		98	35-106

4/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **BL-SS-48B**
Date Sampled: **08/25/2016 1004**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-005**
Matrix: **Solid**
% Solids: **90.9** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	09/07/2016 0956	MEM	09/02/2016 1100	21229

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		540 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		540	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		540	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		540	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**4100**		**540**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**6700**		**540**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		540 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		122	41-132
Tetrachloro-m-xylene		103	35-106

JD 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **BL-SS-52B**
Date Sampled: **08/25/2016 1017**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-006**
Matrix: **Solid**
% Solids: **76.9** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/07/2016 1401	MEM	09/02/2016 1925	21292

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		130	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		130	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		130	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		130	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**850**		**130**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**1400**		**130**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		130	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		112	41-132
Tetrachloro-m-xylene		86	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **BL-SS-63**
Date Sampled: **08/24/2016 1600**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-007**
Matrix: **Solid**
% Solids: **85.2** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/06/2016 1254	MEM	09/02/2016 1100	21229

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		11 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		11	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		11	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		11	ug/kg	1
Aroclor 1248	12672-29-6	8082A	ND		11	ug/kg	1
Aroclor 1254	11097-69-1	8082A	ND		11	ug/kg	1
Aroclor 1260	11096-82-5	8082A	ND		11	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		68	41-132
Tetrachloro-m-xylene		66	35-106

JD 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**	Laboratory ID: **RH26003-008**
Description: **BL-SS-73**	Matrix: **Solid**
Date Sampled: **08/25/2016 1120**	% Solids: **86.4** **08/26/2016 2125**
Date Received: **08/26/2016**	

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/02/2016 2152	MEM	09/02/2016 1100	21229

Parameter	CAS Number	Analytical Method	Result	Q	PQL		Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		110	U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		110		ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		110		ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		110		ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		110		ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**2400**		**110**		**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		110	U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		61	41-132
Tetrachloro-m-xylene		64	35-106

JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **BL-SS-52**
Date Sampled: **08/25/2016 1700**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-009**
Matrix: **Solid**
% Solids: **83.2** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	500	09/07/2016 1010	MEM	09/02/2016 1100	21229

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		6000 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		6000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		6000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		6000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**41000**		**6000**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**63000**		**6000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		6000 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		123	41-132
Tetrachloro-m-xylene	N	126	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **BL-SB-80**
Date Sampled: **08/23/2016 1152**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-010**
Matrix: **Solid**
% Solids: **88.3** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	100	09/07/2016 1023	MEM	09/02/2016 1100	21229

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		1100 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		1100	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		1100	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		1100	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**20000**		**1100**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**22000**		**1100**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		1100 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		121	41-132
Tetrachloro-m-xylene	N	120	35-106

JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **BL-SS-59**
Date Sampled: **08/24/2016 1545**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-011**
Matrix: **Solid**
% Solids: **96.6** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/06/2016 1307	MEM	09/02/2016 1100	21229

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		9.5 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		9.5	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		9.5	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		9.5	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		9.5	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**33**		**9.5**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		9.5 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		75	41-132
Tetrachloro-m-xylene		77	35-106

D 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **BL-SS-52A**
Date Sampled: **08/25/2016 1025**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-012**
Matrix: **Solid**
% Solids: **85.5** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1000	09/07/2016 1036	MEM	09/02/2016 1100	21229

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		11000 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		11000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		11000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		11000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**110000**		**11000**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**110000**		**11000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		11000 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	1320	41-132
Tetrachloro-m-xylene	N	1110	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **BL-SS-75**
Date Sampled: **08/25/2016 1108**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-013**
Matrix: **Solid**
% Solids: **84.5** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1000	09/07/2016 1049	MEM	09/02/2016 1100	21229

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		11000 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		11000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		11000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		11000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**160000**		**11000**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**180000**		**11000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		11000 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	224	41-132
Tetrachloro-m-xylene		71	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **BL-SS-53A**
Date Sampled: **08/25/2016 1020**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-015**
Matrix: **Solid**
% Solids: **86.4** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/07/2016 1414	MEM	09/02/2016 1925	21292

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		110 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		110	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		110	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		110	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**180**		**110**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**300**		**110**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		110 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		94	41-132
Tetrachloro-m-xylene		89	35-106

JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **BL-SS-11A**
Date Sampled: **08/25/2016 1207**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-016**
Matrix: **Solid**
% Solids: **92.8** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1000	09/07/2016 1640	MEM	09/02/2016 1925	21292

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		11000 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		11000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		11000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		11000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**130000**		**11000**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**100000**		**11000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		11000 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	277	41-132
Tetrachloro-m-xylene	N	110	35-106

JD 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **BL-WA-01**
Date Sampled: **08/24/2016 1318**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-017**
Matrix: **Solid**
% Solids: **98.3** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1000	09/02/2016 1914	MEM	09/01/2016 1342	21164

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		10000	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		10000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		10000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		10000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**260000**		**10000**	**ug/kg**	**1**
Aroclor 1254	11097-69-1	8082A	~~ND~~		10000	ug/kg	1
Aroclor 1260	11096-82-5	8082A	~~ND~~		10000	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	453	41-132
Tetrachloro-m-xylene	N	570	35-106

JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **BL-SS-48**
Date Sampled: **08/24/2016 1648**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-018**
Matrix: **Solid**
% Solids: **92.9** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	2000	09/02/2016 1502	MEM	08/31/2016 2206	21111

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		21000	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		21000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		21000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		21000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**490000**		**21000**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**590000**		**21000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		21000	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	524	41-132
Tetrachloro-m-xylene		71	35-106

JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **BL-WA-2**
Date Sampled: **08/24/2016 1301**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-019**
Matrix: **Solid**
% Solids: **98.6** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	100	09/02/2016 1927	MEM	09/01/2016 1342	21164

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		1000 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		1000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		1000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		1000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**14000**		**1000**	**ug/kg**	**1**
Aroclor 1254	11097-69-1	8082A	~~ND~~		1000 U	ug/kg	1
Aroclor 1260	11096-82-5	8082A	~~ND~~		1000 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	170	41-132
Tetrachloro-m-xylene		51	35-106

JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **BL-SS-57**
Date Sampled: **08/25/2016 1053**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-020**
Matrix: **Solid**
% Solids: **80.6** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	20	09/02/2016 1515	MEM	08/31/2016 2206	21111

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		240 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		240	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		240	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		240	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**4500**		**240**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**3700**		**240**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		240 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		86	41-132
Tetrachloro-m-xylene		77	35-106

JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **BL-BKG-SS**
Date Sampled: **08/25/2016 0857**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-021**
Matrix: **Solid**
% Solids: **99.0** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/02/2016 1635	MEM	08/31/2016 2206	21111

Parameter	CAS Number	Analytical Method	Result	Q	PQL		Units	Run
Aroclor 1016	12674-11-2	8082A	ND		9.7	UJ	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		9.7	UJ	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		9.7	UJ	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		9.7	UJ	ug/kg	1
Aroclor 1248	12672-29-6	8082A	ND		9.7	UJ	ug/kg	1
Aroclor 1254	11097-69-1	8082A	ND		9.7	UJ	ug/kg	1
Aroclor 1260	11096-82-5	8082A	ND		9.7	UJ	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		77	41-132
Tetrachloro-m-xylene		77	35-106

JS 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **BL-BKG-SD**
Date Sampled: **08/25/2016 0820**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-022**
Matrix: **Solid**
% Solids: **64.5** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/02/2016 1714	MEM	08/31/2016 2206	21111

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		15 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		15	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		15	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		15	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**19**		**15**	**ug/kg**	**1**
Aroclor 1254	11097-69-1	8082A	~~ND~~		15 U	ug/kg	1
Aroclor 1260	11096-82-5	8082A	~~ND~~		15 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		73	41-132
Tetrachloro-m-xylene		76	35-106

JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **BL-BKG-SB**
Date Sampled: **08/25/2016 0905**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-023**
Matrix: **Solid**
% Solids: **87.8** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/02/2016 1728	MEM	08/31/2016 2206	21111

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		11 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		11	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		11	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		11	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**15**		**11**	**ug/kg**	**1**
Aroclor 1254	11097-69-1	8082A	~~ND~~		11 U	ug/kg	1
Aroclor 1260	11096-82-5	8082A	~~ND~~		11 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		73	41-132
Tetrachloro-m-xylene		68	35-106

JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **BL-SS-67**
Date Sampled: **08/24/2016 1336**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-024**
Matrix: **Solid**
% Solids: **86.2** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/01/2016 2120	MEM	08/31/2016 2206	21111

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		110 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		110	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		110	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		110	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**1700**		**110**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**2200**		**110**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		110 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		84	41-132
Tetrachloro-m-xylene		80	35-106

JS 4/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **BL-SS-53**
Date Sampled: **08/24/2016 1657**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-025**
Matrix: **Solid**
% Solids: **88.1** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	500	09/02/2016 1528	MEM	08/31/2016 2206	21111

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		5700	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		5700	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		5700	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		5700	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**42000**		**5700**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**48000**		**5700**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		5700	ug/kg	1

u

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		106	41-132
Tetrachloro-m-xylene		51	35-106

JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **BL-SD-19**
Date Sampled: **08/22/2016 1520**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-026**
Matrix: **Solid**
% Solids: **77.6** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/02/2016 1900	MEM	09/01/2016 1342	21164

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		13 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		13	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		13	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		13	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**47**		**13**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**45**		**13**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		13 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		90	41-132
Tetrachloro-m-xylene		93	35-106

JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **BL-DS-19**
Date Sampled: **08/22/2016 1525**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-027**
Matrix: **Solid**
% Solids: **75.9** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/02/2016 1741	MEM	08/31/2016 2206	21111

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		13	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		13	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		13	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		13	ug/kg	1
Aroclor 1248	12672-29-6	8082A	ND		13	ug/kg	1
Aroclor 1254	11097-69-1	8082A	ND		13	ug/kg	1
Aroclor 1260	11096-82-5	8082A	ND		13	ug/kg	1

u

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		79	41-132
Tetrachloro-m-xylene		81	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **BL-SS-75A**
Date Sampled: **08/25/2016 1618**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-029**
Matrix: **Solid**
% Solids: **84.5** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	20	09/07/2016 1440	MEM	09/02/2016 1925	21292

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		240 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		240	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		240	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		240	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**2100**		**240**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**2900**		**240**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		240 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		105	41-132
Tetrachloro-m-xylene		91	35-106

JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **BL-SS-75B**
Date Sampled: **08/25/2016 1612**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-030**
Matrix: **Solid**
% Solids: **86.4** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/07/2016 1454	MEM	09/02/2016 1925	21292

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		120	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		120	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		120	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		120	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**610**		**120**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**1800**		**120**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		120	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		97	41-132
Tetrachloro-m-xylene		87	35-106

JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **BL-SS-75C**
Date Sampled: **08/25/2016 1612**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-031**
Matrix: **Solid**
% Solids: **87.9** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/07/2016 1507	MEM	09/02/2016 1925	21292

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		11 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		11	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		11	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		11	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		11	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**88**		**11**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		11 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		73	41-132
Tetrachloro-m-xylene		75	35-106

B 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **BL-SS-75D**
Date Sampled: **08/25/2016 1622**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-032**
Matrix: **Solid**
% Solids: **90.0** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/07/2016 1520	MEM	09/02/2016 1925	21292

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		110	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		110	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		110	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		110	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**410**		**110**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**610**		**110**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		110	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		84	41-132
Tetrachloro-m-xylene		87	35-106

B 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **BL-SS-67-DUP**
Date Sampled: **08/24/2016 1336**
Date Received: **08/26/2016**

Laboratory ID: **RH26003-033**
Matrix: **Solid**
% Solids: **87.3** **08/26/2016 2125**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/01/2016 2159	MEM	08/31/2016 2206	21111

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		110 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		110	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		110	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		110	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**1200**		**110**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**1600**		**110**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		110 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		76	41-132
Tetrachloro-m-xylene		67	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-48C**
Date Sampled: **09/19/2016 1435**
Date Received: **09/19/2016**

Laboratory ID: **RI19043-001**
Matrix: **Solid**
% Solids: **87.3** **09/19/2016 2228**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10000	09/20/2016 1749	MEM	09/19/2016 2039	22376

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		110000	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		110000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		110000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		110000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**2100000**		**110000**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**1600000**		**110000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		110000	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	2940	41-132
Tetrachloro-m-xylene	N	0.00	35-106

2/27/17

03/20/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RI19043-002**
Description: **BL-SS-48D**	Matrix: **Solid**
Date Sampled: **09/19/2016 1430**	% Solids: **88.9** **09/19/2016 2228**
Date Received: **09/19/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B:3665A	8082A	50	09/20/2016 1210	MEM	09/19/2016 2039	22376

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		540 UA	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		540	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		540	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		540	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		540	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**2600**	**J+**	**540**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		540 UA	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	345	41-132
Tetrachloro-m-xylene		97	35-106

2/27/17

03/20/17

POL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: BL-SS-48E
Date Sampled: 09/19/2016 1415
Date Received: 09/19/2016

Laboratory ID: RI19043-003
Matrix: Solid
% Solids: 83.3 09/19/2016 2228

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	2500	09/20/2016 1829	MEM	09/19/2016 2039	22376

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		29000	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		29000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		29000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		29000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**430000**	B J+	**29000**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**420000**	J+	**29000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		29000	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	972	41-132
Tetrachloro-m-xylene	N	194	35-106

B 2/27/17

03/20/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RI19043-004**
Description: **BL-SS-48F**	Matrix: **Solid**
Date Sampled: **09/19/2016 1405**	% Solids: **76.1** **09/19/2016 2228**
Date Received: **09/19/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	09/20/2016 1237	MEM	09/19/2016 2039	22376

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		640 UA	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		640	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		640	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		640	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		640	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**3500**	**J+**	**640**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		640 UA	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	513	41-132
Tetrachloro-m-xylene		93	35-106

JS 2/27/17

03/20/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RI19043-005**
Description: **BL-SS-52C**	Matrix: **Solid**
Date Sampled: **09/19/2016 1503**	% Solids: **77.7** **09/19/2016 2228**
Date Received: **09/19/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/20/2016 1843	MEM	09/19/2016 2039	22376

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		~~120~~ U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		120	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		120	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		120	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		120	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**1400**	I+	**120**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		~~120~~ U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		117	41-132
Tetrachloro-m-xylene		89	35-106

2/27/17

03/20/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-52D**
Date Sampled: **09/19/2016 1513**
Date Received: **09/19/2016**

Laboratory ID: **RI19043-006**
Matrix: **Solid**
% Solids: **79.1** **09/19/2016 2228**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/20/2016 1856	MEM	09/19/2016 2039	22376

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		120 LA	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		120	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		120	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		120	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		120	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**470**	**I+**	**120**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		120 LA	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		113	41-132
Tetrachloro-m-xylene		89	35-106

B 2/27/17

0.5/20/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-52E**
Date Sampled: **09/19/2016 1443**
Date Received: **09/19/2016**

Laboratory ID: **RI19043-007**
Matrix: **Solid**
% Solids: **73.0** **09/19/2016 2228**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/20/2016 1910	MEM	09/19/2016 2039	22376

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		130 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		130	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		130	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		130	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		130	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**1700**	**J+**	**130**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		130 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		127	41-132
Tetrachloro-m-xylene		85	35-106

JS 2/27/17

03/20/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-52F**
Date Sampled: **09/19/2016 1435**
Date Received: **09/19/2016**

Laboratory ID: **RI19043-008**
Matrix: **Solid**
% Solids: **83.6** **09/19/2016 2228**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	500	09/20/2016 1923	MEM	09/19/2016 2039	22376

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		5900	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		5900	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		5900	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		5900	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**48000**	~~B~~ J+	**5900**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**110000**	J+	**5900**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		5900	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	376	41-132
Tetrachloro-m-xylene	N	131	35-106

JD 4/27/17

JW
03/20/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-52G**
Date Sampled: **09/19/2016 1523**
Date Received: **09/19/2016**

Laboratory ID: **RI19043-009**
Matrix: **Solid**
% Solids: **77.7** **09/19/2016 2228**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/20/2016 1937	MEM	09/19/2016 2039	22376

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		120 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		120	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		120	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		120	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		120	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**290**	J	**120**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		120 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		128	41-132
Tetrachloro-m-xylene		83	35-106

02/27/17

03/20/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-74B**
Date Sampled: **09/19/2016 1221**
Date Received: **09/19/2016**

Laboratory ID: **RI19043-010**
Matrix: **Solid**
% Solids: **91.2** **09/19/2016 2228**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/20/2016 1950	MEM	09/19/2016 2039	22376

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		100	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		100	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		100	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		100	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		100	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**860**	I+	**100**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		100	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		132	41-132
Tetrachloro-m-xylene		91	35-106

JB 2/27/17

03/20/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **FORD A**
Date Sampled: **09/19/2016 1535**
Date Received: **09/19/2016**

Laboratory ID: **RI19043-011**
Matrix: **Solid**
% Solids: **74.6** **09/19/2016 2228**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	09/20/2016 1451	MEM	09/19/2016 2039	22376

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		630 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		630	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		630	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		630	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		630	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**5800**	**J+**	**630**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		630 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	159	41-132
Tetrachloro-m-xylene		94	35-106

JS 4/27/17

03/20/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **FORD B**
Date Sampled: **09/19/2016 1540**
Date Received: **09/19/2016**

Laboratory ID: **RI19043-012**
Matrix: **Solid**
% Solids: **75.0** **09/19/2016 2228**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	09/20/2016 1505	MEM	09/19/2016 2039	22376

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		650 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		650	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		650	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		650	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		650	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**12000**	**J+**	**650**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		650 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	168	41-132
Tetrachloro-m-xylene		93	35-106

(I) 2/17/17

03/20/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RI19043-013**
Description: **SANTOS D**	Matrix: **Solid**
Date Sampled: **09/19/2016 1543**	% Solids: **70.7** **09/19/2016 2228**
Date Received: **09/19/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	09/20/2016 1518	MEM	09/19/2016 2039	22376

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		670 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		670	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		670	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		670	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		670	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**6200**	**I**	**670**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		670 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	166	41-132
Tetrachloro-m-xylene		97	35-106

JS 2/27/17

03/20/17

POL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < POL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SHORT A**
Date Sampled: **09/19/2016 1240**
Date Received: **09/19/2016**

Laboratory ID: **RI19043-014**
Matrix: **Solid**
% Solids: **92.5** **09/19/2016 2228**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	09/20/2016 1532	MEM	09/19/2016 2039	22376

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		510	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		510	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		510	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		510	ug/kg	1
Aroclor 1248	12672-29-6	8082A	ND		510	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**5800**	**J**	**510**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		510	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	174	41-132
Tetrachloro-m-xylene		97	35-106

4/27/17

03/20/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RI19043-015**
Description: **SHORT B**	Matrix: **Solid**
Date Sampled: **09/19/2016 1248**	% Solids: **89.8** **09/19/2016 2228**
Date Received: **09/19/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	500	09/20/2016 2004	MEM	09/19/2016 2039	22376

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		5400	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		5400	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		5400	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		5400	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**46000**	J	**5400**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**91000**	J	**5400**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		5400	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	372	41-132
Tetrachloro-m-xylene	N	108	35-106

4/21/17

03/20/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RI19043-016**
Description: **SHORT D**	Matrix: **Solid**
Date Sampled: **09/19/2016 1250**	% Solids: **82.0** **09/19/2016 2228**
Date Received: **09/19/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	2500	09/21/2016 0824	MEM	09/19/2016 2039	22376

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		30000 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		30000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		30000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		30000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**210000**	~~B~~ J+	**30000**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**280000**	J+	**30000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		30000 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	439	41-132
Tetrachloro-m-xylene		97	35-106

JB 2/23 2/27/17

03/20/17

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
Where applicable, all spil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SHORT F**
Date Sampled: **09/19/2016 1300**
Date Received: **09/19/2016**

Laboratory ID: **RI19043-017**
Matrix: **Solid**
% Solids: **93.0** **09/19/2016 2228**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	09/20/2016 1614	MEM	09/19/2016 2039	22376

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		540 UA	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		540	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		540	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		540	ug/kg	1
Aroclor 1248	12672-29-6	8082A	ND		540	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**1000**	**J**	**540**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		540 UA	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		132	41-132
Tetrachloro-m-xylene		80	35-106

D 2/27/17

03/20/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **LANE A**
Date Sampled: **09/19/2016 1017**
Date Received: **09/19/2016**

Laboratory ID: **RI19043-018**
Matrix: **Solid**
% Solids: **96.8** **09/19/2016 2228**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	09/20/2016 1628	MEM	09/19/2016 2039	22376

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		500 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		500	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		500	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		500	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		500	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**830**		**500**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		500 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	162	41-132
Tetrachloro-m-xylene		102	35-106

JB 2/27/17

gaw 03/20/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **LANE B**
Date Sampled: **09/19/2016 1015**
Date Received: **09/19/2016**

Laboratory ID: **RI19043-019**
Matrix: **Solid**
% Solids: **95.3** **09/19/2016 2228**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/21/2016 1037	MEM	09/19/2016 2039	22376

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		9.6 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		9.6	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		9.6	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		9.6	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		9.6	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**16**	**J+**	**9.6**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		9.6 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		87	41-132
Tetrachloro-m-xylene		81	35-106

2/21/17

03/20/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **LANE D**
Date Sampled: **09/19/2016 1055**
Date Received: **09/19/2016**

Laboratory ID: **RI19043-020**
Matrix: **Solid**
% Solids: **87.7** **09/19/2016 2228**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	09/20/2016 1655	MEM	09/19/2016 2039	22376

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		540 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		540	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		540	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		540	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		540	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**1400**	**J+**	**540**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		540 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		125	41-132
Tetrachloro-m-xylene		92	35-106

JS 2/22/17

gaw
03/20/17

POL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-74C**
Date Sampled: **09/19/2016 1230**
Date Received: **09/19/2016**

Laboratory ID: **RI19043-021**
Matrix: **Solid**
% Solids: **86.4** **09/19/2016 2228**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	2500	09/21/2016 0917	MEM	09/20/2016 1707	22445

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		28000 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		28000	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		28000	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		28000	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**230000**	~~B~~	**28000**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**330000**		**28000**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		28000 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	381	41-132
Tetrachloro-m-xylene		85	35-106

(B) 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-74D**
Date Sampled: **09/19/2016 1230**
Date Received: **09/19/2016**

Laboratory ID: **RI19043-022**
Matrix: **Solid**
% Solids: **78.5** **09/19/2016 2228**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	09/21/2016 0957	MEM	09/20/2016 1707	22445

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		620	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		620	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		620	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		620	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**7900**	B	**620**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**13000**		**620**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		620	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		116	41-132
Tetrachloro-m-xylene		82	35-106

JB 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-74A**
Date Sampled: **09/19/2016 1220**
Date Received: **09/19/2016**

Laboratory ID: **RI19043-023**
Matrix: **Solid**
% Solids: **91.5** **09/19/2016 2228**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	5	09/21/2016 1010	MEM	09/20/2016 1707	22445

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		54 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		54	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		54	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		54	ug/kg	
Aroclor 1248	12672-29-6	8082A	~~ND~~		54	ug/kg	
Aroclor 1254	**11097-69-1**	**8082A**	**260**		**54**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		54 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		89	41-132
Tetrachloro-m-xylene		73	35-106

SS 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-75E**
Date Sampled: **09/19/2016 1310**
Date Received: **09/19/2016**

Laboratory ID: **RI19043-024**
Matrix: **Solid**
% Solids: **86.1** **09/19/2016 2228**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	5	09/21/2016 1050	MEM	09/20/2016 1707	22445

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		56 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		56	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		56	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		56	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		56	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**1100**		**56**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		56 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		92	41-132
Tetrachloro-m-xylene		77	35-106

B 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-75F**
Date Sampled: **09/19/2016 1314**
Date Received: **09/19/2016**

Laboratory ID: **RI19043-025**
Matrix: **Solid**
% Solids: **84.0** **09/19/2016 2228**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/21/2016 1103	MEM	09/20/2016 1707	22445

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		120 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		120	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		120	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		120	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**550**	~~B~~ J	**120**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**1300**		**120**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		120 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		81	41-132
Tetrachloro-m-xylene		45	35-106

12/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-75G**
Date Sampled: **09/19/2016 1320**
Date Received: **09/19/2016**

Laboratory ID: **RI19043-026**
Matrix: **Solid**
% Solids: **77.5** **09/19/2016 2228**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/21/2016 1117	MEM	09/20/2016 1707	22445

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		120 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		120	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		120	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		120	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		120	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**210**		**120**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		120 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		98	41-132
Tetrachloro-m-xylene		72	35-106

JD 4/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-75H**
Date Sampled: **09/19/2016 1315**
Date Received: **09/19/2016**

Laboratory ID: **RI19043-027**
Matrix: **Solid**
% Solids: **86.0** **09/19/2016 2228**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	5	09/21/2016 1130	MEM	09/20/2016 1707	22445

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		57 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		57	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		57	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		57	ug/kg	
Aroclor 1248	12672-29-6	8082A	~~ND~~		57	ug/kg	
Aroclor 1254	**11097-69-1**	**8082A**	**85**		**57**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		57 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		91	41-132
Tetrachloro-m-xylene		80	35-106

JD 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BUCHANON A**
Date Sampled: **09/19/2016 1114**
Date Received: **09/19/2016**

Laboratory ID: **RI19043-028**
Matrix: **Solid**
% Solids: **84.7** **09/19/2016 2228**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/21/2016 1143	MEM	09/20/2016 1707	22445

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		11	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		11	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		11	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		11	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		11	ug/kg	1
Aroclor 1254	11097-69-1	8082A	~~ND~~		11	ug/kg	1
Aroclor 1260	11096-82-5	8082A	~~ND~~		11	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		71	41-132
Tetrachloro-m-xylene		70	35-106

2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BUCHANON B**
Date Sampled: **09/19/2016 1115**
Date Received: **09/19/2016**

Laboratory ID: **RI19043-029**
Matrix: **Solid**
% Solids: **78.8** **09/19/2016 2228**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/21/2016 1156	MEM	09/20/2016 1707	22445

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		12	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		12	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		12	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		12	ug/kg	
Aroclor 1248	12672-29-6	8082A	~~ND~~		12	ug/kg	
Aroclor 1254	**11097-69-1**	**8082A**	**19**		**12**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		12	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		66	41-132
Tetrachloro-m-xylene		65	35-106

D 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BUCHANON F**
Date Sampled: **09/19/2016 1125**
Date Received: **09/19/2016**

Laboratory ID: **RI19043-030**
Matrix: **Solid**
% Solids: **75.6** **09/19/2016 2228**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	3546	3660B/3665A	8082A	1	09/22/2016 1320	MEM	09/21/2016 2149	22563

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		13 U	ug/kg	2
Aroclor 1221	11104-28-2	8082A	~~ND~~		13	ug/kg	2
Aroclor 1232	11141-16-5	8082A	~~ND~~		13	ug/kg	2
Aroclor 1242	53469-21-9	8082A	~~ND~~		13	ug/kg	2
Aroclor 1248	12672-29-6	8082A	~~ND~~		13	ug/kg	2
Aroclor 1254	**11097-69-1**	**8082A**	**17**		**13**	**ug/kg**	**2**
Aroclor 1260	11096-82-5	8082A	~~ND~~		13 U	ug/kg	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
Decachlorobiphenyl		79	41-132
Tetrachloro-m-xylene		85	35-106

JB 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **LANE F**
Date Sampled: **09/19/2016 1050**
Date Received: **09/19/2016**

Laboratory ID: **RI19043-031**
Matrix: **Solid**
% Solids: **86.2** **09/19/2016 2228**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	09/21/2016 1223	MEM	09/20/2016 1707	22445

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		570	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		570	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		570	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		570	ug/kg	
Aroclor 1248	12672-29-6	8082A	~~ND~~		570	ug/kg	
Aroclor 1254	**11097-69-1**	**8082A**	**1400**		**570**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		570	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		101	41-132
Tetrachloro-m-xylene		79	35-106

(D) 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **TILLMAN C**
Date Sampled: **09/19/2016 1455**
Date Received: **09/19/2016**

Laboratory ID: **RI19043-032**
Matrix: **Solid**
% Solids: **66.3** **09/19/2016 2228**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	3546	3660B/3665A	8082A	1	09/22/2016 1333	MEM	09/21/2016 2149	22563

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		15 U	ug/kg	2
Aroclor 1221	11104-28-2	8082A	~~ND~~		15	ug/kg	2
Aroclor 1232	11141-16-5	8082A	~~ND~~		15	ug/kg	2
Aroclor 1242	53469-21-9	8082A	~~ND~~		15	ug/kg	2
Aroclor 1248	**12672-29-6**	**8082A**	**140**		**15**	**ug/kg**	**2**
Aroclor 1254	**11097-69-1**	**8082A**	**320**		**15**	**ug/kg**	**2**
Aroclor 1260	11096-82-5	8082A	~~ND~~		15 U	ug/kg	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
Decachlorobiphenyl		88	41-132
Tetrachloro-m-xylene		85	35-106

JS 11/21/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **TILLMAN D**
Date Sampled: **09/19/2016 1505**
Date Received: **09/19/2016**

Laboratory ID: **RI19043-033**
Matrix: **Solid**
% Solids: **69.9** **09/19/2016 2228**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	3546	3660B/3665A	8082A	1	09/22/2016 1347	MEM	09/21/2016 2149	22563

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		14 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		14	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		14	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		14	ug/kg	
Aroclor 1248	12672-29-6	8082A	~~ND~~		14	ug/kg	
Aroclor 1254	**11097-69-1**	**8082A**	21		**14**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		14 U	ug/kg	

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
Decachlorobiphenyl		83	41-132
Tetrachloro-m-xylene		79	35-106

2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **TILLMAN 2B**
Date Sampled: **09/19/2016 1445**
Date Received: **09/19/2016**

Laboratory ID: **RI19043-034**
Matrix: **Solid**
% Solids: **67.1** **09/19/2016 2228**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1000	09/21/2016 1316	MEM	09/20/2016 1707	22445

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		15000	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		15000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		15000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		15000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**170000**	~~B~~	**15000**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**210000**		**15000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		15000	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	387	41-132
Tetrachloro-m-xylene		103	35-106

4/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SCHOOL 1A**
Date Sampled: **09/19/2016 1535**
Date Received: **09/19/2016**

Laboratory ID: **RI19043-035**
Matrix: **Solid**
% Solids: **81.4** **09/19/2016 2228**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/21/2016 1329	MEM	09/20/2016 1707	22445

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		12	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		12	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		12	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		12	ug/kg	
Aroclor 1248	12672-29-6	8082A	ND		12	ug/kg	
Aroclor 1254	11097-69-1	8082A	ND		12	ug/kg	
Aroclor 1260	11096-82-5	8082A	ND		12	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		80	41-132
Tetrachloro-m-xylene		76	35-106

4

JB 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SCHOOL 1B**
Date Sampled: **09/19/2016 1535**
Date Received: **09/19/2016**

Laboratory ID: **RI19043-036**
Matrix: **Solid**
% Solids: **82.3** **09/19/2016 2228**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	09/21/2016 1343	MEM	09/20/2016 1707	22445

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		600	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		600	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		600	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		600	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**1300**	B	**600**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**2000**		**600**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		600	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		91	41-132
Tetrachloro-m-xylene		87	35-106

JD 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-73B**
Date Sampled: **09/19/2016 1210**
Date Received: **09/19/2016**

Laboratory ID: **RI19043-037**
Matrix: **Solid**
% Solids: **54.8** **09/19/2016 2228**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/21/2016 1356	MEM	09/20/2016 1707	22445

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		180 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		180	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		180	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		180	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**340**	~~B~~	**180**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**340**		**180**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		180 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		85	41-132
Tetrachloro-m-xylene		83	35-106

JS 2/22/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-73C**
Date Sampled: **09/19/2016 1215**
Date Received: **09/19/2016**

Laboratory ID: **RI19043-038**
Matrix: **Solid**
% Solids: **88.6** **09/19/2016 2228**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	3546	3660B/3665A	8082A	1	09/22/2016 1400	MEM	09/21/2016 2149	22563

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		11 U	ug/kg	2
Aroclor 1221	11104-28-2	8082A	~~ND~~		11	ug/kg	2
Aroclor 1232	11141-16-5	8082A	~~ND~~		11	ug/kg	2
Aroclor 1242	53469-21-9	8082A	~~ND~~		11	ug/kg	2
Aroclor 1248	**12672-29-6**	**8082A**	23		**11**	**ug/kg**	**2**
Aroclor 1254	**11097-69-1**	**8082A**	62		**11**	**ug/kg**	**2**
Aroclor 1260	11096-82-5	8082A	~~ND~~		11 U	ug/kg	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
Decachlorobiphenyl		75	41-132
Tetrachloro-m-xylene		75	35-106

JS 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-73A**
Date Sampled: **09/19/2016 1205**
Date Received: **09/19/2016**

Laboratory ID: **RI19043-039**
Matrix: **Solid**
% Solids: **83.5** **09/19/2016 2228**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	3546	3660B/3665A	8082A	10	09/22/2016 1413	MEM	09/21/2016 2149	22563

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		120 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		120	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		120	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		120	ug/kg	
Aroclor 1248	12672-29-6	8082A	~~ND~~		120	ug/kg	
Aroclor 1254	**11097-69-1**	**8082A**	**150**		**120**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		120 U	ug/kg	

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
Decachlorobiphenyl		100	41-132
Tetrachloro-m-xylene		106	35-106

J3 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RI19043-040**
Description: **SHORT E**	Matrix: **Solid**
Date Sampled: **09/19/2016 1250**	% Solids: **79.7** **09/19/2016 2228**
Date Received: **09/19/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	5000	09/21/2016 1436	MEM	09/20/2016 1707	22445

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		62000	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		62000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		62000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		62000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**450000**	~~B~~	**62000**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**540000**		**62000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		62000	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	709	41-132
Tetrachloro-m-xylene		98	35-106

B 4/27/17

POL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **LANE H**
Date Sampled: **09/19/2016 1100**
Date Received: **09/21/2016**

Laboratory ID: **RI21041-001**
Matrix: **Solid**
% Solids: **76.4** **09/22/2016 0102**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/27/2016 1724	MEM	09/23/2016 2203	22798

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		13	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		13	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		13	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		13	ug/kg	
Aroclor 1248	12672-29-6	8082A	ND		13	ug/kg	
Aroclor 1254	11097-69-1	8082A	ND		13	ug/kg	
Aroclor 1260	11096-82-5	8082A	ND		13	ug/kg	

u

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		79	41-132
Tetrachloro-m-xylene		76	35-106

JB 2/22/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **LANE C**
Date Sampled: **09/19/2016 1012**
Date Received: **09/21/2016**

Laboratory ID: **RI21041-002**
Matrix: **Solid**
% Solids: **92.5** **09/22/2016 0102**

PCBs by GC

Run	Prep Method	Cleanup	Analytic:	Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A		8082A	1	09/27/2016 1804	MEM	09/23/2016 2203	22798

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		10	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		10	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		10	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		10	ug/kg	1
Aroclor 1248	12672-29-6	8082A	ND		10	ug/kg	1
Aroclor 1254	11097-69-1	8082A	ND		10	ug/kg	1
Aroclor 1260	11096-82-5	8082A	ND		10	ug/kg	1

4

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		81	41-132
Tetrachloro-m-xylene		79	35-106

D 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BUCHANON C**
Date Sampled: **09/19/2016 1107**
Date Received: **09/21/2016**

Laboratory ID: **RI21041-003**
Matrix: **Solid**
% Solids: **73.8** **09/22/2016 0102**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/27/2016 1817	MEM	09/23/2016 2203	22798

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		13	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		13	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		13	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		13	ug/kg	
Aroclor 1248	12672-29-6	8082A	ND		13	ug/kg	
Aroclor 1254	11097-69-1	8082A	ND		13	ug/kg	
Aroclor 1260	11096-82-5	8082A	ND		13	ug/kg	

U

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		88	41-132
Tetrachloro-m-xylene		86	35-106

B 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **LANE G**
Date Sampled: **09/19/2016 1052**
Date Received: **09/21/2016**

Laboratory ID: **RI21041-004**
Matrix: **Solid**
% Solids: **82.4** **09/22/2016 0102**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/27/2016 1830	MEM	09/23/2016 2203	22798

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		11 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		11	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		11	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		11	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		11	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**100**		**11**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		11 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		84	41-132
Tetrachloro-m-xylene		85	35-106

JS 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **LANE E**
Date Sampled: **09/19/2016 1055**
Date Received: **09/21/2016**

Laboratory ID: **RI21041-005**
Matrix: **Solid**
% Solids: **78.8** **09/22/2016 0102**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/27/2016 1844	MEM	09/23/2016 2203	22798

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		13 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		13	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		13	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		13	ug/kg	
Aroclor 1248	12672-29-6	8082A	ND		13	ug/kg	
Aroclor 1254	11097-69-1	8082A	ND		13	ug/kg	
Aroclor 1260	11096-82-5	8082A	ND		13	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		84	41-132
Tetrachloro-m-xylene		87	35-106

JD 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BUCHANON D**
Date Sampled: **09/19/2016 1115**
Date Received: **09/21/2016**

Laboratory ID: **RI21041-006**
Matrix: **Solid**
% Solids: **67.7** **09/22/2016 0102**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082	10	09/26/2016 1929	MEM	09/23/2016 2203	22798

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		140	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		140	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		140	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		140	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		140	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**720**		**140**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		140	ug/kg	1

U

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		126	41-132
Tetrachloro-m-xylene		89	35-106

JB 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BUCHANON E**
Date Sampled: **09/19/2016 1105**
Date Received: **09/21/2016**

Laboratory ID: **RI21041-007**
Matrix: **Solid**
% Solids: **77.8** **09/22/2016 0102**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/27/2016 1857	MEM	09/23/2016 2203	22798

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		12 u	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		12	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		12	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		12	ug/kg	
Aroclor 1248	12672-29-6	8082A	ND		12	ug/kg	
Aroclor 1254	11097-69-1	8082A	ND		12	ug/kg	
Aroclor 1260	11096-82-5	8082A	ND		12	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		79	41-132
Tetrachloro-m-xylene		81	35-106

D 2/2/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RI21041-008**
Description: **ARD C**	Matrix: **Solid**
Date Sampled: **09/19/2016 0950**	% Solids: **95.0** **09/22/2016 0102**
Date Received: **09/21/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/27/2016 1910	MEM	09/23/2016 2203	22798

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		10	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		10	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		10	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		10	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		10	ug/kg	1
Aroclor 1254	11097-69-1	8082A	~~ND~~		10	ug/kg	1
Aroclor 1260	11096-82-5	8082A	~~ND~~		10	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		77	41-132
Tetrachloro-m-xylene		79	35-106

2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **LEWIS A**
Date Sampled: **09/19/2016 0920**
Date Received: **09/21/2016**

Laboratory ID: **RI21041-009**
Matrix: **Solid**
% Solids: **68.7** **09/22/2016 0102**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/28/2016 1734	MEM	09/27/2016 1642	22998

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		140	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		140	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		140	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		140	ug/kg	
Aroclor 1248	12672-29-6	8082A	~~ND~~		140	ug/kg	
Aroclor 1254	**11097-69-1**	**8082A**	**410**		**140**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		140	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		99	41-132
Tetrachloro-m-xylene		97	35-106

JS 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **FORD F**
Date Sampled: **09/19/2016 1555**
Date Received: **09/21/2016**

Laboratory ID: **RI21041-010**
Matrix: **Solid**
% Solids: **92.1** **09/22/2016 0102**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/28/2016 1601	MEM	09/27/2016 1642	22998

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		10	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		10	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		10	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		10	ug/kg	1
Aroclor 1248	12672-29-6	8082A	ND		10	ug/kg	1
Aroclor 1254	11097-69-1	8082A	ND		10	ug/kg	1
Aroclor 1260	11096-82-5	8082A	ND		10	ug/kg	1

u

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		82	41-132
Tetrachloro-m-xylene		81	35-106

JD 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **LEWIS D**
Date Sampled: **09/19/2016 0908**
Date Received: **09/21/2016**

Laboratory ID: **RI21041-011**
Matrix: **Solid**
% Solids: **81.9** **09/22/2016 0102**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/27/2016 1950	MEM	09/22/2016 2151	22665

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		12	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		12	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		12	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		12	ug/kg	
Aroclor 1248	12672-29-6	8082A	ND		12	ug/kg	
Aroclor 1254	11097-69-1	8082A	ND		12	ug/kg	
Aroclor 1260	11096-82-5	8082A	ND		12	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		73	41-132
Tetrachloro-m-xylene		71	35-106

JB 2/27/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	5	09/27/2016 2231	PMS	09/22/2016 2151	22668

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aldrin	309-00-2	8081B	ND		6.1	ug/kg	
gamma-BHC (Lindane)	58-89-9	8081B	ND		6.1	ug/kg	
alpha-BHC	319-84-6	8081B	ND		6.1	ug/kg	
beta-BHC	319-85-7	8081B	ND		6.1	ug/kg	
delta-BHC	319-86-8	8081B	ND		6.1	ug/kg	
Chlordane	57-74-9	8081B	ND		12	ug/kg	
cis-Chlordane	5103-71-9	8081B	ND		6.1	ug/kg	
trans-Chlordane	5103-74-2	8081B	ND		6.1	ug/kg	
4,4'-DDD	72-54-8	8081B	ND		6.1	ug/kg	
4,4'-DDE	72-55-9	8081B	ND		6.1	ug/kg	
4,4'-DDT	50-29-3	8081B	ND		6.1	ug/kg	
Dieldrin	60-57-1	8081B	ND		6.1	ug/kg	
Endosulfan I	959-98-8	8081B	ND		6.1	ug/kg	
Endosulfan II	33213-65-9	8081B	ND		6.1	ug/kg	
Endosulfan sulfate	1031-07-8	8081B	ND		6.1	ug/kg	
Endrin	72-20-8	8081B	ND		6.1	ug/kg	
Endrin aldehyde	7421-93-4	8081B	ND		6.1	ug/kg	
Endrin ketone	53494-70-5	8081B	ND		6.1	ug/kg	
Heptachlor	76-44-8	8081B	ND		6.1	ug/kg	
Heptachlor epoxide	1024-57-3	8081B	ND		6.1	ug/kg	
Methoxychlor	72-43-5	8081B	ND		24	ug/kg	
Toxaphene	8001-35-2	8081B	ND		61	ug/kg	

NA

JS 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **ARD D**
Date Sampled: **09/19/2016 0947**
Date Received: **09/21/2016**

Laboratory ID: **RI21041-012**
Matrix: **Solid**
% Solids: **90.3** **09/22/2016 0102**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/27/2016 2003	MEM	09/22/2016 2151	22665

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		11 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		11	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		11	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		11	ug/kg	1
Aroclor 1248	12672-29-6	8082A	ND		11	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**20**		**11**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		11 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		79	41-132
Tetrachloro-m-xylene		74	35-106

JD 2/27/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	5	09/27/2016 2245	PMS	09/22/2016 2151	22668

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		5.4	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		5.4	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		5.4	ug/kg	1
beta-BHC	319-85-7	8081B	ND		5.4	ug/kg	1
delta-BHC	319-86-8	8081B	ND		5.4	ug/kg	1
Chlordane	57-74-9	8081B	ND		11	ug/kg	1
cis-Chlordane	5103-71-9	8081B	ND		5.4	ug/kg	1
trans-Chlordane	5103-74-2	8081B	ND		5.4	ug/kg	1
4,4'-DDD	**72-54-8**	**8081B**	**5.4**		**5.4**	**ug/kg**	**1**
4,4'-DDE	**72-55-9**	**8081B**	**35**		**5.4**	**ug/kg**	**1**
4,4'-DDT	**50-29-3**	**8081B**	**52**		**5.4**	**ug/kg**	**1**
Dieldrin	60-57-1	8081B	ND		5.4	ug/kg	1
Endosulfan I	959-98-8	8081B	ND		5.4	ug/kg	1
Endosulfan II	33213-65-9	8081B	ND		5.4	ug/kg	1
Endosulfan sulfate	1031-07-8	8081B	ND		5.4	ug/kg	1
Endrin	72-20-8	8081B	ND		5.4	ug/kg	1
Endrin aldehyde	7421-93-4	8081B	ND		5.4	ug/kg	1
Endrin ketone	53494-70-5	8081B	ND		5.4	ug/kg	1
Heptachlor	76-44-8	8081B	ND		5.4	ug/kg	1
Heptachlor epoxide	1024-57-3	8081B	ND		5.4	ug/kg	1
Methoxychlor	72-43-5	8081B	ND		22	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		54	ug/kg	1

NA
JS 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **LEWIS B**
Date Sampled: **09/19/2016 0916**
Date Received: **09/21/2016**

Laboratory ID: **RI21041-013**
Matrix: **Solid**
% Solids: **73.8** **09/22/2016 0102**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/27/2016 2016	MEM	09/22/2016 2151	22665

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		13	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		13	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		13	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		13	ug/kg	
Aroclor 1248	12672-29-6	8082A	ND		13	ug/kg	
Aroclor 1254	11097-69-1	8082A	ND		13	ug/kg	
Aroclor 1260	11096-82-5	8082A	ND		13	ug/kg	

U

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		83	41-132
Tetrachloro-m-xylene		84	35-106

B 2/27/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	5	09/27/2016 2300	PMS	09/22/2016 2151	22668

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aldrin	309-00-2	8081B	ND		6.7	ug/kg	
gamma-BHC (Lindane)	58-89-9	8081B	ND		6.7	ug/kg	
alpha-BHC	319-84-6	8081B	ND		6.7	ug/kg	
beta-BHC	319-85-7	8081B	ND		6.7	ug/kg	
delta-BHC	319-86-8	8081B	ND		6.7	ug/kg	
Chlordane	57-74-9	8081B	ND		13	ug/kg	
cis-Chlordane	5103-71-9	8081B	ND		6.7	ug/kg	
trans-Chlordane	5103-74-2	8081B	ND		6.7	ug/kg	
4,4'-DDD	72-54-8	8081B	ND		6.7	ug/kg	
4,4'-DDE	**72-55-9**	**8081B**	**8.1**		**6.7**	**ug/kg**	
4,4'-DDT	50-29-3	8081B	ND		6.7	ug/kg	
Dieldrin	60-57-1	8081B	ND		6.7	ug/kg	
Endosulfan I	959-98-8	8081B	ND		6.7	ug/kg	
Endosulfan II	33213-65-9	8081B	ND		6.7	ug/kg	
Endosulfan sulfate	1031-07-8	8081B	ND		6.7	ug/kg	
Endrin	72-20-8	8081B	ND		6.7	ug/kg	
Endrin aldehyde	7421-93-4	8081B	ND		6.7	ug/kg	
Endrin ketone	53494-70-5	8081B	ND		6.7	ug/kg	
Heptachlor	76-44-8	8081B	ND		6.7	ug/kg	
Heptachlor epoxide	1024-57-3	8081B	ND		6.7	ug/kg	
Methoxychlor	72-43-5	8081B	ND		27	ug/kg	
Toxaphene	8001-35-2	8081B	ND		67	ug/kg	

NA

B 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **FORD C**
Date Sampled: **09/19/2016 1545**
Date Received: **09/21/2016**

Laboratory ID: **RI21041-014**
Matrix: **Solid**
% Solids: **72.2** **09/22/2016 0102**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/28/2016 1747	MEM	09/27/2016 1642	22998

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		140 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		140	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		140	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		140	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		140	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**1100**		**140**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		140 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		89	41-132
Tetrachloro-m-xylene		95	35-106

2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **TILLMAN A**
Date Sampled: **09/19/2016 1440**
Date Received: **09/21/2016**

Laboratory ID: **RI21041-015**
Matrix: **Solid**
% Solids: **86.9** **09/22/2016 0102**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	100	09/28/2016 1920	MEM	09/27/2016 1642	22998

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		1100 UA	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		1100	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		1100	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		1100	ug/kg	
Aroclor 1248	12672-29-6	8082A	~~ND~~		1100	ug/kg	
Aroclor 1254	**11097-69-1**	**8082A**	**15000**		**1100**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		1100 UA	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		118	41-132
Tetrachloro-m-xylene		98	35-106

JB 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **ARD A**
Date Sampled: **09/19/2016 0952**
Date Received: **09/21/2016**

Laboratory ID: **RI21041-016**
Matrix: **Solid**
% Solids: **93.0** **09/22/2016 0102**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/29/2016 1252	MEM	09/27/2016 1642	22998

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		10 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		10	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		10	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		10	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		10	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**18**		**10**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		10 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		82	41-132
Tetrachloro-m-xylene		88	35-106

JS 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **FORD E**
Date Sampled: **09/19/2016 1555**
Date Received: **09/21/2016**

Laboratory ID: **RI21041-017**
Matrix: **Solid**
% Solids: **60.3** **09/22/2016 0102**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	100	09/28/2016 1933	MEM	09/27/2016 1642	22998

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		1700	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		1700	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		1700	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		1700	ug/kg	
Aroclor 1248	12672-29-6	8082A	~~ND~~		1700	ug/kg	
Aroclor 1254	**11097-69-1**	**8082A**	**17000**		**1700**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		1700	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		131	41-132
Tetrachloro-m-xylene	N	110	35-106

JB 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SANTOS B**
Date Sampled: **09/19/2016 1540**
Date Received: **09/21/2016**

Laboratory ID: **RI21041-018**
Matrix: **Solid**
% Solids: **73.5** **09/22/2016 0102**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	100	09/27/2016 1511	MEM	09/26/2016 1706	22903

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		1200 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		1200	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		1200	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		1200	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		1200	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**19000**		**1200**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		1200 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		118	41-132
Tetrachloro-m-xylene		96	35-106

JS 2/27/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	20	09/30/2016 1245	PMS	09/26/2016 1706	22902

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		25	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		25	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		25	ug/kg	1
beta-BHC	319-85-7	8081B	ND		25	ug/kg	1
delta-BHC	319-86-8	8081B	ND		25	ug/kg	1
Chlordane	57-74-9	8081B	ND		50	ug/kg	1
cis-Chlordane	5103-71-9	8081B	ND		25	ug/kg	1
trans-Chlordane	**5103-74-2**	**8081B** NA	**420**		**25**	**ug/kg**	**1**
4,4'-DDD	72-54-8	8081B JS	ND		25	ug/kg	1
4,4'-DDE	**72-55-9**	**8081B** 2/27/17	**740**	**P**	**25**	**ug/kg**	**1**
4,4'-DDT	**50-29-3**	**8081B**	**630**		**25**	**ug/kg**	**1**
Dieldrin	**60-57-1**	**8081B**	**660**		**25**	**ug/kg**	**1**
Endosulfan I	959-98-8	8081B	ND		25	ug/kg	1
Endosulfan II	33213-65-9	8081B	ND		25	ug/kg	1
Endosulfan sulfate	1031-07-8	8081B	ND		25	ug/kg	1
Endrin	**72-20-8**	**8081B**	**110**	**P**	**25**	**ug/kg**	**1**
Endrin aldehyde	**7421-93-4**	**8081B**	**33**	**P**	**25**	**ug/kg**	**1**
Endrin ketone	**53494-70-5**	**8081B**	**76**		**25**	**ug/kg**	**1**
Heptachlor	76-44-8	8081B	ND		25	ug/kg	1
Heptachlor epoxide	**1024-57-3**	**8081B**	**39**	**P**	**25**	**ug/kg**	**1**
Methoxychlor	72-43-5	8081B	ND		100	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		250	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **TILLMAN 2C**
Date Sampled: **09/19/2016 1500**
Date Received: **09/21/2016**

Laboratory ID: **RI21041-019**
Matrix: **Solid**
% Solids: **54.2** **09/22/2016 0102**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	100	09/27/2016 1524	MEM	09/26/2016 1706	22903

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		1700 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		1700	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		1700	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		1700	ug/kg	
Aroclor 1248	12672-29-6	8082A	ND		1700	ug/kg	
Aroclor 1254	**11097-69-1**	**8082A**	**24000**		**1700**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		1700 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		124	41-132
Tetrachloro-m-xylene		98	35-106

JB 2/27/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	20	09/30/2016 1300	PMS	09/26/2016 1706	22902

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aldrin	309-00-2	8081B	ND		34	ug/kg	
gamma-BHC (Lindane)	58-89-9	8081B	ND		34	ug/kg	
alpha-BHC	319-84-6	8081B	ND		34	ug/kg	
beta-BHC	319-85-7	8081B	ND		34	ug/kg	
delta-BHC	319-86-8	8081B	ND		34	ug/kg	
Chlordane	57-74-9	8081B	ND		68	ug/kg	
cis-Chlordane	5103-71-9	8081B	ND		34	ug/kg	
trans-Chlordane	**5103-74-2**	**8081B**	**520**		**34**	**ug/kg**	
4,4'-DDD	72-54-8	8081B	ND		34	ug/kg	
4,4'-DDE	72-55-9	8081B NA	ND		34	ug/kg	
4,4'-DDT	**50-29-3**	**8081B** JB	**850**		**34**	**ug/kg**	
Dieldrin	**60-57-1**	**8081B** 2/27/17			**34**	**ug/kg**	
Endosulfan I	**959-98-8**	**8081B**	**52**	**P**	**34**	**ug/kg**	
Endosulfan II	33213-65-9	8081B	ND		34	ug/kg	
Endosulfan sulfate	1031-07-8	8081B	ND		34	ug/kg	
Endrin	**72-20-8**	**8081B**	**150**	**P**	**34**	**ug/kg**	
Endrin aldehyde	**7421-93-4**	**8081B**	**63**		**34**	**ug/kg**	
Endrin ketone	**53494-70-5**	**8081B**	**130**		**34**	**ug/kg**	
Heptachlor	**76-44-8**	**8081B**	**35**	**P**	**34**	**ug/kg**	
Heptachlor epoxide	**1024-57-3**	**8081B**	**43**	**P**	**34**	**ug/kg**	
Methoxychlor	72-43-5	8081B	ND		140	ug/kg	
Toxaphene	8001-35-2	8081B	ND		340	ug/kg	

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **LEWIS C**
Date Sampled: **09/19/2016 0916**
Date Received: **09/21/2016**

Laboratory ID: **RI21041-020**
Matrix: **Solid**
% Solids: **80.8** **09/22/2016 0102**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/28/2016 1627	MEM	09/27/2016 1642	22998

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		12 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		12	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		12	ug/kg	1
Aroclor 1254	11097-69-1	8082A	~~ND~~		12	ug/kg	1
Aroclor 1260	11096-82-5	8082A	~~ND~~		12	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		82	41-132
Tetrachloro-m-xylene		78	35-106

D 4/2/17

POL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SANTOS C**
Date Sampled: **09/19/2016 1525**
Date Received: **09/21/2016**

Laboratory ID: **RI21041-021**
Matrix: **Solid**
% Solids: **62.4** **09/22/2016 0102**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	09/28/2016 1827	MEM	09/27/2016 1642	22998

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		800 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		800	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		800	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		800	ug/kg	
Aroclor 1248	12672-29-6	8082A	~~ND~~		800	ug/kg	
Aroclor 1254	**11097-69-1**	**8082A**	**8800**		**800**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		800 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		118	41-132
Tetrachloro-m-xylene		101	35-106

JB 4/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **TILLMAN 2A**
Date Sampled: **09/19/2016 1510**
Date Received: **09/21/2016**

Laboratory ID: **RI21041-022**
Matrix: **Solid**
% Solids: **58.1** **09/22/2016 0102**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	200	09/28/2016 2013	MEM	09/27/2016 1642	22998

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		3300	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		3300	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		3300	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		3300	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		3300	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**34000**		**3300**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		3300	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		118	41-132
Tetrachloro-m-xylene		102	35-106

4/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SANTOS A**
Date Sampled: **09/19/2016 1535**
Date Received: **09/21/2016**

Laboratory ID: **RI21041-023**
Matrix: **Solid**
% Solids: **67.3** **09/22/2016 0102**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	100	09/28/2016 1946	MEM	09/27/2016 1642	22998

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		1500 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		1500	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		1500	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		1500	ug/kg	
Aroclor 1248	12672-29-6	8082A	~~ND~~		1500	ug/kg	
Aroclor 1254	**11097-69-1**	**8082A**	**9700**		**1500**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		1500 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		125	41-132
Tetrachloro-m-xylene		103	35-106

(B) 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RI21041-024**
Description: **FORD D**	Matrix: **Solid**
Date Sampled: **09/19/2016 1547**	% Solids: **74.3** **09/22/2016 0102**
Date Received: **09/21/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	100	09/28/2016 2000	MEM	09/27/2016 1642	22998

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		1300 UL	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		1300	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		1300	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		1300	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		1300	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**14000**		**1300**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		1300 UL	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		113	41-132
Tetrachloro-m-xylene		104	35-106

JS 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **TILLMAN 2D**
Date Sampled: **09/19/2016 1450**
Date Received: **09/21/2016**

Laboratory ID: **RI21041-025**
Matrix: **Solid**
% Solids: **72.2** **09/22/2016 0102**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	5	09/28/2016 1641	MEM	09/27/2016 1642	22998

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		69 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		69	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		69	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		69	ug/kg	
Aroclor 1248	12672-29-6	8082A	~~ND~~		69	ug/kg	
Aroclor 1254	**11097-69-1**	**8082A**	**170**		**69**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		69 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		67	41-132
Tetrachloro-m-xylene		69	35-106

JS 4/27/17

POL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **TILLMAN B**
Date Sampled: **09/19/2016 1445**
Date Received: **09/21/2016**

Laboratory ID: **RI21041-026**
Matrix: **Solid**
% Solids: **83.0** **09/22/2016 0102**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	200	09/28/2016 2026	MEM	09/27/2016 1642	22998

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		2400	U ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		2400	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		2400	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		2400	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		2400	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**30000**		**2400**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		2400	U ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		130	41-132
Tetrachloro-m-xylene		92	35-106

JS 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **ARD B**
Date Sampled: **09/19/2016 0940**
Date Received: **09/21/2016**

Laboratory ID: **RI21041-027**
Matrix: **Solid**
% Solids: **83.8** **09/22/2016 0102**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/27/2016 1631	MEM	09/26/2016 1706	22903

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		11	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		11	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		11	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		11	ug/kg	
Aroclor 1248	12672-29-6	8082A	ND		11	ug/kg	
Aroclor 1254	11097-69-1	8082A	ND		11	ug/kg	
Aroclor 1260	11096-82-5	8082A	ND		11	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		87	41-132
Tetrachloro-m-xylene		88	35-106

JS 2/27/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	5	09/30/2016 1314	PMS	09/26/2016 1706	22902

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aldrin	309-00-2	8081B	ND		5.7	ug/kg	
gamma-BHC (Lindane)	58-89-9	8081B	ND		5.7	ug/kg	
alpha-BHC	319-84-6	8081B	ND		5.7	ug/kg	
beta-BHC	319-85-7	8081B	ND		5.7	ug/kg	
delta-BHC	319-86-8	8081B	ND		5.7	ug/kg	
Chlordane	57-74-9	8081B	ND		11	ug/kg	
cis-Chlordane	5103-71-9	8081B	ND		5.7	ug/kg	
trans-Chlordane	5103-74-2	8081B	ND		5.7	ug/kg	
4,4'-DDD	72-54-8	8081B	ND		5.7	ug/kg	
4,4'-DDE	**72-55-9**	**8081B**			**5.7**	**ug/kg**	
4,4'-DDT	50-29-3	8081B	ND		5.7	ug/kg	
Dieldrin	60-57-1	8081B	ND		5.7	ug/kg	
Endosulfan I	959-98-8	8081B	ND		5.7	ug/kg	
Endosulfan II	33213-65-9	8081B	ND		5.7	ug/kg	
Endosulfan sulfate	1031-07-8	8081B	ND		5.7	ug/kg	
Endrin	72-20-8	8081B	ND		5.7	ug/kg	
Endrin aldehyde	7421-93-4	8081B	ND		5.7	ug/kg	
Endrin ketone	53494-70-5	8081B	ND		5.7	ug/kg	
Heptachlor	76-44-8	8081B	ND		5.7	ug/kg	
Heptachlor epoxide	1024-57-3	8081B	ND		5.7	ug/kg	
Methoxychlor	72-43-5	8081B	ND		23	ug/kg	
Toxaphene	8001-35-2	8081B	ND		57	ug/kg	

NA JS 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SHORT C**
Date Sampled: **09/19/2016 1250**
Date Received: **09/21/2016**

Laboratory ID: **RI21041-028**
Matrix: **Solid**
% Solids: **80.9** **09/22/2016 0102**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1000	09/28/2016 2040	MEM	09/27/2016 1642	22998

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		12000 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		12000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		12000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		12000	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		12000	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**160000**		**12000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		12000 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	208	41-132
Tetrachloro-m-xylene		51	35-106

JB 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: HARRINGTON B
Date Sampled: 09/19/2016 1145
Date Received: 09/21/2016

Laboratory ID: RI21041-029
Matrix: Solid
% Solids: 83.5 09/22/2016 0102

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	5	09/27/2016 1538	MEM	09/26/2016 1706	22903

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		59 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		59	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		59	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		59	ug/kg	
Aroclor 1248	12672-29-6	8082A	~~ND~~		59	ug/kg	
Aroclor 1254	**11097-69-1**	**8082A**	**610**		**59**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		59 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		96	41-132
Tetrachloro-m-xylene		94	35-106

(3) 2/27/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	5	09/30/2016 1329	PMS	09/26/2016 1706	22902

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aldrin	309-00-2	8081B	ND		5.9	ug/kg	
gamma-BHC (Lindane)	58-89-9	8081B	ND		5.9	ug/kg	
alpha-BHC	319-84-6	8081B	ND		5.9	ug/kg	
beta-BHC	319-85-7	8081B	ND		5.9	ug/kg	
delta-BHC	319-86-8	8081B	ND		5.9	ug/kg	
Chlordane	57-74-9	8081B	ND		12	ug/kg	
cis-Chlordane	5103-71-9	8081B	ND		5.9	ug/kg	
trans-Chlordane	**5103-74-2**	**8081B**	NA **12**		**5.9**	**ug/kg**	
4,4'-DDD	72-54-8	8081B	ND		5.9	ug/kg	
4,4'-DDE	**72-55-9**	**8081B**	(35) **17**		**5.9**	**ug/kg**	
4,4'-DDT	**50-29-3**	**8081B**	2/27/17 **31**		**5.9**	**ug/kg**	
Dieldrin	**60-57-1**	**8081B**	**13**	**P**	**5.9**	**ug/kg**	
Endosulfan I	959-98-8	8081B	ND		5.9	ug/kg	
Endosulfan II	33213-65-9	8081B	ND		5.9	ug/kg	
Endosulfan sulfate	1031-07-8	8081B	ND		5.9	ug/kg	
Endrin	72-20-8	8081B	ND		5.9	ug/kg	
Endrin aldehyde	7421-93-4	8081B	ND		5.9	ug/kg	
Endrin ketone	53494-70-5	8081B	ND		5.9	ug/kg	
Heptachlor	76-44-8	8081B	ND		5.9	ug/kg	
Heptachlor epoxide	1024-57-3	8081B	ND		5.9	ug/kg	
Methoxychlor	72-43-5	8081B	ND		23	ug/kg	
Toxaphene	8001-35-2	8081B	ND		59	ug/kg	

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: HARRINGTON C
Date Sampled: 09/19/2016 1205
Date Received: 09/21/2016

Laboratory ID: RI21041-030
Matrix: Solid
% Solids: 70.4 09/22/2016 0102

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B:3665A	8082A	5	09/27/2016 1551	MEM	09/26/2016 1706	22903

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		66 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		66	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		66	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		66	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		66	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**1300** J+		**66**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		66 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		84	41-132
Tetrachloro-m-xylene		79	35-106

25 4/27/17

03/20/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	5	09/30/2016 1344	PMS	09/26/2016 1706	22902

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	~~ND~~		6.6	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	~~ND~~		6.6	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		6.6	ug/kg	1
beta-BHC	**319-85-7**	**8081B**	**7.1**	**P**	**6.6**	**ug/kg**	**1**
delta-BHC	319-86-8	8081B	ND		6.6	ug/kg	1
Chlordane	57-74-9	8081B	ND		13	ug/kg	1
cis-Chlordane	5103-71-9	8081B	ND		6.6	ug/kg	1
trans-Chlordane	**5103-74-2**	**8081B** NA	**23**		**6.6**	**ug/kg**	**1**
4,4'-DDD	72-54-8	8081B	ND		6.6	ug/kg	1
4,4'-DDE	**72-55-9**	**8081B** 25	**49**		**6.6**	**ug/kg**	**1**
4,4'-DDT	**50-29-3**	**8081B** 4/27/17	**68**		**6.6**	**ug/kg**	**1**
Dieldrin	**60-57-1**	**8081B**	**43**		**6.6**	**ug/kg**	**1**
Endosulfan I	959-98-8	8081B	ND		6.6	ug/kg	1
Endosulfan II	33213-65-9	8081B	ND		6.6	ug/kg	1
Endosulfan sulfate	1031-07-8	8081B	ND		6.6	ug/kg	1
Endrin	**72-20-8**	**8081B**	**6.9**	**P**	**6.6**	**ug/kg**	**1**
Endrin aldehyde	7421-93-4	8081B	ND		6.6	ug/kg	1
Endrin ketone	53494-70-5	8081B	ND		6.6	ug/kg	1
Heptachlor	76-44-8	8081B	ND		6.6	ug/kg	1
Heptachlor epoxide	1024-57-3	8081B	ND		6.6	ug/kg	1
Methoxychlor	72-43-5	8081B	ND		27	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		66	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **HARRINGTON A**
Date Sampled: **09/19/2016 1155**
Date Received: **09/21/2016**

Laboratory ID: **RI21041-031**
Matrix: **Solid**
% Solids: **79.0** **09/22/2016 0102**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/28/2016 1800	MEM	09/27/2016 1642	22998

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		120 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		120	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		120	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		120	ug/kg	
Aroclor 1248	12672-29-6	8082A	~~ND~~		120	ug/kg	
Aroclor 1254	**11097-69-1**	**8082A**	**670**		**120**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		120 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		103	41-132
Tetrachloro-m-xylene		101	35-106

2/27/17

POL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **HARRINGTON D**
Date Sampled: **09/19/2016 1200**
Date Received: **09/21/2016**

Laboratory ID: **RI21041-032**
Matrix: **Solid**
% Solids: **63.1** **09/22/2016 0102**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	09/28/2016 1840	MEM	09/27/2016 1642	22998

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		780	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		780	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		780	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		780	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		780	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**9500**		**780**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		780	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		124	41-132
Tetrachloro-m-xylene		101	35-106

JS 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SS-236**
Date Sampled: **09/20/2016 1246**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-001**
Matrix: **Solid**
% Solids: **91.0** **09/22/2016 2320**

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	09/30/2016 1023	RBH	09/28/2016 1505	23261

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Phenanthrene	85-01-8	8270D	ND		360	ug/kg	
Phenol	108-95-2	8270D	ND		360	ug/kg	
Pyrene	129-00-0	8270D	ND		360	ug/kg	
2,4,5-Trichlorophenol	95-95-4	8270D	ND		360	ug/kg	
2,4,6-Trichlorophenol	88-06-2	8270D	ND		360	ug/kg	

NA JB 2/27/17

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		76	30-117
2-Fluorobiphenyl		68	33-102
2-Fluorophenol		67	28-104
Nitrobenzene-d5		71	22-109
Phenol-d5		69	27-103
Terphenyl-d14		71	41-120

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/28/2016 1654	MEM	09/27/2016 2125	23032

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		100 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		100	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		100	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		100	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**1100**		**100**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**1300**		**100**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		100 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		95	41-132
Tetrachloro-m-xylene		105	35-106

JB 2/27/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	10	09/30/2016 1420	PMS	09/27/2016 2125	23033

NA JB 2/27/17

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aldrin	309-00-2	8081B	ND		10	ug/kg	
gamma-BHC (Lindane)	58-89-9	8081B	ND		10	ug/kg	

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SD-232**
Date Sampled: **09/20/2016 1230**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-002**
Matrix: **Solid**
% Solids: **70.5** **09/22/2016 2320**

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	09/30/2016 1048	RBH	09/29/2016 1505	23261

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Phenanthrene	85-01-8	8270D	ND		450	ug/kg	1
Phenol	108-95-2	8270D	ND		450	ug/kg	1
Pyrene	129-00-0	8270D	ND		450	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		450	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		450	ug/kg	1

NA 2/27/17

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		66	30-117
2-Fluorobiphenyl		59	33-102
2-Fluorophenol		53	28-104
Nitrobenzene-d5		58	22-109
Phenol-d5		60	27-103
Terphenyl-d14		59	41-120

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	09/28/2016 1813	MEM	09/27/2016 2125	23032

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		700 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		700	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		700	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		700	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**6100**		**700**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**6600**		**700**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		700 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		113	41-132
Tetrachloro-m-xylene		91	35-106

2/27/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	10	09/30/2016 1504	PMS	09/27/2016 2125	23033

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		14	ug/kg	1
gamma-BHC (Lindane)	**58-89-9**	**8081B**	**140**		**14**	**ug/kg**	**1**

NA 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SS-229**
Date Sampled: **09/20/2016 1128**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-003**
Matrix: **Solid**
% Solids: **83.5** **09/22/2016 2320**

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	09/30/2016 1113	RBH	09/29/2016 1505	23261

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Phenanthrene	85-01-8	8270D	ND		390	ug/kg	
Phenol	108-95-2	8270D	ND		390	ug/kg	
Pyrene	129-00-0	8270D	ND		390	ug/kg	
2,4,5-Trichlorophenol	95-954	8270D	ND		390	ug/kg	
2,4,6-Trichlorophenol	88-06-2	8270D	ND		390	ug/kg	

NA (JS) 2/27/17

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		65	30-117
2-Fluorobiphenyl		59	33-102
2-Fluorophenol		58	28-104
Nitrobenzene-d5		62	22-109
Phenol-d5		62	27-103
Terphenyl-d14		62	41-120

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/28/2016 1251	MEM	09/27/2016 2125	23032

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		11 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		11	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		11	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		11	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	18		**11**	**ug/kg**	
Aroclor 1254	11097-69-1	8082A	ND		11 U	ug/kg	
Aroclor 1260	11096-82-5	8082A	ND		11 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		77	41-132
Tetrachloro-m-xylene		80	35-106

(JS) 2/27/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	5	09/30/2016 1519	PMS	09/27/2016 2125	23033

NA (JS) 2/27/17

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aldrin	309-00-2	8081B	ND		5.5	ug/kg	
gamma-BHC (Lindane)	58-89-9	8081B	ND		5.5	ug/kg	

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SD-231**
Date Sampled: **09/20/2016 1010**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-004**
Matrix: **Solid**
% Solids: **84.6** **09/22/2016 2320**

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	09/30/2016 1138	RBH	09/29/2016 1505	23261

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Phenanthrene	85-01-8	8270D	ND		380	ug/kg	1
Phenol	108-95-2	8270D	ND		380	ug/kg	1
Pyrene	129-00-0	8270D	ND		380	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		380	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		380	ug/kg	1

NA (B) 2/27/17

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		64	30-117
2-Fluorobiphenyl		61	33-102
2-Fluorophenol		59	28-104
Nitrobenzene-d5		61	22-109
Phenol-d5		63	27-103
Terphenyl-d14		65	41-120

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/28/2016 1304	MEM	09/27/2016 2125	23032

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		11	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		11	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		11	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		11	ug/kg	1
Aroclor 1248	12672-29-6	8082A	ND		11	ug/kg	1
Aroclor 1254	11097-69-1	8082A	ND		11	ug/kg	1
Aroclor 1260	11096-82-5	8082A	ND		11	ug/kg	1

u

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		81	41-132
Tetrachloro-m-xylene		88	35-106

(B) 2/27/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	1	09/30/2016 1534	PMS	09/27/2016 2125	23033

NA (B) 2/27/17

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		1.1	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		1.1	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-HA-104_1**
Date Sampled: **09/20/2016 0905**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-005**
Matrix: **Solid**
% Solids: **90.2** **09/22/2016 2320**

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	09/30/2016 1253	RBH	09/29/2016 1505	23261

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Phenanthrene	85-01-8	8270D	ND		360	ug/kg	
Phenol	108-95-2	8270D	ND		360	ug/kg	
Pyrene	129-00-0	8270D	ND		360	ug/kg	
2,4,5-Trichlorophenol	95-95-4	8270D	ND		360	ug/kg	
2,4,6-Trichlorophenol	88-06-2	8270D	ND		360	ug/kg	

NA JS 2/27/17

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		86	30-117
2-Fluorobiphenyl		60	33-102
2-Fluorophenol		54	28-104
Nitrobenzene-d5		59	22-109
Phenol-d5		57	27-103
Terphenyl-d14		61	41-120

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	100	09/28/2016 1907	MEM	09/27/2016 2125	23032

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		1100 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		1100	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		1100	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		1100	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**35000**		**1100**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**31000**		**1100**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		1100 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		132	41-132
Tetrachloro-m-xylene		94	35-106

JS 2/27/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	50	09/30/2016 1549	PMB	09/27/2016 2125	23033

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aldrin	309-00-2	8081B	ND		54	ug/kg	
gamma-BHC (Lindane)	58-89-9	8081B	ND		54	ug/kg	

NA JS 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil samp'e analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RI21114-006**
Description: **BL-DP-108_2**	Matrix: **Solid**
Date Sampled: **09/20/2016 1430**	% Solids: **82.0** **09/22/2016 2320**
Date Received: **09/21/2016**	

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	09/30/2016 1318	RBH	09/29/2016 1505	23261

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Phenanthrene	85-01-8	8270D	ND		390	ug/kg	1
Phenol	108-95-2	8270D	ND		390	ug/kg	1
Pyrene	129-00-0	8270D	ND		390	ug/kg	1
2,4,5-Trichlorophenol	95-95-4	8270D	ND		390	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		390	ug/kg	1

NA (JS) 2/27/17

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		70	30-117
2-Fluorobiphenyl		56	33-102
2-Fluorophenol		54	28-104
Nitrobenzene-d5		59	22-109
Phenol-d5		62	27-103
Terphenyl-d14		62	41-120

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/29/2016 1733	MEM	09/28/2016 1858	23163

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		12	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		12	ug/kg	1
Aroclor 1248	12672-29-6	8082A	ND		12	ug/kg	1
Aroclor 1254	11097-69-1	8082A	ND		12	ug/kg	1
Aroclor 1260	11096-82-5	8082A	ND		12	ug/kg	1

4

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		92	41-132
Tetrachloro-m-xylene		84	35-106

(JS) 2/27/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	1	10/03/2016 1205	PMS	09/28/2016 1858	23162

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		1.2	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		1.2	ug/kg	1

NA (JS) 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-DP-100-10-12**
Date Sampled: **09/20/2016 1640**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-007**
Matrix: **Solid**
% Solids: **81.5** **09/22/2016 2320**

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	09/30/2016 1342	RPH	09/29/2016 1505	23261

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Phenanthrene	85-01-8	8270D	ND		400	ug/kg	
Phenol	108-95-2	8270D	ND		400	ug/kg	
Pyrene	129-00-0	8270D	ND		400	ug/kg	
2,4,5-Trichlorophenol	95-954	8270D	ND		400	ug/kg	
2,4,6-Trichlorophenol	88-06-2	8270D	ND		400	ug/kg	

NA (B) 2/27/17

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		70	30-117
2-Fluorobiphenyl		60	33-102
2-Fluorophenol		55	28-104
Nitrobenzene-d5		60	22-109
Phenol-d5		62	27-103
Terphenyl-d14		66	41-120

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/29/2016 1746	MEM	09/28/2016 1858	23163

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		12	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		12	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		12	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		12	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**140**		**12**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**120**		**12**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		12	ug/kg	

U

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		95	41-132
Tetrachloro-m-xylene		84	35-106

(B) 2/27/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	1	10/03/2016 1220	PMS	09/28/2016 1858	23162

NA (B) 2/27/17

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aldrin	309-00-2	8081B	ND		1.2	ug/kg	
gamma-BHC (Lindane)	58-89-9	8081B	ND		1.2	ug/kg	

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-HA-102_2**
Date Sampled: **09/20/2016 0810**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-008**
Matrix: **Solid**
% Solids: **77.6** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/30/2016 1524	MEM	09/29/2016 2037	23281

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		13 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		13	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		13	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		13	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		13	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	13		**13**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		13 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		96	41-132
Tetrachloro-m-xylene		81	35-106

D 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-HA-120_1**
Date Sampled: **09/20/2016 1515**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-009**
Matrix: **Solid**
% Solids: **90.1** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/30/2016 1604	MEM	09/29/2016 2037	23281

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		10 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		10	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		10	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		10	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**100**		**10**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**95**		**10**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		10 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		101	41-132
Tetrachloro-m-xylene		83	35-106

JS 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-DP-115_10**
Date Sampled: **09/20/2016 1610**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-010**
Matrix: **Solid**
% Solids: **79.7** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/30/2016 1617	MEM	09/29/2016 2037	23281

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		12 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		12	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**46**		**12**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**44**		**12**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		12 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		99	41-132
Tetrachloro-m-xylene		80	35-106

(B) 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SD-237**
Date Sampled: **09/20/2016 1220**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-011**
Matrix: **Solid**
% Solids: **79.4** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/30/2016 1112	MEM	09/29/2016 2037	23281

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		120	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		120	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		120	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		120	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**600**		**120**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**470**		**120**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		120	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		114	41-132
Tetrachloro-m-xylene	N	107	35-106

JS 2/27/17

POL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RI21114-012**
Description: **BL-SD-6_3**	Matrix: **Solid**
Date Sampled: **09/20/2016 1650**	% Solids: **79.0** **09/22/2016 2320**
Date Received: **09/21/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1000	09/29/2016 2131	MEM	09/28/2016 1858	23163

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		13000 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		13000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		13000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		13000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**270000**		**13000**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**150000**		**13000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		13000 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	214	41-132
Tetrachloro-m-xylene	N	137	35-106

JB 2/27/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	100	10/03/2016 1304	PMS	09/28/2016 1858	23162

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		130	ug/kg	1
gamma-BHC (Lindane)	**58-89-9**	**8081B**	**160**	**P**	**130**	**ug/kg**	**1**
alpha-BHC	319-84-6	8081B	ND		130	ug/kg	1
beta-BHC	319-85-7	8081B	ND		130	ug/kg	1
delta-BHC	**319-86-8**	**8081B**	**230**	**P**	**130**	**ug/kg**	**1**
Chlordane	57-74-9	8081B	ND		250	ug/kg	1
cis-Chlordane	5103-71-9	8081B	ND		130	ug/kg	1
trans-Chlordane	**5103-74-2**	**8081B**	NA **2800**		**130**	**ug/kg**	**1**
4,4'-DDD	72-54-8	8081B	ND		130	ug/kg	1
4,4'-DDE	**72-55-9**	**8081B**	**1600**	**P**	**130**	**ug/kg**	**1**
4,4'-DDT	**50-29-3**	**8081B**	JB **2400**		**130**	**ug/kg**	**1**
Dieldrin	**60-57-1**	**8081B**	**4800**		**130**	**ug/kg**	**1**
Endosulfan I	**959-98-8**	**8081B**	**480**	**P**	**130**	**ug/kg**	**1**
Endosulfan II	**33213-65-9**	**8081B** 2/27/17	**550**	**P**	**130**	**ug/kg**	**1**
Endosulfan sulfate	**1031-07-8**	**8081B**	**130**	**P**	**130**	**ug/kg**	**1**
Endrin	**72-20-8**	**8081B**	**480**	**P**	**130**	**ug/kg**	**1**
Endrin aldehyde	**7421-93-4**	**8081B**	**370**		**130**	**ug/kg**	**1**
Endrin ketone	**53494-70-5**	**8081B**	**460**		**130**	**ug/kg**	**1**
Heptachlor	76-44-8	8081B	ND		130	ug/kg	1
Heptachlor epoxide	**1024-57-3**	**8081B**	**430**	**P**	**130**	**ug/kg**	**1**
Methoxychlor	72-43-5	8081B	ND		500	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		1300	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SD-6_4**
Date Sampled: **09/20/2016 1655**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-013**
Matrix: **Solid**
% Solids: **77.2** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	100	09/30/2016 1723	MEM	09/29/2016 2037	23281

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		1200 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		1200	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		1200	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		1200	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**38000**		**1200**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**17000**		**1200**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		1200 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		130	41-132
Tetrachloro-m-xylene	N	122	35-106

JB 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RI21114-014**
Description: **BL-SD-6_5**	Matrix: **Solid**
Date Sampled: **09/20/2016 1700**	% Solids: **74.4** **09/22/2016 2320**
Date Received: **09/21/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	100	09/30/2016 1737	MEM	09/29/2016 2037	23281

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		1300	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		1300	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		1300	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		1300	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**35000**		**1300**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**17000**	J	**1300**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		1300	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		129	41-132
Tetrachloro-m-xylene	N	124	35-106

JD 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SD-6_5-DUP**
Date Sampled: **09/20/2016 1700**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-015**
Matrix: **Solid**
% Solids: **74.3** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	100	09/30/2016 1750	MEM	09/29/2016 2037	23281

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		1300 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		1300	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		1300	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		1300	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**23000**		**1300**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**10000**	**J**	**1300**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		1300 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		129	41-132
Tetrachloro-m-xylene	N	117	35-106

JS 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SD-222**
Date Sampled: **09/20/2016 1454**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-016**
Matrix: **Solid**
% Solids: **57.8** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	09/29/2016 2012	MEM	09/28/2016 1858	23163

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		840 UA	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		840	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		840	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		840	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**9200**		**840**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**7500**		**840**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		840 UA	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		102	41-132
Tetrachloro-m-xylene	N	107	35-106

B 2/27/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	10	09/30/2016 1738	PMS	09/28/2016 1858	23162

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		17	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		17	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		17	ug/kg	1
beta-BHC	319-85-7	8081B	ND		17	ug/kg	1
delta-BHC	319-86-8	8081B	ND		17	ug/kg	1
Chlordane	57-74-9	8081B	ND		34	ug/kg	1
cis-Chlordane	5103-71-9	8081B NA	ND		17	ug/kg	1
trans-Chlordane	**5103-74-2**	**8081B**	**170**		**17**	**ug/kg**	**1**
4,4'-DDD	72-54-8	8081B B	ND		17	ug/kg	1
4,4'-DDE	72-55-9	8081B	ND		17	ug/kg	1
4,4'-DDT	**50-29-3**	**8081B** 2/27/17	**140**		**17**	**ug/kg**	**1**
Dieldrin	**60-57-1**	**8081B**	**310**		**17**	**ug/kg**	**1**
Endosulfan I	**959-98-8**	**8081B**	**24**	**P**	**17**	**ug/kg**	**1**
Endosulfan II	33213-65-9	8081B	ND		17	ug/kg	1
Endosulfan sulfate	**1031-07-8**	**8081B**	**20**		**17**	**ug/kg**	**1**
Endrin	**72-20-8**	**8081B**	**34**	**P**	**17**	**ug/kg**	**1**
Endrin aldehyde	7421-93-4	8081B	ND		17	ug/kg	1
Endrin ketone	**53494-70-5**	**8081B**	**30**		**17**	**ug/kg**	**1**
Heptachlor	76-44-8	8081B	ND		17	ug/kg	1
Heptachlor epoxide	**1024-57-3**	**8081B**	**27**	**P**	**17**	**ug/kg**	**1**
Methoxychlor	72-43-5	8081B	ND		67	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		170	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: SD-215
Date Sampled: 09/20/2016 1520
Date Received: 09/21/2016

Laboratory ID: RI21114-017
Matrix: Solid
% Solids: 75.5 09/22/2016 2320

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1000	09/30/2016 1830	MEM	09/29/2016 2037	23281

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		13000	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		13000	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		13000	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		13000	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**240000**		**13000**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**200000**		**13000**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		13000	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	801	41-132
Tetrachloro-m-xylene	N	682	35-106

JB 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SD-224**
Date Sampled: **09/20/2016 1411**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-018**
Matrix: **Solid**
% Solids: **78.2** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/30/2016 1245	MEM	09/29/2016 2037	23281

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		130 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		130	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		130	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		130	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**350**		**130**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**340**		**130**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		130 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		57	41-132
Tetrachloro-m-xylene		105	35-106

B 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SD-228**
Date Sampled: **09/20/2016 1050**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-019**
Matrix: **Solid**
% Solids: **74.8** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/30/2016 1630	MEM	09/29/2016 2037	23281

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		13 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		13	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		13	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		13	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**180**		**13**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**110**		**13**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		13 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		95	41-132
Tetrachloro-m-xylene		87	35-106

B 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RI21114-020**
Description: **SS-234**	Matrix: **Solid**
Date Sampled: **09/20/2016 1241**	% Solids: **55.9** **09/22/2016 2320**
Date Received: **09/21/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	09/29/2016 2025	MEM	09/28/2016 1858	23163

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		880 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		880	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		880	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		880	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**8900**		**880**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**7900**		**880**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		880 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		124	41-132
Tetrachloro-m-xylene	N	116	35-106

JB 4/27/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	10	09/30/2016 1753	PMS	09/28/2016 1858	23162

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		18	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		18	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		18	ug/kg	1
beta-BHC	319-85-7	8081B	ND		18	ug/kg	1
delta-BHC	319-86-8	8081B	ND		18	ug/kg	1
Chlordane	57-74-9	8081B	ND		35	ug/kg	1
cis-Chlordane	5103-71-9	8081B	ND		18	ug/kg	1
trans-Chlordane	**5103-74-2**	**8081B**	**210**		**18**	**ug/kg**	**1**
4,4'-DDD	72-54-8	8081B	ND		18	ug/kg	1
4,4'-DDE	72-55-9	8081B	ND		18	ug/kg	1
4,4'-DDT	**50-29-3**	**8081B**	**140**		**18**	**ug/kg**	**1**
Dieldrin	**60-57-1**	**8081B**	**330**		**18**	**ug/kg**	**1**
Endosulfan I	**959-98-8**	**8081B**	**37**		**18**	**ug/kg**	**1**
Endosulfan II	33213-65-9	8081B	ND		18	ug/kg	1
Endosulfan sulfate	**1031-07-8**	**8081B**	**19**		**18**	**ug/kg**	**1**
Endrin	**72-20-8**	**8081B**	**39**	**P**	**18**	**ug/kg**	**1**
Endrin aldehyde	7421-93-4	8081B	ND		18	ug/kg	1
Endrin ketone	**53494-70-5**	**8081B**	**35**		**18**	**ug/kg**	**1**
Heptachlor	76-44-8	8081B	ND		18	ug/kg	1
Heptachlor epoxide	**1024-57-3**	**8081B**	**33**	**P**	**18**	**ug/kg**	**1**
Methoxychlor	72-43-5	8081B	ND		70	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		180	ug/kg	1

NA

2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SS-233**
Date Sampled: **09/20/2016 1245**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-021**
Matrix: **Solid**
% Solids: **78.3** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/30/2016 1644	MEM	09/29/2016 2037	23281

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		12	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		12	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		12	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		12	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**97**		**12**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**53**		**12**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		12	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		93	41-132
Tetrachloro-m-xylene		89	35-106

JD 4/27/17

POL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SD-204 DUP**
Date Sampled: **09/20/2016 1630**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-022**
Matrix: **Solid**
% Solids: **57.5** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	200	09/30/2016 1816	MEM	09/29/2016 2037	23281

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		3400 UJ	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		3400 UJ	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		3400 UJ	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		3400 UJ	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**25000**	**J**	**3400**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**15000**	**J**	**3400**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		3400 UJ	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		43	41-132
Tetrachloro-m-xylene	N	22	35-106

JS 2/23/17

03/20/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SS-235**
Date Sampled: **09/20/2016 1245**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-023**
Matrix: **Solid**
% Solids: **84.5** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	100	09/29/2016 2052	MEM	09/28/2016 1858	23163

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		1100 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		1100	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		1100	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		1100	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**4800**		**1100**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**4600**		**1100**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		1100 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		111	41-132
Tetrachloro-m-xylene	N	258	35-106

JS 4/27/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	10	09/30/2016 1808	PMS	09/28/2016 1858	23162

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aldrin	309-00-2	8081B	ND		11	ug/kg	
gamma-BHC (Lindane)	58-89-9	8081B	ND		11	ug/kg	
alpha-BHC	319-84-6	8081B	ND		11	ug/kg	
beta-BHC	319-85-7	8081B	ND		11	ug/kg	
delta-BHC	319-86-8	8081B	ND		11	ug/kg	
Chlordane	57-74-9	8081B	ND		23	ug/kg	
cis-Chlordane	5103-71-9	8081B	ND		11	ug/kg	
trans-Chlordane	**5103-74-2**	**8081B**	**95**		**11**	**ug/kg**	
4,4'-DDD	72-54-8	8081B	ND		11	ug/kg	
4,4'-DDE	72-55-9	8081B	ND		11	ug/kg	
4,4'-DDT	**50-29-3**	**8081B**	**88**		**11**	**ug/kg**	
Dieldrin	**60-57-1**	**8081B**	**110**		**11**	**ug/kg**	
Endosulfan I	**959-98-8**	**8081B**	**12**	**P**	**11**	**ug/kg**	
Endosulfan II	33213-65-9	8081B	ND		11	ug/kg	
Endosulfan sulfate	**1031-07-8**	**8081B**	**64**		**11**	**ug/kg**	
Endrin	**72-20-8**	**8081B**	**21**	**P**	**11**	**ug/kg**	
Endrin aldehyde	7421-93-4	8081B	ND		11	ug/kg	
Endrin ketone	**53494-70-5**	**8081B**	**11**	**P**	**11**	**ug/kg**	
Heptachlor	76-44-8	8081B	ND		11	ug/kg	
Heptachlor epoxide	**1024-57-3**	**8081B**	**15**	**P**	**11**	**ug/kg**	
Methoxychlor	72-43-5	8081B	ND		45	ug/kg	
Toxaphene	8001-35-2	8081B	ND		110	ug/kg	

NA
JS 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SD-229**
Date Sampled: **09/20/2016 1143**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-024**
Matrix: **Solid**
% Solids: **64.6** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/30/2016 1657	MEM	09/29/2016 2037	23281

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		15	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		15	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		15	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		15	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**100**		**15**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**68**		**15**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		15	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		91	41-132
Tetrachloro-m-xylene		82	35-106

J 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **DS-237**
Date Sampled: **09/20/2016 1222**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-025**
Matrix: **Solid**
% Solids: **71.8** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/30/2016 1351	MEM	09/29/2016 2037	23281

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		130 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		130	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		130	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		130	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**2900**		**130**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**2300**		**130**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		130 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		106	41-132
Tetrachloro-m-xylene		101	35-106

JD 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **DS-233**
Date Sampled: **09/20/2016 1250**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-026**
Matrix: **Solid**
% Solids: **70.1** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/30/2016 1404	MEM	09/29/2016 2037	23281

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		140 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		140	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		140	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		140	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**1900**		**140**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**1300**		**140**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		140 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		109	41-132
Tetrachloro-m-xylene		103	35-106

2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SD-227**
Date Sampled: **09/20/2016 1125**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-027**
Matrix: **Solid**
% Solids: **54.9** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	5	09/29/2016 1919	MEM	09/28/2016 1858	23163

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		91 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		91	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		91	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		91	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**330**		**91**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**220**		**91**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		91 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		93	41-132
Tetrachloro-m-xylene		87	35-106

JS 2/27/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	5	10/03/2016 1319	PMS	09/28/2016 1858	23162

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aldrin	309-00-2	8081B	ND		9.1	ug/kg	
gamma-BHC (Lindane)	58-89-9	8081B	ND		9.1	ug/kg	
alpha-BHC	319-84-6	8081B	ND		9.1	ug/kg	
beta-BHC	319-85-7	8081B	ND		9.1	ug/kg	
delta-BHC	319-86-8	8081B	ND		9.1	ug/kg	
Chlordane	57-74-9	8081B	ND		18	ug/kg	
cis-Chlordane	5103-71-9	8081B	ND		9.1	ug/kg	
trans-Chlordane	5103-74-2	8081B	ND		9.1	ug/kg	
4,4'-DDD	72-54-8	8081B	ND		9.1	ug/kg	
4,4'-DDE	72-55-9	8081B	ND		9.1	ug/kg	
4,4'-DDT	50-29-3	8081B	ND		9.1	ug/kg	
Dieldrin	60-57-1	8081B	ND		9.1	ug/kg	
Endosulfan I	959-98-8	8081B	ND		9.1	ug/kg	
Endosulfan II	33213-65-9	8081B	ND		9.1	ug/kg	
Endosulfan sulfate	1031-07-8	8081B	ND		9.1	ug/kg	
Endrin	72-20-8	8081B	ND		9.1	ug/kg	
Endrin aldehyde	7421-93-4	8081B	ND		9.1	ug/kg	
Endrin ketone	53494-70-5	8081B	ND		9.1	ug/kg	
Heptachlor	76-44-8	8081B	ND		9.1	ug/kg	
Heptachlor epoxide	1024-57-3	8081B	ND		9.1	ug/kg	
Methoxychlor	72-43-5	8081B	ND		36	ug/kg	
Toxaphene	8001-35-2	8081B	ND		91	ug/kg	

NA
JS 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **DS-228**
Date Sampled: **09/20/2016 1050**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-028**
Matrix: **Solid**
% Solids: **74.5** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/30/2016 1710	MEM	09/29/2016 2037	23281

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		13	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		13	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		13	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		13	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**130**		**13**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**87**		**13**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		13	ug/kg	1

U

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		89	41-132
Tetrachloro-m-xylene		85	35-106

JB 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: SD-216
Date Sampled: 09/20/2016 1517
Date Received: 09/21/2016

Laboratory ID: RI21114-029
Matrix: Solid
% Solids: 69.0 09/22/2016 2320

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	100	09/29/2016 2105	MEM	09/28/2016 1858	23163

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		1400 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		1400	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		1400	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		1400	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**24000**		**1400**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**17000**		**1400**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		1400 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		122	41-132
Tetrachloro-m-xylene	N	218	35-106

JD 2/27/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	10	09/30/2016 1837	PMS	09/28/2016 1858	23162

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aldrin	309-00-2	8081B	ND		14	ug/kg	
gamma-BHC (Lindane)	**58-89-9**	**8081B**	**85**		**14**	**ug/kg**	
alpha-BHC	319-84-6	8081B	ND		14	ug/kg	
beta-BHC	319-85-7	8081B	ND		14	ug/kg	
delta-BHC	**319-86-8**	**8081B**	**39**	**P**	**14**	**ug/kg**	
Chlordane	57-74-9	8081B	ND		29	ug/kg	
cis-Chlordane	5103-71-9	8081B	ND		14	ug/kg	
trans-Chlordane	**5103-74-2**	**8081B** NA	**400**		**14**	**ug/kg**	
4,4'-DDD	72-54-8	8081B	ND		14	ug/kg	
4,4'-DDE	**72-55-9**	**8081B** JD	**290**		**14**	**ug/kg**	
4,4'-DDT	**50-29-3**	**8081B** 2/27/17	**327**		**14**	**ug/kg**	
Dieldrin	**60-57-1**	**8081B**	**580**		**14**	**ug/kg**	
Endosulfan I	**959-98-8**	**8081B**	**49**	**P**	**14**	**ug/kg**	
Endosulfan II	33213-65-9	8081B	ND		14	ug/kg	
Endosulfan sulfate	**1031-07-8**	**8081B**	**64**	**P**	**14**	**ug/kg**	
Endrin	**72-20-8**	**8081B**	**73**	**P**	**14**	**ug/kg**	
Endrin aldehyde	7421-93-4	8081B	ND		14	ug/kg	
Endrin ketone	**53494-70-5**	**8081B**	**58**		**14**	**ug/kg**	
Heptachlor	**76-44-8**	**8081B**	**42**	**P**	**14**	**ug/kg**	
Heptachlor epoxide	**1024-57-3**	**8081B**	**66**	**P**	**14**	**ug/kg**	
Methoxychlor	72-43-5	8081B	ND		58	ug/kg	
Toxaphene	8001-35-2	8081B	ND		140	ug/kg	

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RI21114-030**
Description: **SD-202**	Matrix: **Solid**
Date Sampled: **09/20/2016 1638**	% Solids: **50.2** **09/22/2016 2320**
Date Received: **09/21/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	100	09/30/2016 1803	MEM	09/29/2016 2037	23281

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		1900	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		1900	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		1900	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		1900	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**37000**		**1900**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**31000**		**1900**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		1900	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		127	41-132
Tetrachloro-m-xylene	N	115	35-106

B 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SD-213**
Date Sampled: **09/20/2016 1515**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-031**
Matrix: **Solid**
% Solids: **55.2** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/30/2016 1444	MEM	09/29/2016 2037	23281

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		180 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		180	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		180	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		180	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**3900**		**180**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**1600**		**180**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		180 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		121	41-132
Tetrachloro-m-xylene		104	35-106

B 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SD-223**
Date Sampled: **09/20/2016 1405**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-032**
Matrix: **Solid**
% Solids: **72.3** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/30/2016 1458	MEM	09/29/2016 2037	23281

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		140 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		140	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		140	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		140	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**780**		**140**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**580**		**140**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		140 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		107	41-132
Tetrachloro-m-xylene		102	35-106

(JS) 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SD-218**
Date Sampled: **09/20/2016 1450**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-033**
Matrix: **Solid**
% Solids: **54.2** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	5	10/03/2016 1852	MEM	10/02/2016 1722	23421

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		92	U ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		92	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		92	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		92	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**280**		**92**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**140**		**92**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		92	U ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		100	41-132
Tetrachloro-m-xylene		87	35-106

JB 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SD-200**
Date Sampled: **09/20/2016 1619**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-034**
Matrix: **Solid**
% Solids: **80.6** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	10/03/2016 1546	MEM	10/02/2016 1722	23421

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		12 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		12	ug/kg	1
Aroclor 1248	12672-29-6	8082A	ND		12	ug/kg	1
Aroclor 1254	11097-69-1	8082A	ND		12	ug/kg	1
Aroclor 1260	11096-82-5	8082A	ND		12	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		97	41-132
Tetrachloro-m-xylene		80	35-106

D 4/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SD-250**
Date Sampled: **09/20/2016 1230**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-035**
Matrix: **Solid**
% Solids: **65.7** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/29/2016 1932	MEM	09/28/2016 1858	23163

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		150 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		150	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		150	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		150	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**1300**		**150**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**1400**		**150**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		150 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	576	41-132
Tetrachloro-m-xylene		100	35-106

JB 2/27/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	10	09/30/2016 1852	PMS	09/28/2016 1858	23162

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aldrin	309-00-2	8081B	ND		15	ug/kg	
gamma-BHC (Lindane)	58-89-9	8081B	ND		15	ug/kg	
alpha-BHC	319-84-6	8081B	ND		15	ug/kg	
beta-BHC	319-85-7	8081B	ND		15	ug/kg	
delta-BHC	319-86-8	8081B	ND		15	ug/kg	
Chlordane	57-74-9	8081B	ND		30	ug/kg	
cis-Chlordane	5103-71-9	8081B	ND		15	ug/kg	
trans-Chlordane	**5103-74-2**	**8081B**	**39**	**P**	**15**	**ug/kg**	
4,4'-DDD	**72-54-8**	**8081B** NA	**23**		**15**	**ug/kg**	
4,4'-DDE	**72-55-9**	**8081B**	**20**	**P**	**15**	**ug/kg**	
4,4'-DDT	**50-29-3**	**8081B** JB	**25**		**15**	**ug/kg**	
Dieldrin	**60-57-1**	**8081B**	**71**		**15**	**ug/kg**	
Endosulfan I	959-98-8	8081B 2/27/17	ND		15	ug/kg	
Endosulfan II	33213-65-9	8081B	ND		15	ug/kg	
Endosulfan sulfate	**1031-07-8**	**8081B**	**22**		**15**	**ug/kg**	
Endrin	72-20-8	8081B	ND		15	ug/kg	
Endrin aldehyde	7421-93-4	8081B	ND		15	ug/kg	
Endrin ketone	53494-70-5	8081B	ND		15	ug/kg	
Heptachlor	76-44-8	8081B	ND		15	ug/kg	
Heptachlor epoxide	1024-57-3	8081B	ND		15	ug/kg	
Methoxychlor	72-43-5	8081B	ND		60	ug/kg	
Toxaphene	8001-35-2	8081B	ND		150	ug/kg	

PQL = Practical quantitation limit | B = Detected in the method blank | E = Quantitation of compound exceeded the calibration range | H = Out of holding time
ND = Not detected at or above the PQL | J = Estimated result < PQL and ≥ MDL | P = The RPD between two GC columns exceeds 40% | N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SD-220**
Date Sampled: **09/20/2016 1425**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-036**
Matrix: **Solid**
% Solids: **55.0** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	10/03/2016 1600	MEM	10/02/2016 1722	23421

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		17 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		17	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		17	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		17	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		17	ug/kg	1
Aroclor 1254	11097-69-1	8082A	~~ND~~		17	ug/kg	1
Aroclor 1260	11096-82-5	8082A	~~ND~~		17	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		87	41-132
Tetrachloro-m-xylene		81	35-106

B 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: BL-DP-116_1
Date Sampled: 09/20/2016 1035
Date Received: 09/21/2016

Laboratory ID: RI21114-037
Matrix: Solid
% Solids: 87.4 09/22/2016 2320

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/29/2016 1826	MEM	09/28/2016 1858	23163

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		11 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		11	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		11	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		11	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**53**		**11**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**47**		**11**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		11 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		94	41-132
Tetrachloro-m-xylene		84	35-106

JS 2/27/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	1	10/03/2016 1333	PMS	09/28/2016 1858	23162

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aldrin	309-00-2	8081B	ND		1.1	ug/kg	
gamma-BHC (Lindane)	58-89-9	8081B	ND		1.1	ug/kg	
alpha-BHC	319-84-6	8081B	ND		1.1	ug/kg	
beta-BHC	319-85-7	8081B	ND		1.1	ug/kg	
delta-BHC	319-86-8	8081B	ND		1.1	ug/kg	
Chlordane	57-74-9	8081B	ND		2.2	ug/kg	
cis-Chlordane	5103-71-9	8081B	ND		1.1	ug/kg	
trans-Chlordane	**5103-74-2**	**8081B** NA	**1.6**		**1.1**	**ug/kg**	
4,4'-DDD	**72-54-8**	**8081B**	**1.3**		**1.1**	**ug/kg**	
4,4'-DDE	**72-55-9**	**8081B** JS	**17**		**1.1**	**ug/kg**	
4,4'-DDT	**50-29-3**	**8081B**	**6.5**		**1.1**	**ug/kg**	
Dieldrin	**60-57-1**	**8081B** 2/27/17	**2.6**		**1.1**	**ug/kg**	
Endosulfan I	959-98-8	8081B	ND		1.1	ug/kg	
Endosulfan II	33213-65-9	8081B	ND		1.1	ug/kg	
Endosulfan sulfate	1031-07-8	8081B	ND		1.1	ug/kg	
Endrin	72-20-8	8081B	ND		1.1	ug/kg	
Endrin aldehyde	7421-93-4	8081B	ND		1.1	ug/kg	
Endrin ketone	53494-70-5	8081B	ND		1.1	ug/kg	
Heptachlor	76-44-8	8081B	ND		1.1	ug/kg	
Heptachlor epoxide	1024-57-3	8081B	ND		1.1	ug/kg	
Methoxychlor	72-43-5	8081B	ND		4.5	ug/kg	
Toxaphene	8001-35-2	8081B	ND		11	ug/kg	

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-HA-105_1**
Date Sampled: **09/20/2016 1630**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-038**
Matrix: **Solid**
% Solids: **86.5** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	10/03/2016 1613	MEM	10/02/2016 1722	23421

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		11	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		11	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		11	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		11	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		11	ug/kg	1
Aroclor 1254	11097-69-1	8082A	~~ND~~		11	ug/kg	1
Aroclor 1260	11096-82-5	8082A	~~ND~~		11	ug/kg	1

4

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		82	41-132
Tetrachloro-m-xylene		73	35-106

(B) 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: BL-DP-116_11
Date Sampled: 09/20/2016 1045
Date Received: 09/21/2016

Laboratory ID: RI21114-039
Matrix: Solid
% Solids: 80.1 09/22/2016 2320

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	09/30/2016 1407	RBH	09/29/2016 1505	23261

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Phenanthrene	85-01-8	8270D	ND		410	ug/kg	
Phenol	108-95-2	8270D	ND		410	ug/kg	
Pyrene	129-00-0	8270D	ND		410	ug/kg	
2,4,5-Trichlorophenol	95-95-4	8270D	ND		410	ug/kg	
2,4,6-Trichlorophenol	88-06-2	8270D	ND		410	ug/kg	

NA (D) 2/27/17

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		57	30-117
2-Fluorobiphenyl		46	33-102
2-Fluorophenol		43	28-104
Nitrobenzene-d5		45	22-109
Phenol-d5		51	27-103
Terphenyl-d14		61	41-120

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/29/2016 1839	MEM	09/28/2016 1858	23163

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		12	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		12	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		12	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		12	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**120**		**12**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**60**		**12**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		12	ug/kg	

U

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		93	41-132
Tetrachloro-m-xylene		79	35-106

(D) 2/27/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	1	10/03/2016 1348	PMS	09/28/2016 1858	23162

NA (D) 2/27/17

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aldrin	309-00-2	8081B	ND		1.2	ug/kg	
gamma-BHC (Lindane)	58-89-9	8081B	ND		1.2	ug/kg	

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-DP-112_12**
Date Sampled: **09/20/2016 1105**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-040**
Matrix: **Solid**
% Solids: **79.2** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	10/03/2016 1653	MEM	10/02/2016 1722	23421

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		12	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		12	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**43**		**12**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**30**		**12**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		12	ug/kg	1

U

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		90	41-132
Tetrachloro-m-xylene		74	35-106

D 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: SD-206
Date Sampled: 09/20/2016 1609
Date Received: 09/21/2016

Laboratory ID: RI21114-041
Matrix: Solid
% Solids: 76.3 09/22/2016 2320

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/29/2016 1945	MEM	09/28/2016 1858	23163

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		120	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		120	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		120	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		120	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**470**		**120**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**400**		**120**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		120	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		99	41-132
Tetrachloro-m-xylene		104	35-106

2/27/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	10	10/03/2016 1532	PMS	09/28/2016 1858	23162

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aldrin	309-00-2	8081B	ND		12	ug/kg	
gamma-BHC (Lindane)	58-89-9	8081B	ND		12	ug/kg	
alpha-BHC	319-84-6	8081B	ND		12	ug/kg	
beta-BHC	319-85-7	8081B	ND		12	ug/kg	
delta-BHC	319-86-8	8081B	ND		12	ug/kg	
Chlordane	57-74-9	8081B	ND		25	ug/kg	
cis-Chlordane	5103-71-9	8081B	ND		12	ug/kg	
trans-Chlordane	5103-74-2	8081B	ND		12	ug/kg	
4,4'-DDD	72-54-8	8081B	ND		12	ug/kg	
4,4'-DDE	72-55-9	8081B	ND		12	ug/kg	
4,4'-DDT	50-29-3	8081B	ND		12	ug/kg	
Dieldrin	**60-57-1**	**8081B**	**16**		**12**	**ug/kg**	
Endosulfan I	959-98-8	8081B	ND		12	ug/kg	
Endosulfan II	33213-65-9	8081B	ND		12	ug/kg	
Endosulfan sulfate	1031-07-8	8081B	ND		12	ug/kg	
Endrin	72-20-8	8081B	ND		12	ug/kg	
Endrin aldehyde	7421-93-4	8081B	ND		12	ug/kg	
Endrin ketone	53494-70-5	8081B	ND		12	ug/kg	
Heptachlor	76-44-8	8081B	ND		12	ug/kg	
Heptachlor epoxide	1024-57-3	8081B	ND		12	ug/kg	
Methoxychlor	72-43-5	8081B	ND		50	ug/kg	
Toxaphene	8001-35-2	8081B	ND		120	ug/kg	

NA

2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SD-210**
Date Sampled: **09/20/2016 1535**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-042**
Matrix: **Solid**
% Solids: **75.8** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	5	10/03/2016 1905	MEM	10/02/2016 1722	23421

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		65 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		65	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		65	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		65	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**130**		**65**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**180**		**65**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		65 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		68	41-132
Tetrachloro-m-xylene		62	35-106

JB 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RI21114-043**
Description: **SD-211**	Matrix: **Solid**
Date Sampled: **09/20/2016 1505**	% Solids: **76.2** **09/22/2016 2320**
Date Received: **09/21/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	09/29/2016 2038	MEM	09/28/2016 1858	23163

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		630	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		630	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		630	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		630	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**4100**		**630**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**3600**		**630**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		630	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		115	41-132
Tetrachloro-m-xylene	N	112	35-106

2/27/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	10	09/30/2016 1950	PMS	09/28/2016 1858	23162

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aldrin	309-00-2	8081B	ND		13	ug/kg	
gamma-BHC (Lindane)	58-89-9	8081B	ND		13	ug/kg	
alpha-BHC	319-84-6	8081B	ND		13	ug/kg	
beta-BHC	319-85-7	8081B	ND		13	ug/kg	
delta-BHC	319-86-8	8081B	ND		13	ug/kg	
Chlordane	57-74-9	8081B	ND		25	ug/kg	
cis-Chlordane	5103-71-9	8081B	ND		13	ug/kg	
trans-Chlordane	**5103-74-2**	**8081B**	**91**		**13**	**ug/kg**	
4,4'-DDD	72-54-8	8081B	ND		13	ug/kg	
4,4'-DDE	**72-55-9**	**8081B**	**71**		**13**	**ug/kg**	
4,4'-DDT	**50-29-3**	**8081B**	**63**		**13**	**ug/kg**	
Dieldrin	**60-57-1**	**8081B**	**140**		**13**	**ug/kg**	
Endosulfan I	959-98-8	8081B	ND		13	ug/kg	
Endosulfan II	33213-65-9	8081B	ND		13	ug/kg	
Endosulfan sulfate	**1031-07-8**	**8081B**	**22**		**13**	**ug/kg**	
Endrin	**72-20-8**	**8081B**	**17**	**P**	**13**	**ug/kg**	
Endrin aldehyde	7421-93-4	8081B	ND		13	ug/kg	
Endrin ketone	53494-70-5	8081B	ND		13	ug/kg	
Heptachlor	76-44-8	8081B	ND		13	ug/kg	
Heptachlor epoxide	**1024-57-3**	**8081B**	**16**	**P**	**13**	**ug/kg**	
Methoxychlor	72-43-5	8081B	ND		50	ug/kg	
Toxaphene	8001-35-2	8081B	ND		130	ug/kg	

NA

2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SS-208**
Date Sampled: **09/20/2016 1625**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-044**
Matrix: **Solid**
% Solids: **70.8** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	10/03/2016 1227	MEM	10/02/2016 1722	23421

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		130	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		130	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		130	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		130	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**970**		**130**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**2400**		**130**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		130	ug/kg	1

U

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		95	41-132
Tetrachloro-m-xylene		96	35-106

D 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SD-221**
Date Sampled: **09/20/2016 1421**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-045**
Matrix: **Solid**
% Solids: **74.8** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	10/03/2016 1706	MEM	10/02/2016 1722	23421

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		13 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		13	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		13	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		13	ug/kg	
Aroclor 1248	12672-29-6	8082A	ND		13	ug/kg	
Aroclor 1254	11097-69-1	8082A	ND		13	ug/kg	
Aroclor 1260	11096-82-5	8082A	ND		13	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		92	41-132
Tetrachloro-m-xylene		77	35-106

JD 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: SD-217
Date Sampled: 09/20/2016 1455
Date Received: 09/21/2016

Laboratory ID: RI21114-046
Matrix: Solid
% Solids: 78.4 09/22/2016 2320

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/29/2016 1852	MEM	09/28/2016 1858	23163

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		12	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		12	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		12	ug/kg	1
Aroclor 1254	11097-69-1	8082A	~~ND~~		12	ug/kg	1
Aroclor 1260	11096-82-5	8082A	~~ND~~		12	ug/kg	1

U

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		90	41-132
Tetrachloro-m-xylene		86	35-106

B 2/27/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	1	10/03/2016 1403	PMS	09/28/2016 1858	23162

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		1.2	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		1.2	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		1.2	ug/kg	1
beta-BHC	319-85-7	8081B	ND		1.2	ug/kg	1
delta-BHC	319-86-8	8081B	ND		1.2	ug/kg	1
Chlordane	57-74-9	8081B	ND		2.5	ug/kg	1
cis-Chlordane	5103-71-9	8081B	ND		1.2	ug/kg	1
trans-Chlordane	5103-74-2	8081B	ND		1.2	ug/kg	1
4,4'-DDD	72-54-8	8081B	ND		1.2	ug/kg	1
4,4'-DDE	72-55-9 NA	8081B	ND		1.2	ug/kg	1
4,4'-DDT	50-29-3	8081B	ND		1.2	ug/kg	1
Dieldrin	60-57-1 B	8081B	ND		1.2	ug/kg	1
Endosulfan I	959-98-8	8081B	ND		1.2	ug/kg	1
Endosulfan II	33213-65-9 2/27/17	8081B	ND		1.2	ug/kg	1
Endosulfan sulfate	1031-07-8	8081B	ND		1.2	ug/kg	1
Endrin	72-20-8	8081B	ND		1.2	ug/kg	1
Endrin aldehyde	7421-93-4	8081B	ND		1.2	ug/kg	1
Endrin ketone	53494-70-5	8081B	ND		1.2	ug/kg	1
Heptachlor	76-44-8	8081B	ND		1.2	ug/kg	1
Heptachlor epoxide	1024-57-3	8081B	ND		1.2	ug/kg	1
Methoxychlor	72-43-5	8081B	ND		4.9	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		12	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SS-219**
Date Sampled: **09/20/2016 1451**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-047**
Matrix: **Solid**
% Solids: **83.5** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	10/03/2016 1254	MEM	10/02/2016 1722	23421

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		120 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		120	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		120	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		120	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**160**		**120**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**380**		**120**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		120 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		85	41-132
Tetrachloro-m-xylene		88	35-106

B 4/21/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SS-219F**
Date Sampled: **09/20/2016 1445**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-048**
Matrix: **Solid**
% Solids: **78.5** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/29/2016 1906	MEM	09/28/2016 1858	23163

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		12	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		12	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**38**		**12**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**32**		**12**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		12	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		85	41-132
Tetrachloro-m-xylene		83	35-106

JS 2/27/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	5	10/03/2016 1418	PMS	09/28/2016 1858	23162

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		6.2	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		6.2	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		6.2	ug/kg	1
beta-BHC	319-85-7	8081B	ND		6.2	ug/kg	1
delta-BHC	319-86-8	8081B	ND		6.2	ug/kg	1
Chlordane	57-74-9	8081B	ND		12	ug/kg	1
cis-Chlordane	5103-71-9	8081B	ND		6.2	ug/kg	1
trans-Chlordane	5103-74-2	8081B	ND		6.2	ug/kg	1
4,4'-DDD	72-54-8	8081B	ND		6.2	ug/kg	1
4,4'-DDE	72-55-9	8081B	ND		6.2	ug/kg	1
4,4'-DDT	50-29-3	8081B	ND		6.2	ug/kg	1
Dieldrin	60-57-1	8081B	ND		6.2	ug/kg	1
Endosulfan I	959-98-8	8081B	ND		6.2	ug/kg	1
Endosulfan II	33213-65-9	8081B	ND		6.2	ug/kg	1
Endosulfan sulfate	1031-07-8	8081B	ND		6.2	ug/kg	1
Endrin	72-20-8	8081B	ND		6.2	ug/kg	1
Endrin aldehyde	7421-93-4	8081B	ND		6.2	ug/kg	1
Endrin ketone	53494-70-5	8081B	ND		6.2	ug/kg	1
Heptachlor	76-44-8	8081B	ND		6.2	ug/kg	1
Heptachlor epoxide	1024-57-3	8081B	ND		6.2	ug/kg	1
Methoxychlor	72-43-5	8081B	ND		25	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		62	ug/kg	1

NA JS 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: SD-204
Date Sampled: 09/20/2016 1630
Date Received: 09/21/2016

Laboratory ID: RI21114-049
Matrix: Solid
% Solids: 59.9 09/22/2016 2320

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	100	10/03/2016 1918	MEM	10/02/2016 1722	23421

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		1600	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		1600	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		1600	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		1600	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**34000**		**1600**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**40000**	J	**1600**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		1600	ug/kg	

U

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		124	41-132
Tetrachloro-m-xylene		97	35-106

JB 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SS-207**
Date Sampled: **09/20/2016 1620**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-050**
Matrix: **Solid**
% Solids: **81.4** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	10/03/2016 1320	MEM	10/02/2016 1722	23421

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		120	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		120	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		120	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		120	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**1400**		**120**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**2900**		**120**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		120	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		99	41-132
Tetrachloro-m-xylene		90	35-106

JB 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **HA-118-0-1**
Date Sampled: **09/20/2016 1300**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-051**
Matrix: **Solid**
% Solids: **92.6** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	10/03/2016 1719	MEM	10/02/2016 1722	23421

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		11 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		11	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		11	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		11	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	13		11	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	28		11	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		11 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		81	41-132
Tetrachloro-m-xylene		70	35-106

JB 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SD-6_1**
Date Sampled: **09/20/2016 1640**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-052**
Matrix: **Solid**
% Solids: **76.2** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1000	09/29/2016 2145	MEM	09/28/2016 1858	23163

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		13000 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		13000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		13000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		13000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**190000**		**13000**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**94000**		**13000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		13000 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	166	41-132
Tetrachloro-m-xylene	N	111	35-106

JB 2/27/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	100	10/03/2016 1432	PMS	09/28/2016 1858	23162

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aldrin	309-00-2	8081B	ND		130	ug/kg	1
gamma-BHC (Lindane)	58-89-9	8081B	ND		130	ug/kg	1
alpha-BHC	319-84-6	8081B	ND		130	ug/kg	1
beta-BHC	319-85-7	8081B	ND		130	ug/kg	1
delta-BHC	**319-86-8**	**8081B**	**160**	**P**	**130**	**ug/kg**	**1**
Chlordane	57-74-9	8081B	ND		260	ug/kg	1
cis-Chlordane	5103-71-9	8081B NA	ND		130	ug/kg	1
trans-Chlordane	**5103-74-2**	**8081B**	**1400**	**P**	**130**	**ug/kg**	**1**
4,4'-DDD	72-54-8	8081B JB	ND		130	ug/kg	1
4,4'-DDE	**72-55-9**	**8081B**	**1200**	**P**	**130**	**ug/kg**	**1**
4,4'-DDT	**50-29-3**	**8081B** 2/27/17	**250**	**P**	**130**	**ug/kg**	**1**
Dieldrin	**60-57-1**	**8081B**	**3600**		**130**	**ug/kg**	**1**
Endosulfan I	**959-98-8**	**8081B**	**360**	**P**	**130**	**ug/kg**	**1**
Endosulfan II	**33213-65-9**	**8081B**	**400**	**P**	**130**	**ug/kg**	**1**
Endosulfan sulfate	1031-07-8	8081B	ND		130	ug/kg	1
Endrin	**72-20-8**	**8081B**	**350**	**P**	**130**	**ug/kg**	**1**
Endrin aldehyde	**7421-93-4**	**8081B**	**280**		**130**	**ug/kg**	**1**
Endrin ketone	**53494-70-5**	**8081B**	**280**		**130**	**ug/kg**	**1**
Heptachlor	76-44-8	8081B	ND		130	ug/kg	1
Heptachlor epoxide	**1024-57-3**	**8081B**	**310**	**P**	**130**	**ug/kg**	**1**
Methoxychlor	72-43-5	8081B	ND		520	ug/kg	1
Toxaphene	8001-35-2	8081B	ND		1300	ug/kg	1

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SD-6_2**
Date Sampled: **09/20/2016 1645**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-053**
Matrix: **Solid**
% Solids: **76.8** **09/22/2016 2320**

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3550C	8270D	1	09/30/2016 1432	RBH	09/28/2016 1505	23261

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Phenanthrene	85-01-8	8270D	ND		420	ug/kg	
Phenol	108-95-2	8270D	ND		420	ug/kg	
Pyrene	129-00-0	8270D	ND		420	ug/kg	
2,4,5-Trichlorophenol	95-95-4	8270D	ND		420	ug/kg	
2,4,6-Trichlorophenol	88-06-2	8270D	ND		420	ug/kg	

NA (J) 2/27/17

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2,4,6-Tribromophenol		66	30-117
2-Fluorobiphenyl		51	33-102
2-Fluorophenol		42	28-104
Nitrobenzene-d5		45	22-109
Phenol-d5		50	27-103
Terphenyl-d14		60	41-120

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1000	09/30/2016 1139	MEM	09/28/2016 1858	23163

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		12000 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		12000	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		12000	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		12000	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**140000**		**12000**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**79000**		**12000**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		12000 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	627	41-132
Tetrachloro-m-xylene	N	681	35-106

(J) 2/27/17

Organochlorine Pesticides by GC

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8081B	50	10/03/2016 1447	PMS	09/28/2016 1858	23162

NA (J) 2/27/17

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aldrin	309-00-2	8081B	ND		62	ug/kg	
gamma-BHC (Lindane)	58-89-9	8081B	ND		62	ug/kg	

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-HA-117_1**
Date Sampled: **09/20/2016 1600**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-054**
Matrix: **Solid**
% Solids: **69.8** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	500	10/03/2016 1932	MEM	10/02/2016 1722	23421

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		7000	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		7000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		7000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		7000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**53000**		**7000**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**65000**		**7000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		7000	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	243	41-132
Tetrachloro-m-xylene	N	111	35-106

B 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-DP-106_6**
Date Sampled: **09/20/2016 1420**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-055**
Matrix: **Solid**
% Solids: **78.2** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	10/03/2016 1732	MEM	10/02/2016 1722	23421

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		12	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		12	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		12	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		12	ug/kg	
Aroclor 1248	12672-29-6	8082A	ND		12	ug/kg	
Aroclor 1254	11097-69-1	8082A	ND		12	ug/kg	
Aroclor 1260	11096-82-5	8082A	ND		12	ug/kg	

4

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		77	41-132
Tetrachloro-m-xylene		63	35-106

JB 4/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-HA-110_1**
Date Sampled: **09/20/2016 1435**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-056**
Matrix: **Solid**
% Solids: **77.8** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	10/03/2016 1746	MEM	10/02/2016 1722	23421

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		13 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		13	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		13	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		13	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		13	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**24**		**13**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		13 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		87	41-132
Tetrachloro-m-xylene		75	35-106

JB 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-HA-111_1**
Date Sampled: **09/20/2016 1422**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-057**
Matrix: **Solid**
% Solids: **88.3** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	10/03/2016 1759	MEM	10/02/2016 1722	23421

Parameter	CAS Number	Analytical Method	Result	Q	PQL		Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		10	U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		10		ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		10		ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		10		ug/kg	
Aroclor 1248	12672-29-6	8082A	~~ND~~		10		ug/kg	
Aroclor 1254	**11097-69-1**	**8082A**	**16**		**10**		**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		10	U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		79	41-132
Tetrachloro-m-xylene		72	35-106

JD 4/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-HA-119_4**
Date Sampled: **09/20/2016 0807**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-058**
Matrix: **Solid**
% Solids: **72.9** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	10/03/2016 1812	MEM	10/02/2016 1722	23421

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		13	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		13	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		13	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		13	ug/kg	1
Aroclor 1248	12672-29-6	8082A	ND		13	ug/kg	1
Aroclor 1254	11097-69-1	8082A	ND		13	ug/kg	1
Aroclor 1260	11096-82-5	8082A	ND		13	ug/kg	1

4

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		85	41-132
Tetrachloro-m-xylene		71	35-106

B 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-HA-114_1**
Date Sampled: **09/20/2016 0845**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-059**
Matrix: **Solid**
% Solids: **90.8** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	10/03/2016 1825	MEM	10/02/2016 1722	23421

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		11 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		11	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		11	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		11	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**27**		**11**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**110**		**11**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		11 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		70	41-132
Tetrachloro-m-xylene		63	35-106

JB 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-HA-103_5**
Date Sampled: **09/20/2016 0853**
Date Received: **09/21/2016**

Laboratory ID: **RI21114-060**
Matrix: **Solid**
% Solids: **78.4** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	10/03/2016 1839	MEM	10/02/2016 1722	23421

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		12	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		12	ug/kg	1
Aroclor 1248	12672-29-6	8082A	ND		12	ug/kg	1
Aroclor 1254	11097-69-1	8082A	ND		12	ug/kg	1
Aroclor 1260	11096-82-5	8082A	ND		12	ug/kg	1

4

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		87	41-132
Tetrachloro-m-xylene		71	35-106

2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-52H**
Date Sampled: **09/22/2016 0955**
Date Received: **09/22/2016**

Laboratory ID: **RI22043-001**
Matrix: **Solid**
% Solids: **79.9** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/23/2016 2057	MEM	09/22/2016 1739	22673

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		12 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		12	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		12	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		12	ug/kg	
Aroclor 1248	12672-29-6	8082A	~~ND~~		12	ug/kg	
Aroclor 1254	**11097-69-1**	**8082A**	**200**		**12**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		12 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		98	41-132
Tetrachloro-m-xylene		80	35-106

2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RI22043-002**
Description: **BL-SS-75I**	Matrix: **Solid**
Date Sampled: **09/22/2016 1025**	% Solids: **80.8** **09/22/2016 2320**
Date Received: **09/22/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/23/2016 2111	MEM	09/22/2016 1739	22673

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		12 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		12	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		12	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**75**		**12**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		12 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		113	41-132
Tetrachloro-m-xylene		85	35-106

JS 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-75J**
Date Sampled: **09/22/2016 1025**
Date Received: **09/22/2016**

Laboratory ID: **RI22043-003**
Matrix: **Solid**
% Solids: **82.6** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/23/2016 2151	MEM	09/22/2016 1739	22673

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		12 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		12	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		12	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		12	ug/kg	
Aroclor 1248	12672-29-6	8082A	~~ND~~		12	ug/kg	
Aroclor 1254	**11097-69-1**	**8082A**	**56**		**12**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		12 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		119	41-132
Tetrachloro-m-xylene		99	35-106

D 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **FORD H**
Date Sampled: **09/22/2016 0955**
Date Received: **09/22/2016**

Laboratory ID: **RI22043-004**
Matrix: **Solid**
% Solids: **79.0** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	09/24/2016 0019	MEM	09/22/2016 1739	22673

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		630	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		630	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		630	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		630	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		630	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**3900**		**630**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		630	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		109	41-132
Tetrachloro-m-xylene		94	35-106

JB 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **FORD G**
Date Sampled: **09/22/2016 0955**
Date Received: **09/22/2016**

Laboratory ID: **RI22043-005**
Matrix: **Solid**
% Solids: **58.1** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	09/24/2016 0033	MEM	09/22/2016 1739	22673

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		850	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		850	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		850	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		850	ug/kg	
Aroclor 1248	12672-29-6	8082A	~~ND~~		850	ug/kg	
Aroclor 1254	**11097-69-1**	**8082A**	**1900**		**850**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		850	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		109	41-132
Tetrachloro-m-xylene		100	35-106

JS 1/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RI22043-006**
Description: **BL-SS-48G**	Matrix: **Solid**
Date Sampled: **09/22/2016 1020**	% Solids: **68.5** **09/22/2016 2320**
Date Received: **09/22/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	20	09/23/2016 2353	MEM	09/22/2016 1739	22673

Parameter	CAS Number	Analytical Method	Result	Q	PQL		Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		290	U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		290		ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		290		ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		290		ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		290		ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**1000**		**290**		**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		290	U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		110	41-132
Tetrachloro-m-xylene		96	35-106

JD 2/27/17

POL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-48H**
Date Sampled: **09/22/2016 1020**
Date Received: **09/22/2016**

Laboratory ID: **RI22043-007**
Matrix: **Solid**
% Solids: **59.6** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/23/2016 2205	MEM	09/22/2016 1739	22673

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		16	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		16	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		16	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		16	ug/kg	
Aroclor 1248	12672-29-6	8082A	~~ND~~		16	ug/kg	
Aroclor 1254	**11097-69-1**	**8082A**	**160**		**16**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		16	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		118	41-132
Tetrachloro-m-xylene		96	35-106

B 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RI22043-008**
Description: **BL-SS-48I**	Matrix: **Solid**
Date Sampled: **09/22/2016 1020**	% Solids: **63.9** **09/22/2016 2320**
Date Received: **09/22/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	20	09/24/2016 0006	MEM	09/22/2016 1739	22673

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		300 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		300	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		300	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		300	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		300	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**1900**		**300**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		300 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		109	41-132
Tetrachloro-m-xylene		86	35-106

2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-74E**
Date Sampled: **09/22/2016 1040**
Date Received: **09/22/2016**

Laboratory ID: **RI22043-009**
Matrix: **Solid**
% Solids: **82.5** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/23/2016 2218	MEM	09/22/2016 1739	22673

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		11	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		11	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		11	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		11	ug/kg	
Aroclor 1248	12672-29-6	8082A	~~ND~~		11	ug/kg	
Aroclor 1254	**11097-69-1**	**8082A**	**170**		**11**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		11	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		106	41-132
Tetrachloro-m-xylene		79	35-106

D 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RI22043-010**
Description: **BL-SS-74F**	Matrix: **Solid**
Date Sampled: **09/22/2016 1045**	% Solids: **82.9** **09/22/2016 2320**
Date Received: **09/22/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/23/2016 2232	MEM	09/22/2016 1739	22673

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		12	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		12	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		12	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**170**		**12**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		12	ug/kg	1

U

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		117	41-132
Tetrachloro-m-xylene		92	35-106

JB 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SANTOS E**
Date Sampled: **09/22/2016 1000**
Date Received: **09/22/2016**

Laboratory ID: **RI22043-011**
Matrix: **Solid**
% Solids: **74.7** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	09/24/2016 0046	MEM	09/22/2016 1739	22673

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		620	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		620	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		620	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		620	ug/kg	
Aroclor 1248	12672-29-6	8082A	~~ND~~		620	ug/kg	
Aroclor 1254	**11097-69-1**	**8082A**	**8100**		**620**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		620	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		123	41-132
Tetrachloro-m-xylene		98	35-106

JB 4/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SANTOS F**
Date Sampled: **09/22/2016 1000**
Date Received: **09/22/2016**

Laboratory ID: **RI22043-012**
Matrix: **Solid**
% Solids: **69.9** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	09/24/2016 0100	MEM	09/22/2016 1739	22673

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		660	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		660	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		660	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		660	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		660	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**4800**		**660**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		660	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		120	41-132
Tetrachloro-m-xylene		97	35-106

JS 2/27/17

POL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SANTOS G**
Date Sampled: **09/22/2016 1000**
Date Received: **09/22/2016**

Laboratory ID: **RI22043-013**
Matrix: **Solid**
% Solids: **73.6** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	09/24/2016 0113	MEM	09/22/2016 1739	22673

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		670 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		670	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		670	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		670	ug/kg	
Aroclor 1248	12672-29-6	8082A	~~ND~~		670	ug/kg	
Aroclor 1254	**11097-69-1**	**8082A**	**3400**		**670**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		670 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		75	41-132
Tetrachloro-m-xylene		66	35-106

JS 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SHORT G**
Date Sampled: **09/22/2016 1010**
Date Received: **09/22/2016**

Laboratory ID: **RI22043-014**
Matrix: **Solid**
% Solids: **78.8** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	09/23/2016 2339	MEM	09/22/2016 1739	22673

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		120 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		120	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		120	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		120	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		120	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**560**		**120**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		120 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		106	41-132
Tetrachloro-m-xylene		81	35-106

JB 4/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SHORT H**
Date Sampled: **09/22/2016 1010**
Date Received: **09/22/2016**

Laboratory ID: **RI22043-015**
Matrix: **Solid**
% Solids: **83.6** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	5	09/23/2016 2326	MEM	09/22/2016 1739	22673

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		58 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		58	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		58	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		58	ug/kg	
Aroclor 1248	12672-29-6	8082A	~~ND~~		58	ug/kg	
Aroclor 1254	**11097-69-1**	**8082A**	**230**		**58**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		58 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		104	41-132
Tetrachloro-m-xylene		79	35-106

B 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RI22043-016**
Description: **SHORT I**	Matrix: **Solid**
Date Sampled: **09/22/2016 1010**	% Solids: **82.2** **09/22/2016 2320**
Date Received: **09/22/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/23/2016 2245	MEM	09/22/2016 1739	22673

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		12 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		12	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		12	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**29**		**12**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		12 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		110	41-132
Tetrachloro-m-xylene		87	35-106

B 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **LANE I**
Date Sampled: **09/22/2016 1050**
Date Received: **09/22/2016**

Laboratory ID: **RI22043-017**
Matrix: **Solid**
% Solids: **78.3** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/23/2016 2259	MEM	09/22/2016 1739	22673

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		13	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		13	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		13	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		13	ug/kg	
Aroclor 1248	12672-29-6	8082A	~~ND~~		13	ug/kg	
Aroclor 1254	**11097-69-1**	**8082A**	**33**		**13**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		13	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		109	41-132
Tetrachloro-m-xylene		82	35-106

JB 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **LANE J**
Date Sampled: **09/22/2016 1055**
Date Received: **09/22/2016**

Laboratory ID: **RI22043-018**
Matrix: **Solid**
% Solids: **79.1** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	09/23/2016 2312	MEM	09/22/2016 1739	22673

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		13 UA	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		13	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		13	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		13	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		13	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**34**		**13**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		13 UA	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		104	41-132
Tetrachloro-m-xylene		93	35-106

JB 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-216**
Date Sampled: **09/22/2016 1125**
Date Received: **09/22/2016**

Laboratory ID: **RI22044-001**
Matrix: **Solid**
% Solids: **71.8** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	200	10/04/2016 1140	MEM	10/02/2016 2144	23422

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		2800 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		2800	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		2800	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		2800	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**43000**		**2800**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**29000**		**2800**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		2800 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		110	41-132
Tetrachloro-m-xylene	N	294	35-106

JR 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BL-SS-215**
Date Sampled: **09/22/2016 1130**
Date Received: **09/22/2016**

Laboratory ID: **RI22044-002**
Matrix: **Solid**
% Solids: **78.3** **09/22/2016 2320**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	100	10/04/2016 1047	MEM	10/03/2016 1530	23514

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		1300 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		1300	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		1300	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		1300	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**17000**		**1300**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**4800**		**1300**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		1300 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		79	41-132
Tetrachloro-m-xylene		76	35-106

CB 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **260 FRONT C**
Date Sampled: **10/05/2016 1038**
Date Received: **10/05/2016**

Laboratory ID: **RJ05119-001**
Matrix: **Solid**
% Solids: **76.3** **10/05/2016 2347**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	10/07/2016 1115	MEM	10/06/2016 1315	23823

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aroclor 1016	12674-11-2	8082A	ND		12	ug/kg
Aroclor 1221	11104-28-2	8082A	ND		12	ug/kg
Aroclor 1232	11141-16-5	8082A	ND		12	ug/kg
Aroclor 1242	53469-21-9	8082A	ND		12	ug/kg
Aroclor 1248	12672-29-6	8082A	ND		12	ug/kg
Aroclor 1254	11097-69-1	8082A	ND		12	ug/kg
Aroclor 1260	11096-82-5	8082A	ND		12	ug/kg

4

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		85	41-132
Tetrachloro-m-xylene		76	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RJ05119-002**
Description: **260 FRONT B**	Matrix: **Solid**
Date Sampled: **10/05/2016 1047**	% Solids: **83.1** **10/05/2016 2347**
Date Received: **10/05/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	10/07/2016 1128	MEM	10/06/2016 1315	23823

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		12 u	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		12	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		12	ug/kg	1
Aroclor 1254	11097-69-1	8082A	~~ND~~		12	ug/kg	1
Aroclor 1260	11096-82-5	8082A	~~ND~~		12	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		84	41-132
Tetrachloro-m-xylene		76	35-106

B 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **260 FRONT A**
Date Sampled: **10/05/2016 1030**
Date Received: **10/05/2016**

Laboratory ID: **RJ05119-003**
Matrix: **Solid**
% Solids: **80.8** **10/05/2016 2347**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	10/07/2016 1141	MEM	10/06/2016 1315	23823

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		12 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		12	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		12	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		12	ug/kg	
Aroclor 1248	12672-29-6	8082A	ND		12	ug/kg	
Aroclor 1254	11097-69-1	8082A	ND		12	ug/kg	
Aroclor 1260	11096-82-5	8082A	ND		12	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		82	41-132
Tetrachloro-m-xylene		74	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **GAINEY C**
Date Sampled: **10/05/2016 1110**
Date Received: **10/05/2016**

Laboratory ID: **RJ05119-004**
Matrix: **Solid**
% Solids: **79.8** **10/05/2016 2347**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	10/07/2016 1155	MEM	10/06/2016 1315	23823

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		12	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		12	ug/kg	1
Aroclor 1248	12672-29-6	8082A	ND		12	ug/kg	1
Aroclor 1254	11097-69-1	8082A	ND		12	ug/kg	1
Aroclor 1260	11096-82-5	8082A	ND		12	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		67	41-132
Tetrachloro-m-xylene		59	35-106

u

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **GAINEY A**
Date Sampled: **10/05/2016 1117**
Date Received: **10/05/2016**

Laboratory ID: **RJ05119-005**
Matrix: **Solid**
% Solids: **82.4** **10/05/2016 2347**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	10/07/2016 1208	MEM	10/06/2016 1315	23823

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		11	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		11	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		11	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		11	ug/kg	
Aroclor 1248	12672-29-6	8082A	ND		11	ug/kg	
Aroclor 1254	11097-69-1	8082A	ND		11	ug/kg	
Aroclor 1260	11096-82-5	8082A	ND		11	ug/kg	

4

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		69	41-132
Tetrachloro-m-xylene		63	35-106

B 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **GAINEY B**
Date Sampled: **10/05/2016 1127**
Date Received: **10/05/2016**

Laboratory ID: **RJ05119-006**
Matrix: **Solid**
% Solids: **85.6** **10/05/2016 2347**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	10/07/2016 1221	MEM	10/06/2016 1315	23823

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		11 u	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		11	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		11	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		11	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		11	ug/kg	1
Aroclor 1254	11097-69-1	8082A	~~ND~~		11	ug/kg	1
Aroclor 1260	11096-82-5	8082A	~~ND~~		11	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		71	41-132
Tetrachloro-m-xylene		64	35-106

JB 2/28/17

POL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **256 FRONT A**
Date Sampled: **10/05/2016 1141**
Date Received: **10/05/2016**

Laboratory ID: **RJ05119-007**
Matrix: **Solid**
% Solids: **75.1** **10/05/2016 2347**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	10/07/2016 1234	MEM	10/06/2016 1315	23823

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		12	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		12	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		12	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		12	ug/kg	
Aroclor 1248	12672-29-6	8082A	ND		12	ug/kg	
Aroclor 1254	**11097-69-1**	**8082A**	**66**		**12**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	ND		12	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		65	41-132
Tetrachloro-m-xylene		62	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RJ05119-008**
Description: **256 FRONT B**	Matrix: **Solid**
Date Sampled: **10/05/2016 1150**	% Solids: **84.4** **10/05/2016 2347**
Date Received: **10/05/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	10/07/2016 1248	MEM	10/06/2016 1315	23823

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		11 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		11	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		11	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		11	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		11	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**130**		**11**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		11 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		74	41-132
Tetrachloro-m-xylene		62	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **256 FRONT C**
Date Sampled: **10/05/2016 1157**
Date Received: **10/05/2016**

Laboratory ID: **RJ05119-009**
Matrix: **Solid**
% Solids: **90.6** **10/05/2016 2347**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	10/07/2016 1301	MEM	10/06/2016 1315	23823

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		10	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		10	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		10	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		10	ug/kg	
Aroclor 1248	12672-29-6	8082A	~~ND~~		10	ug/kg	
Aroclor 1254	**11097-69-1**	**8082A**	**130**		**10**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		10	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		56	41-132
Tetrachloro-m-xylene		54	35-106

JD 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SITES A**
Date Sampled: **10/05/2016 1211**
Date Received: **10/05/2016**

Laboratory ID: **RJ05119-010**
Matrix: **Solid**
% Solids: **76.0** **10/05/2016 2347**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	10/07/2016 1314	MEM	10/06/2016 1315	23823

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		12 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		12	ug/kg	1
Aroclor 1248	12672-29-6	8082A	ND		12	ug/kg	1
Aroclor 1254	11097-69-1	8082A	ND		12	ug/kg	1
Aroclor 1260	11096-82-5	8082A	ND		12	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		80	41-132
Tetrachloro-m-xylene		75	35-106

JI 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SITE C**
Date Sampled: **10/05/2016 1217**
Date Received: **10/05/2016**

Laboratory ID: **RJ05119-011**
Matrix: **Solid**
% Solids: **87.0** **10/05/2016 2347**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	10/07/2016 1327	MEM	10/06/2016 1315	23823

Parameter	CAS Number	Analytical Method	Result	Q	PQL		Units	R
Aroclor 1016	12674-11-2	8082A	ND		11	U	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		11		ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		11		ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		11		ug/kg	
Aroclor 1248	12672-29-6	8082A	ND		11		ug/kg	
Aroclor 1254	11097-69-1	8082A	ND		11		ug/kg	
Aroclor 1260	11096-82-5	8082A	ND		11		ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		67	41-132
Tetrachloro-m-xylene		65	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SITE B**
Date Sampled: **10/05/2016 1226**
Date Received: **10/05/2016**

Laboratory ID: **RJ05119-012**
Matrix: **Solid**
% Solids: **84.4** **10/05/2016 2347**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	10/07/2016 1340	MEM	10/06/2016 1315	23823

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		11 UJ	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		11 UJ	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		11 UJ	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		11 UJ	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		11 UJ	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**19**	**J**	**11**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		11 UJ	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		68	41-132
Tetrachloro-m-xylene		67	35-106

JS 2/27/17

03/20/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **HEFFNER A**
Date Sampled: **10/05/2016 1237**
Date Received: **10/05/2016**

Laboratory ID: **RJ05119-013**
Matrix: **Solid**
% Solids: **88.1** **10/05/2016 2347**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	10/07/2016 0854	MEM	10/06/2016 1315	23823

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		11 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		11	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		11	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		11	ug/kg	
Aroclor 1248	12672-29-6	8082A	~~ND~~		11	ug/kg	
Aroclor 1254	11097-69-1	8082A	~~ND~~		11	ug/kg	
Aroclor 1260	11096-82-5	8082A	~~ND~~		11	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		78	41-132
Tetrachloro-m-xylene		73	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **HEFFNER B**
Date Sampled: **10/05/2016 1245**
Date Received: **10/05/2016**

Laboratory ID: **RJ05119-014**
Matrix: **Solid**
% Solids: **92.5** **10/05/2016 2347**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	10/07/2016 0907	MEM	10/06/2016 1315	23823

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		10 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		10	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		10	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		10	ug/kg	1
Aroclor 1248	12672-29-6	8082A	ND		10	ug/kg	1
Aroclor 1254	11097-69-1	8082A	ND		10	ug/kg	1
Aroclor 1260	11096-82-5	8082A	ND		10	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		90	41-132
Tetrachloro-m-xylene		85	35-106

JB 2/28/17

POL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SHORT E 0-1**
Date Sampled: **10/05/2016 1338**
Date Received: **10/05/2016**

Laboratory ID: **RJ05119-015**
Matrix: **Solid**
% Solids: **83.7** **10/05/2016 2347**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	200	10/07/2016 0933	MEM	10/06/2016 1315	23823

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aroclor 1016	12674-11-2	8082A	~~ND~~		2200 U	ug/kg
Aroclor 1221	11104-28-2	8082A	~~ND~~		2200	ug/kg
Aroclor 1232	11141-16-5	8082A	~~ND~~		2200	ug/kg
Aroclor 1242	53469-21-9	8082A	~~ND~~		2200	ug/kg
Aroclor 1248	**12672-29-6**	**8082A**	**29000**		**2200**	**ug/kg**
Aroclor 1254	**11097-69-1**	**8082A**	**28000**		**2200**	**ug/kg**
Aroclor 1260	11096-82-5	8082A	~~ND~~		2200 U	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		119	41-132
Tetrachloro-m-xylene		76	35-106

JS 4/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RJ05119-016**
Description: **SHORT E 1-2**	Matrix: **Solid**
Date Sampled: **10/05/2016 1345**	% Solids: **84.0** **10/05/2016 2347**
Date Received: **10/05/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	10/07/2016 0947	MEM	10/06/2016 1315	23823

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		550 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		550	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		550	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		550	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**4800**		**550**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**3000**		**550**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		550 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		99	41-132
Tetrachloro-m-xylene		86	35-106

JB 4/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SWING**
Date Sampled: **10/05/2016 1506**
Date Received: **10/05/2016**

Laboratory ID: **RJ05119-017**
Matrix: **Solid**
% Solids: **92.2** **10/05/2016 2347**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	10/07/2016 1000	MEM	10/06/2016 1315	23823

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		510 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		510	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		510	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		510	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**6200**		**510**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**4700**		**510**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		510 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		107	41-132
Tetrachloro-m-xylene		92	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SLIDE**
Date Sampled: **10/05/2016 1515**
Date Received: **10/05/2016**

Laboratory ID: **RJ05119-018**
Matrix: **Solid**
% Solids: **98.6** **10/05/2016 2347**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	10/07/2016 0920	MEM	10/06/2016 1315	23823

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		9.9	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		9.9	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		9.9	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		9.9	ug/kg	1
Aroclor 1248	12672-29-6	8082A	ND		9.9	ug/kg	1
Aroclor 1254	11097-69-1	8082A	ND		9.9	ug/kg	1
Aroclor 1260	11096-82-5	8082A	ND		9.9	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		70	41-132
Tetrachloro-m-xylene		62	35-106

Q

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BABYSWING**
Date Sampled: **10/05/2016 1514**
Date Received: **10/05/2016**

Laboratory ID: **RJ05119-019**
Matrix: **Solid**
% Solids: **67.3** **10/05/2016 2347**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	100	10/07/2016 1048	MEM	10/06/2016 1315	23823

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		1500 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		1500	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		1500	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		1500	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**13000**		**1500**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**8100**		**1500**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		1500 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		96	41-132
Tetrachloro-m-xylene		64	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **PARK GRASSY AREA**
Date Sampled: **10/05/2016 1525**
Date Received: **10/05/2016**

Laboratory ID: **RJ05119-020**
Matrix: **Solid**
% Solids: **59.6** **10/05/2016 2347**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	10/06/2016 2239	MEM	10/06/2016 1315	23823

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		160 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		160	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		160	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		160	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**1400**		**160**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**1600**		**160**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		160 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		83	41-132
Tetrachloro-m-xylene		79	35-106

JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **HP-SS-3**
Date Sampled: **10/20/2016 1100**
Date Received: **10/20/2016**

Laboratory ID: **RJ20065-001**
Matrix: **Solid**
% Solids: **59.8** **10/20/2016 2332**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	10/25/2016 1008	MEM	10/21/2016 1748	24932

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		780	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		780	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		780	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		780	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**7200**		**780**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**6500**		**780**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		780	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		106	41-132
Tetrachloro-m-xylene		88	35-106

2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **HP-SB-3**
Date Sampled: **10/20/2016 1115**
Date Received: **10/20/2016**

Laboratory ID: **RJ20065-002**
Matrix: **Solid**
% Solids: **79.4** **10/20/2016 2332**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	100	10/25/2016 1022	MEM	10/21/2016 1748	24932

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		1200 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		1200	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		1200	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		1200	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**16000**		**1200**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**13000**		**1200**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		1200 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		112	41-132
Tetrachloro-m-xylene		102	35-106

JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **HP-SS-4**
Date Sampled: **10/20/2016 1130**
Date Received: **10/20/2016**

Laboratory ID: **RJ20065-003**
Matrix: **Solid**
% Solids: **71.5** **10/20/2016 2332**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	10/25/2016 1035	MEM	10/21/2016 1748	24932

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		670	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		670	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		670	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		670	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**5200**		**670**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**5700**		**670**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		670	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		99	41-132
Tetrachloro-m-xylene		89	35-106

D 2/28/17

POL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **HP-SS-5**
Date Sampled: **10/20/2016 1145**
Date Received: **10/20/2016**

Laboratory ID: **RJ20065-004**
Matrix: **Solid**
% Solids: **62.8** **10/20/2016 2332**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	10/25/2016 1049	MEM	10/21/2016 1748	24932

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		740	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		740	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		740	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		740	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**6200**		**740**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**5100**		**740**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		740	ug/kg	1

U U U U U

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		113	41-132
Tetrachloro-m-xylene		101	35-106

JS 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **PW-SS-7**
Date Sampled: **10/20/2016 1200**
Date Received: **10/20/2016**

Laboratory ID: **RJ20065-005**
Matrix: **Solid**
% Solids: **81.9** **10/20/2016 2332**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	10/24/2016 1748	MEM	10/21/2016 1748	24932

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		120	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		120	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		120	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		120	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		120	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**1100**		**120**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		120	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		81	41-132
Tetrachloro-m-xylene		80	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **VL-SS-9**
Date Sampled: **10/20/2016 1240**
Date Received: **10/20/2016**

Laboratory ID: **RJ20065-006**
Matrix: **Solid**
% Solids: **76.7** **10/20/2016 2332**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	100	10/25/2016 1102	MEM	10/21/2016 1748	24932

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		1300 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		1300	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		1300	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		1300	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**16000**		**1300**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**12000**		**1300**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		1300 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		119	41-132
Tetrachloro-m-xylene	N	107	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **VL-SS-10**
Date Sampled: **10/20/2016 1230**
Date Received: **10/20/2016**

Laboratory ID: **RJ20065-007**
Matrix: **Solid**
% Solids: **72.9** **10/20/2016 2332**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	10/24/2016 1815	MEM	10/21/2016 1748	24932

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		130	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		130	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		130	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		130	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**4300**		**130**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**3100**		**130**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		130	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		90	41-132
Tetrachloro-m-xylene		92	35-106

JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **HP-001-SD**
Date Sampled: **10/20/2016 1051**
Date Received: **10/20/2016**

Laboratory ID: **RJ20065-008**
Matrix: **Solid**
% Solids: **79.3** **10/20/2016 2332**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	10/24/2016 1828	MEM	10/21/2016 1748	24932

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		120 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		120	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		120	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		120	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**180**		**120**	**ug/kg**	**1**
Aroclor 1254	11097-69-1	8082A	~~ND~~		120 U	ug/kg	1
Aroclor 1260	11096-82-5	8082A	~~ND~~		120 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		99	41-132
Tetrachloro-m-xylene		102	35-106

JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **HP-001-DS**
Date Sampled: **10/20/2016 1055**
Date Received: **10/20/2016**

Laboratory ID: **RJ20065-009**
Matrix: **Solid**
% Solids: **84.5** **10/20/2016 2332**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	10/24/2016 1842	MEM	10/21/2016 1748	24932

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		110 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		110	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		110	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		110	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**510**		**110**	**ug/kg**	**1**
Aroclor 1254	11097-69-1	8082A	~~ND~~		110 U	ug/kg	1
Aroclor 1260	11096-82-5	8082A	~~ND~~		110 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		102	41-132
Tetrachloro-m-xylene		104	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **HP-002-SD**
Date Sampled: **10/20/2016 1115**
Date Received: **10/20/2016**

Laboratory ID: **RJ20065-010**
Matrix: **Solid**
% Solids: **80.4** **10/20/2016 2332**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	10/24/2016 1855	MEM	10/21/2016 1748	24932

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		120 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		120	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		120	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		120	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**300**		**120**	**ug/kg**	**1**
Aroclor 1254	11097-69-1	8082A	~~ND~~		120 U	ug/kg	1
Aroclor 1260	11096-82-5	8082A	~~ND~~		120 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		97	41-132
Tetrachloro-m-xylene		101	35-106

JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **HP-002-DS**
Date Sampled: **10/20/2016 1120**
Date Received: **10/20/2016**

Laboratory ID: **RJ20065-011**
Matrix: **Solid**
% Solids: **82.7** **10/20/2016 2332**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	10/24/2016 1909	MEM	10/21/2016 1748	24932

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		120 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		120	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		120	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		120	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**470**		**120**	**ug/kg**	**1**
Aroclor 1254	11097-69-1	8082A	~~ND~~		120 U	ug/kg	1
Aroclor 1260	11096-82-5	8082A	~~ND~~		120 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		97	41-132
Tetrachloro-m-xylene		91	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **HP-006-CS**
Date Sampled: **10/20/2016 1137**
Date Received: **10/20/2016**

Laboratory ID: **RJ20065-012**
Matrix: **Solid**
% Solids: **94.3** **10/20/2016 2332**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	10/24/2016 1949	MEM	10/21/2016 1748	24932

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		97	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		97	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		97	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		97	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**610**		**97**	**ug/kg**	**1**
Aroclor 1254	11097-69-1	8082A	~~ND~~		97	ug/kg	1
Aroclor 1260	11096-82-5	8082A	~~ND~~		97	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		88	41-132
Tetrachloro-m-xylene		93	35-106

JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **PW-008-SS**
Date Sampled: **10/20/2016 1158**
Date Received: **10/20/2016**

Laboratory ID: **RJ20065-013**
Matrix: **Solid**
% Solids: **84.5** **10/20/2016 2332**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	10/24/2016 2002	MEM	10/21/2016 1748	24932

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		120	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		120	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		120	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		120	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		120	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**1500**		**120**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		120	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		85	41-132
Tetrachloro-m-xylene		82	35-106

4/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **VL-011-SS**
Date Sampled: **10/20/2016 1221**
Date Received: **10/20/2016**

Laboratory ID: **RJ20065-014**
Matrix: **Solid**
% Solids: **85.0** **10/20/2016 2332**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	10/24/2016 2016	MEM	10/21/2016 1748	24932

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		110 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		110	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		110	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		110	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**1300**		**110**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**1100**		**110**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		110 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		84	41-132
Tetrachloro-m-xylene		83	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

PCBs by GC

Client: **synTerra**
Description: **VL-011-SB**
Date Sampled: **10/20/2016 1226**
Date Received: **10/20/2016**

Laboratory ID: **RJ20065-015**
Matrix: **Solid**
% Solids: **76.1** **10/20/2016 2332**

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	10/25/2016 0955	MEM	10/21/2016 1748	24932

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		12	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		12	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**83**		**12**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**68**		**12**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		12	ug/kg	1

u

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		96	41-132
Tetrachloro-m-xylene		93	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RK16050-001**
Description: **323-C SLIDING HILLS**	Matrix: **Solid**
Date Sampled: **11/15/2016 1325**	% Solids: **96.3** **11/16/2016 2215**
Date Received: **11/16/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/18/2016 1926	MEM	11/17/2016 2131	27141

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		10 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		10	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		10	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		10	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		10	ug/kg	1
Aroclor 1254	11097-69-1	8082A	~~ND~~		10	ug/kg	1
Aroclor 1260	11096-82-5	8082A	~~ND~~		10	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		76	41-132
Tetrachloro-m-xylene		94	35-106

(J) 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **PERRY-"A"**
Date Sampled: **11/15/2016 1305**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-002**
Matrix: **Solid**
% Solids: **77.1** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/18/2016 1939	MEM	11/17/2016 2131	27141

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aroclor 1016	12674-11-2	8082A	~~ND~~		13 U	ug/kg
Aroclor 1221	11104-28-2	8082A	~~ND~~		13	ug/kg
Aroclor 1232	11141-16-5	8082A	~~ND~~		13	ug/kg
Aroclor 1242	53469-21-9	8082A	~~ND~~		13	ug/kg
Aroclor 1248	**12672-29-6**	**8082A**	**14**		**13**	**ug/kg**
Aroclor 1254	**11097-69-1**	**8082A**	**21**		**13**	**ug/kg**
Aroclor 1260	11096-82-5	8082A	~~ND~~		13 U	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		61	41-132
Tetrachloro-m-xylene		76	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **PERRY-"B"**
Date Sampled: **11/15/2016 1306**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-003**
Matrix: **Solid**
% Solids: **74.5** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/18/2016 1952	MEM	11/17/2016 2131	27141

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		12 4	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		12	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		12	ug/kg	1
Aroclor 1254	11097-69-1	8082A	~~ND~~		12	ug/kg	1
Aroclor 1260	11096-82-5	8082A	~~ND~~		12	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		64	41-132
Tetrachloro-m-xylene		78	35-106

(B) 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **323-B SLIDING HILLS**
Date Sampled: **11/15/2016 1315**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-004**
Matrix: **Solid**
% Solids: **76.8** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/18/2016 2006	MEM	11/17/2016 2131	27141

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	F
Aroclor 1016	12674-11-2	8082A	~~ND~~		13	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		13	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		13	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		13	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**19**		**13**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**19**		**13**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		13	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		85	41-132
Tetrachloro-m-xylene		83	35-106

B 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SD-308**
Date Sampled: **11/15/2016 1205**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-005**
Matrix: **Solid**
% Solids: **79.1** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	11/18/2016 1519	MEM	11/17/2016 2131	27141

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		120	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		120	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		120	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		120	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**2500**		**120**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**1500**		**120**	**ug/kg**	**1**
Aroclor 1260	**11096-82-5**	**8082A**	**210**		**120**	**ug/kg**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		89	41-132
Tetrachloro-m-xylene		98	35-106

U 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SD-300**
Date Sampled: **11/15/2016 1140**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-006**
Matrix: **Solid**
% Solids: **43.0** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/18/2016 2019	MEM	11/17/2016 2131	27141

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aroclor 1016	12674-11-2	8082A	~~ND~~		22 U	ug/kg
Aroclor 1221	11104-28-2	8082A	~~ND~~		22	ug/kg
Aroclor 1232	11141-16-5	8082A	~~ND~~		22	ug/kg
Aroclor 1242	53469-21-9	8082A	~~ND~~		22	ug/kg
Aroclor 1248	12672-29-6	8082A	~~ND~~		22	ug/kg
Aroclor 1254	11097-69-1	8082A	~~ND~~		22	ug/kg
Aroclor 1260	11096-82-5	8082A	~~ND~~		22	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		81	41-132
Tetrachloro-m-xylene		94	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RK16050-007**
Description: **SD-301**	Matrix: **Solid**
Date Sampled: **11/15/2016 1155**	% Solids: **83.3** **11/16/2016 2215**
Date Received: **11/16/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/21/2016 1325	MEM	11/18/2016 2126	27263

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		12	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		12	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**96**		**12**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**73**		**12**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		12	ug/kg	1

u

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		96	41-132
Tetrachloro-m-xylene		85	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: 114 POPLAR "B"
Date Sampled: 11/15/2016 1200
Date Received: 11/16/2016

Laboratory ID: RK16050-008
Matrix: Solid
% Solids: 87.2 11/16/2016 2215

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/21/2016 1338	MEM	11/18/2016 2126	27263

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		11 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		11	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		11	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		11	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**170**		**11**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**160**		**11**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		11 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		102	41-132
Tetrachloro-m-xylene		77	35-106

JD 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RK16050-009**
Description: **103 PARK "B"**	Matrix: **Solid**
Date Sampled: **11/15/2016 1125**	% Solids: **80.4** **11/16/2016 2215**
Date Received: **11/16/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/21/2016 1352	MEM	11/18/2016 2126	27263

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		12 UA	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		12	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**53**		**12**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**53**		**12**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		12 UA	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		93	41-132
Tetrachloro-m-xylene		78	35-106

JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **311-C SLIDING HILL**
Date Sampled: **11/15/2016 1645**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-010**
Matrix: **Solid**
% Solids: **67.0** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/21/2016 1405	MEM	11/18/2016 2126	27263

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aroclor 1016	12674-11-2	8082A	~~ND~~		14 U	ug/kg
Aroclor 1221	11104-28-2	8082A	~~ND~~		14	ug/kg
Aroclor 1232	11141-16-5	8082A	~~ND~~		14	ug/kg
Aroclor 1242	53469-21-9	8082A	~~ND~~		14	ug/kg
Aroclor 1248	**12672-29-6**	**8082A**	**62**		**14**	**ug/kg**
Aroclor 1254	**11097-69-1**	**8082A**	**74**		**14**	**ug/kg**
Aroclor 1260	11096-82-5	8082A	~~ND~~		14 U	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		100	41-132
Tetrachloro-m-xylene		85	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RK16050-011**
Description: **SNYDER CREEK**	Matrix: **Solid**
Date Sampled: **11/15/2016 1308**	% Solids: **62.1** **11/16/2016 2215**
Date Received: **11/16/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/21/2016 1419	MEM	11/18/2016 2126	27263

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		16	U ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		16	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		16	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		16	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**25**		**16**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**21**		**16**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		16	U ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		92	41-132
Tetrachloro-m-xylene		87	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SNYDER B**
Date Sampled: **11/15/2016 1207**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-012**
Matrix: **Solid**
% Solids: **82.2** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/21/2016 1432	MEM	11/18/2016 2126	27263

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		11 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		11	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		11	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		11	ug/kg	
Aroclor 1248	12672-29-6	8082A	~~ND~~		11	ug/kg	
Aroclor 1254	11097-69-1	8082A	~~ND~~		11	ug/kg	
Aroclor 1260	11096-82-5	8082A	~~ND~~		11	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		87	41-132
Tetrachloro-m-xylene		82	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RK16050-013**
Description: **SNYDER E**	Matrix: **Solid**
Date Sampled: **11/15/2016 1300**	% Solids: **84.5** **11/16/2016 2215**
Date Received: **11/16/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/21/2016 1446	MEM	11/18/2016 2126	27263

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		11 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		11	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		11	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		11	ug/kg	1
Aroclor 1248	12672-29-6	8082A	ND		11	ug/kg	1
Aroclor 1254	11097-69-1	8082A	ND		11	ug/kg	1
Aroclor 1260	11096-82-5	8082A	ND		11	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		91	41-132
Tetrachloro-m-xylene		81	35-106

JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SNYDER TIM**
Date Sampled: **11/15/2016 1135**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-014**
Matrix: **Solid**
% Solids: **84.3** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/21/2016 1459	MEM	11/18/2016 2126	27263

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aroclor 1016	12674-11-2	8082A	~~ND~~		11 U	ug/kg
Aroclor 1221	11104-28-2	8082A	~~ND~~		11	ug/kg
Aroclor 1232	11141-16-5	8082A	~~ND~~		11	ug/kg
Aroclor 1242	53469-21-9	8082A	~~ND~~		11	ug/kg
Aroclor 1248	**12672-29-6**	**8082A**	**27**		**11**	**ug/kg**
Aroclor 1254	**11097-69-1**	**8082A**	**28**		**11**	**ug/kg**
Aroclor 1260	11096-82-5	8082A	~~ND~~		11 U	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		84	41-132
Tetrachloro-m-xylene		72	35-106

JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RK16050-015**
Description: **SNYDER D**	Matrix: **Solid**
Date Sampled: **11/15/2016 1235**	% Solids: **83.4** **11/16/2016 2215**
Date Received: **11/16/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/21/2016 1513	MEM	11/18/2016 2126	27263

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		11	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		11	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		11	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		11	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		11	ug/kg	1
Aroclor 1254	11097-69-1	8082A	~~ND~~		11	ug/kg	1
Aroclor 1260	11096-82-5	8082A	~~ND~~		11	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		54	41-132
Tetrachloro-m-xylene		48	35-106

4

2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **103 PARK C**
Date Sampled: **11/15/2016 1140**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-016**
Matrix: **Solid**
% Solids: **87.4** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	11/20/2016 1558	MEM	11/18/2016 2126	27263

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		110	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		110	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		110	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		110	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**2300**		**110**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**1500**		**110**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		110	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		82	41-132
Tetrachloro-m-xylene		86	35-106

JB 4/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RK16050-017**
Description: **103 PARK A**	Matrix: **Solid**
Date Sampled: **11/15/2016 1130**	% Solids: **91.8** **11/16/2016 2215**
Date Received: **11/16/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/21/2016 1526	MEM	11/18/2016 2126	27263

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		10	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		10	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		10	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		10	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**13**		**10**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**11**		**10**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		10	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		86	41-132
Tetrachloro-m-xylene		73	35-106

JS 2/27/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **114 POPLAR A**
Date Sampled: **11/15/2016 1211**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-018**
Matrix: **Solid**
% Solids: **86.7** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/21/2016 1539	MEM	11/18/2016 2126	27263

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aroclor 1016	12674-11-2	8082A	~~ND~~		11 U	ug/kg
Aroclor 1221	11104-28-2	8082A	~~ND~~		11	ug/kg
Aroclor 1232	11141-16-5	8082A	~~ND~~		11	ug/kg
Aroclor 1242	53469-21-9	8082A	~~ND~~		11	ug/kg
Aroclor 1248	**12672-29-6**	**8082A**	**150**		**11**	**ug/kg**
Aroclor 1254	**11097-69-1**	**8082A**	**230**		**11**	**ug/kg**
Aroclor 1260	11096-82-5	8082A	~~ND~~		11 U	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		88	41-132
Tetrachloro-m-xylene		82	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RK16050-019**
Description: **323 A SLIDING HILLS**	Matrix: **Solid**
Date Sampled: **11/15/2016 1310**	% Solids: **77.0** **11/16/2016 2215**
Date Received: **11/16/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/21/2016 1553	MEM	11/18/2016 2126	27263

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		12 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		12	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**170**		**12**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**120**		**12**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		12 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		75	41-132
Tetrachloro-m-xylene		66	35-106

JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **101 B STATE**
Date Sampled: **11/15/2016 1540**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-020**
Matrix: **Solid**
% Solids: **78.7** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/21/2016 1606	MEM	11/18/2016 2126	27263

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	F
Aroclor 1016	12674-11-2	8082A	~~ND~~		13 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		13	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		13	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		13	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**20**		**13**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**37**		**13**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		13 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		105	41-132
Tetrachloro-m-xylene		72	35-106

JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **109 A HUCKLEBERRY**
Date Sampled: **11/15/2016 1600**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-021**
Matrix: **Solid**
% Solids: **83.7** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/21/2016 1620	MEM	11/18/2016 2126	27263

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		12	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		12	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**72**		**12**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**52**		**12**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		12	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		90	41-132
Tetrachloro-m-xylene		80	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **102 B HUCKLEBERRY**
Date Sampled: **11/15/2016 1620**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-022**
Matrix: **Solid**
% Solids: **72.9** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/21/2016 1633	MEM	11/18/2016 2126	27263

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aroclor 1016	12674-11-2	8082A	~~ND~~		13 U	ug/kg
Aroclor 1221	11104-28-2	8082A	~~ND~~		13	ug/kg
Aroclor 1232	11141-16-5	8082A	~~ND~~		13	ug/kg
Aroclor 1242	53469-21-9	8082A	~~ND~~		13	ug/kg
Aroclor 1248	**12672-29-6**	**8082A**	13		**13**	**ug/kg**
Aroclor 1254	11097-69-1	8082A	~~ND~~		13 U	ug/kg
Aroclor 1260	11096-82-5	8082A	~~ND~~		13 U	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		109	41-132
Tetrachloro-m-xylene		79	35-106

JB 2/23/17

POL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **109 B HUCKLEBERRY**
Date Sampled: **11/15/2016 1555**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-023**
Matrix: **Solid**
% Solids: **78.1** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/21/2016 1647	MEM	11/18/2016 2126	27263

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		12	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		12	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**140**		**12**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**120**		**12**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		12	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		119	41-132
Tetrachloro-m-xylene		69	35-106

JB 2/28/17

POL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **101 A STATE**
Date Sampled: **11/15/2016 1530**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-024**
Matrix: **Solid**
% Solids: **81.9** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/25/2016 1124	MEM	11/22/2016 2020	27516

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aroclor 1016	12674-11-2	8082A	ND		12	ug/kg
Aroclor 1221	11104-28-2	8082A	ND		12	ug/kg
Aroclor 1232	11141-16-5	8082A	ND		12	ug/kg
Aroclor 1242	53469-21-9	8082A	ND		12	ug/kg
Aroclor 1248	12672-29-6	8082A	ND		12	ug/kg
Aroclor 1254	11097-69-1	8082A	ND		12	ug/kg
Aroclor 1260	11096-82-5	8082A	ND		12	ug/kg

u

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		65	41-132
Tetrachloro-m-xylene		59	35-106

JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RK16050-025**
Description: **SMITH D**	Matrix: **Solid**
Date Sampled: **11/15/2016 1630**	% Solids: **86.0** **11/16/2016 2215**
Date Received: **11/16/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	100	11/25/2016 1138	MEM	11/22/2016 2020	27516

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		1100 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		1100	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		1100	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		1100	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**7300**	~~P~~ J	**1100**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**7800**	~~P~~ J	**1100**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		1100 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	136	41-132
Tetrachloro-m-xylene	N	121	35-106

JD 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SMITH C**
Date Sampled: **11/15/2016 1631**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-026**
Matrix: **Solid**
% Solids: **83.2** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	200	11/25/2016 1151	MEM	11/22/2016 2020	27516

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		2300	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		2300	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		2300	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		2300	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**38000**		**2300**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**32000**		**2300**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		2300	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		115	41-132
Tetrachloro-m-xylene		104	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RK16050-027**
Description: **SMITH A**	Matrix: **Solid**
Date Sampled: **11/15/2016 1625**	% Solids: **82.3** **11/16/2016 2215**
Date Received: **11/16/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/25/2016 1205	MEM	11/22/2016 2020	27516

Parameter	CAS Number	Analytical Method	Result	Q	PQL		Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		12	U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		12	U	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		12	U	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		12	U	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		12	UJ	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**37**		**12**		**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		12	U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		59	41-132
Tetrachloro-m-xylene		39	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **102 A HUCKLEBERRY**
Date Sampled: **11/15/2016 1615**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-028**
Matrix: **Solid**
% Solids: **87.5** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/25/2016 1218	MEM	11/22/2016 2020	27516

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	F
Aroclor 1016	12674-11-2	8082A	ND		11 UA	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		11	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		11	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		11	ug/kg	
Aroclor 1248	12672-29-6	8082A	ND		11	ug/kg	
Aroclor 1254	11097-69-1	8082A	ND		11	ug/kg	
Aroclor 1260	11096-82-5	8082A	ND		11	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		90	41-132
Tetrachloro-m-xylene		74	35-106

B 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RK16050-029**
Description: **CONN A**	Matrix: **Solid**
Date Sampled: **11/15/2016 1550**	% Solids: **81.6** **11/16/2016 2215**
Date Received: **11/16/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/25/2016 1232	MEM	11/22/2016 2020	27516

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		12 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		12	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**120**		**12**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**73**	J	**12**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		12 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		89	41-132
Tetrachloro-m-xylene		78	35-106

JB 2/28/17

POL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SMITH A DUP**
Date Sampled: **11/15/2016 1625**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-030**
Matrix: **Solid**
% Solids: **81.2** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/25/2016 1245	MEM	11/22/2016 2020	27516

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		12	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		12	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		12	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		12	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**32**	**J**	**12**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**55**		**12**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		12	ug/kg	

U U U U U

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		99	41-132
Tetrachloro-m-xylene		70	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of com. ound exceeded the calibration range
P = The RPD between t o GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RK16050-031**
Description: **SMITH B**	Matrix: **Solid**
Date Sampled: **11/15/2016 1625**	% Solids: **77.5** **11/16/2016 2215**
Date Received: **11/16/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	11/28/2016 0921	MEM	11/23/2016 2112	27666

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		630 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		630	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		630	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		630	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**2000**	~~P~~ J	**630**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**8000**		**630**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		630 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		120	41-132
Tetrachloro-m-xylene		85	35-106

JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **WALKER U**
Date Sampled: **11/15/2016 1425**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-032**
Matrix: **Solid**
% Solids: **93.4** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/28/2016 1002	MEM	11/23/2016 2112	27666

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aroclor 1016	12674-11-2	8082A	~~ND~~		10 U	ug/kg
Aroclor 1221	11104-28-2	8082A	~~ND~~		10	ug/kg
Aroclor 1232	11141-16-5	8082A	~~ND~~		10	ug/kg
Aroclor 1242	53469-21-9	8082A	~~ND~~		10	ug/kg
Aroclor 1248	**12672-29-6**	**8082A**	**14**		**10**	**ug/kg**
Aroclor 1254	**11097-69-1**	**8082A**	**16**		**10**	**ug/kg**
Aroclor 1260	11096-82-5	8082A	~~ND~~		10 U	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		102	41-132
Tetrachloro-m-xylene		91	35-106

D 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RK16050-033**
Description: **WALKER B**	Matrix: **Solid**
Date Sampled: **11/15/2016 1440**	% Solids: **80.2** **11/16/2016 2215**
Date Received: **11/16/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/28/2016 1015	MEM	11/23/2016 2112	27666

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		12	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		12	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**130**		**12**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**170**		**12**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		12	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		110	41-132
Tetrachloro-m-xylene		94	35-106

JD 2/23/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **WALKER A**
Date Sampled: **11/15/2016 1520**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-034**
Matrix: **Solid**
% Solids: **78.5** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/28/2016 1029	MEM	11/23/2016 2112	27666

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aroclor 1016	12674-11-2	8082A	~~ND~~		12 U	ug/kg
Aroclor 1221	11104-28-2	8082A	~~ND~~		12	ug/kg
Aroclor 1232	11141-16-5	8082A	~~ND~~		12	ug/kg
Aroclor 1242	53469-21-9	8082A	~~ND~~		12	ug/kg
Aroclor 1248	**12672-29-6**	**8082A**	**32**		**12**	**ug/kg**
Aroclor 1254	**11097-69-1**	**8082A**	**48**		**12**	**ug/kg**
Aroclor 1260	11096-82-5	8082A	~~ND~~		12 U	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		93	41-132
Tetrachloro-m-xylene		90	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RK16050-035**
Description: **TOWNSEND A**	Matrix: **Solid**
Date Sampled: **11/15/2016 1505**	% Solids: **78.7 11/16/2016 2215**
Date Received: **11/16/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/28/2016 1042	MEM	11/23/2016 2112	27666

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		12 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		12	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**18**		**12**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**36**		**12**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		12 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		89	41-132
Tetrachloro-m-xylene		89	35-106

D 2/28/17

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **TOWNSEND B**
Date Sampled: **11/15/2016 1505**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-036**
Matrix: **Solid**
% Solids: **79.5** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	11/25/2016 1658	MEM	11/23/2016 2112	27666

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		120 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		120	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		120	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		120	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**240**		**120**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**420**		**120**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		120 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		91	41-132
Tetrachloro-m-xylene		86	35-106

JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RK16050-037**
Description: **LOCKEY A**	Matrix: **Solid**
Date Sampled: **11/15/2016 1547**	% Solids: **82.9** **11/16/2016 2215**
Date Received: **11/16/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	11/25/2016 1712	MEM	11/23/2016 2112	27666

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		110 UA	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		110	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		110	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		110	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**840**		**110**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**550**		**110**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		110 UA	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		91	41-132
Tetrachloro-m-xylene		85	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **LOCKEY B**
Date Sampled: **11/15/2016 1545**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-038**
Matrix: **Solid**
% Solids: **81.2** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/28/2016 1056	MEM	11/23/2016 2112	27666

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		12 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		12	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		12	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		12	ug/kg	
Aroclor 1248	12672-29-6	8082A	~~ND~~		12	ug/kg	
Aroclor 1254	**11097-69-1**	**8082A**	**23**		**12**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		12 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		87	41-132
Tetrachloro-m-xylene		79	35-106

JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RK16050-039**
Description: **LOCKEY C**	Matrix: **Solid**
Date Sampled: **11/15/2016 1544**	% Solids: **80.9** **11/16/2016 2215**
Date Received: **11/16/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/28/2016 1109	MEM	11/23/2016 2112	27666

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		12 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		12	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		12	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**26**		**12**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		12 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		90	41-132
Tetrachloro-m-xylene		91	35-106

JD 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **LOCKEY D**
Date Sampled: **11/15/2016 1546**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-040**
Matrix: **Solid**
% Solids: **86.7** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	11/25/2016 1752	MEM	11/23/2016 2112	27666

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aroclor 1016	12674-11-2	8082A	~~ND~~		110 U	ug/kg
Aroclor 1221	11104-28-2	8082A	~~ND~~		110	ug/kg
Aroclor 1232	11141-16-5	8082A	~~ND~~		110	ug/kg
Aroclor 1242	53469-21-9	8082A	~~ND~~		110	ug/kg
Aroclor 1248	**12672-29-6**	**8082A**	**600**		**110**	**ug/kg**
Aroclor 1254	**11097-69-1**	**8082A**	**300**	~~P~~ J	**110**	**ug/kg**
Aroclor 1260	11096-82-5	8082A	~~ND~~		110 U	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		98	41-132
Tetrachloro-m-xylene		92	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **294SD**
Date Sampled: **11/15/2016 1235**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-041**
Matrix: **Solid**
% Solids: **79.6** **11/16/2016 2215**

Semivolatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	8270D	1	11/22/2016 0250	ECB	11/16/2016 2128	27037

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
3-Nitroaniline	99-09-2	8270D	ND		160	ug/kg	1
4-Nitroaniline	100-01-6	8270D	ND		160	ug/kg	1
Nitrobenzene	98-95-3	8270D	ND		80	ug/kg	1
2-Nitrophenol	88-75-5	8270D	ND		160	ug/kg	1
4-Nitrophenol	100-02-7	8270D NA	ND		390	ug/kg	1
N-Nitrosodi-n-propylamine	621-64-7	8270D	ND		80	ug/kg	1
N-Nitrosodiphenylamine (Diphenylamine)	86-30-6	8270D	ND		80	ug/kg	1
Pentachlorophenol	87-86-5	8270D	ND		390	ug/kg	1
Phenanthrene	85-01-8	8270D 2/28/17	ND		16	ug/kg	1
Phenol	108-95-2	8270D	ND		80	ug/kg	1
Pyrene	**129-00-0**	**8270D**	**31**		**16**	**ug/kg**	**1**
2,4,5-Trichlorophenol	95-95-4	8270D	ND		80	ug/kg	1
2,4,6-Trichlorophenol	88-06-2	8270D	ND		80	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
2-Fluorobiphenyl		87	33-102
2-Fluorophenol		88	28-104
Nitrobenzene-d5		83	22-109
Phenol-d5		91	27-103
Terphenyl-d14		74	41-120
2,4,6-Tribromophenol		85	30-117

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/28/2016 1123	MEM	11/23/2016 2112	27666

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		12 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		12	ug/kg	1
Aroclor 1248	12672-29-6	8082A	ND		12	ug/kg	1
Aroclor 1254	11097-69-1	8082A	ND		12	ug/kg	1
Aroclor 1260	11096-82-5	8082A	ND		12	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		98	41-132
Tetrachloro-m-xylene		102	35-106

2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **CAUTHEN B**
Date Sampled: **11/15/2016 1131**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-042**
Matrix: **Solid**
% Solids: **66.2** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	11/25/2016 1819	MEM	11/23/2016 2112	27666

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		140 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		140	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		140	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		140	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**850**	~~P~~ J	**140**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**750**	~~P~~ J	**140**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		140 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		75	41-132
Tetrachloro-m-xylene		68	35-106

JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RK16050-043**
Description: **SD308**	Matrix: **Solid**
Date Sampled: **11/15/2016 1205**	% Solids: **78.6** **11/16/2016 2215**
Date Received: **11/16/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	11/25/2016 1832	MEM	11/23/2016 2112	27666

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		130 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		130	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		130	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		130	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**2700**		**130**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**1200**		**130**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		130 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		103	41-132
Tetrachloro-m-xylene		97	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **CAUTHEN A**
Date Sampled: **11/15/2016 1120**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-044**
Matrix: **Solid**
% Solids: **63.1** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/28/2016 1136	MEM	11/23/2016 2112	27666

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		16 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		16	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		16	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		16	ug/kg	
Aroclor 1248	12672-29-6	8082A	~~ND~~		16	ug/kg	
Aroclor 1254	11097-69-1	8082A	~~ND~~		16	ug/kg	
Aroclor 1260	11096-82-5	8082A	~~ND~~		16	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		85	41-132
Tetrachloro-m-xylene		84	35-106

(D) 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RK16050-045**
Description: **SNYDER A**	Matrix: **Solid**
Date Sampled: **11/15/2016 1148**	% Solids: **87.9** **11/16/2016 2215**
Date Received: **11/16/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/28/2016 1150	MEM	11/23/2016 2112	27666

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		11 u	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		11	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		11	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		11	ug/kg	1
Aroclor 1248	12672-29-6	8082A	ND		11	ug/kg	1
Aroclor 1254	11097-69-1	8082A	ND		11	ug/kg	1
Aroclor 1260	11096-82-5	8082A	ND		11	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		92	41-132
Tetrachloro-m-xylene		90	35-106

(B) 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SNYDER C**
Date Sampled: **11/15/2016 1220**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-046**
Matrix: **Solid**
% Solids: **84.1** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/28/2016 1203	MEM	11/23/2016 2112	27666

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		11	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		11	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		11	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		11	ug/kg	
Aroclor 1248	12672-29-6	8082A	ND		11	ug/kg	
Aroclor 1254	11097-69-1	8082A	ND		11	ug/kg	
Aroclor 1260	11096-82-5	8082A	ND		11	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		69	41-132
Tetrachloro-m-xylene		68	35-106

B 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RK16050-047**
Description: **ALLISON D**	Matrix: **Solid**
Date Sampled: **11/15/2016 1230**	% Solids: **92.1** **11/16/2016 2215**
Date Received: **11/16/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/28/2016 1216	MEM	11/23/2016 2112	27666

Parameter	CAS Number	Analytical Method	Result	Q	PQL		Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		10	U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		10		ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		10		ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		10		ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		10		ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**110**		**10**		**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		10	U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		99	41-132
Tetrachloro-m-xylene		94	35-106

D 2/28/17

POL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **ALLISON C**
Date Sampled: **11/15/2016 1202**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-048**
Matrix: **Solid**
% Solids: **88.7** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/28/2016 1230	MEM	11/23/2016 2112	27666

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		10 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		10	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		10	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		10	ug/kg	
Aroclor 1248	12672-29-6	8082A	~~ND~~		10	ug/kg	
Aroclor 1254	**11097-69-1**	**8082A**	**26**		**10**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		10 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		82	41-132
Tetrachloro-m-xylene		77	35-106

JD 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **ALLISON B**
Date Sampled: **11/15/2016 1136**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-049**
Matrix: **Solid**
% Solids: **88.6** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/28/2016 1243	MEM	11/23/2016 2112	27666

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		11 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		11	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		11	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		11	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**16**		**11**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**42**		**11**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		11 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		95	41-132
Tetrachloro-m-xylene		97	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **ALLISON A**
Date Sampled: **11/15/2016 1120**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-050**
Matrix: **Solid**
% Solids: **84.3** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/28/2016 1257	MEM	11/23/2016 2112	27666

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		11 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		11	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		11	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		11	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	45	~~P~~ J	11	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	140		11	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		11 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		100	41-132
Tetrachloro-m-xylene		99	35-106

2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **CONN B**
Date Sampled: **11/15/2016 1555**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-051**
Matrix: **Solid**
% Solids: **87.6** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/28/2016 2327	MEM	11/27/2016 1527	27844

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		11 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		11	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		11	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		11	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		11	ug/kg	1
Aroclor 1254	11097-69-1	8082A	~~ND~~		11	ug/kg	1
Aroclor 1260	11096-82-5	8082A	~~ND~~		11	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		93	41-132
Tetrachloro-m-xylene		89	35-106

(D) 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SD305**
Date Sampled: **11/15/2016 1203**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-052**
Matrix: **Solid**
% Solids: **73.8** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/29/2016 0007	MEM	11/27/2016 1527	27844

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aroclor 1016	12674-11-2	8082A	ND		13 u	ug/kg
Aroclor 1221	11104-28-2	8082A	ND		13	ug/kg
Aroclor 1232	11141-16-5	8082A	ND		13	ug/kg
Aroclor 1242	53469-21-9	8082A	ND		13	ug/kg
Aroclor 1248	12672-29-6	8082A	ND		13	ug/kg
Aroclor 1254	11097-69-1	8082A	ND		13	ug/kg
Aroclor 1260	11096-82-5	8082A	ND		13	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		104	41-132
Tetrachloro-m-xylene		92	35-106

B 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SD304**
Date Sampled: **11/15/2016 1217**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-053**
Matrix: **Solid**
% Solids: **72.7** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/29/2016 0021	MEM	11/27/2016 1527	27844

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		13	U ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		13	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		13	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		13	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**31**		**13**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**22**		**13**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		13	U ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		102	41-132
Tetrachloro-m-xylene		89	35-106

B 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SD309**
Date Sampled: **11/15/2016 1250**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-054**
Matrix: **Solid**
% Solids: **76.1** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/29/2016 0034	MEM	11/27/2016 1527	27844

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		13	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		13	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		13	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		13	ug/kg	
Aroclor 1248	12672-29-6	8082A	ND		13	ug/kg	
Aroclor 1254	11097-69-1	8082A	ND		13	ug/kg	
Aroclor 1260	11096-82-5	8082A	ND		13	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		105	41-132
Tetrachloro-m-xylene		90	35-106

2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RK16050-055**
Description: **SD295**	Matrix: **Solid**
Date Sampled: **11/15/2016 1505**	% Solids: **78.5** **11/16/2016 2215**
Date Received: **11/16/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/29/2016 0048	MEM	11/27/2016 1527	27844

Parameter	CAS Number	Analytical Method	Result	Q	PQL		Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		12	U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		12		ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		12		ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		12		ug/kg	1
Aroclor 1248	12672-29-6	8082A	ND		12		ug/kg	1
Aroclor 1254	11097-69-1	8082A	ND		12		ug/kg	1
Aroclor 1260	11096-82-5	8082A	ND		12		ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		103	41-132
Tetrachloro-m-xylene		95	35-106

(D) 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SD306**
Date Sampled: **11/15/2016 1127**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-056**
Matrix: **Solid**
% Solids: **67.2** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/29/2016 0101	MEM	11/27/2016 1527	27844

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		15	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		15	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		15	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		15	ug/kg	
Aroclor 1248	12672-29-6	8082A	ND		15	ug/kg	
Aroclor 1254	11097-69-1	8082A	ND		15	ug/kg	
Aroclor 1260	11096-82-5	8082A	ND		15	ug/kg	

u

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		103	41-132
Tetrachloro-m-xylene		95	35-106

JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SD298**
Date Sampled: **11/15/2016 1507**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-057**
Matrix: **Solid**
% Solids: **94.5** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	11/28/2016 1538	MEM	11/27/2016 1527	27844

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		100	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		100	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		100	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		100	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**670**		**100**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**420**		**100**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		100	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		89	41-132
Tetrachloro-m-xylene		84	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SD299**
Date Sampled: **11/15/2016 1501**
Date Received: **11/16/2016**

Laboratory ID: **RK16050-058**
Matrix: **Solid**
% Solids: **79.3** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	11/28/2016 1552	MEM	11/27/2016 1527	27844

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		120 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		120	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		120	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		120	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**770**		**120**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**540**		**120**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		120 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		94	41-132
Tetrachloro-m-xylene		97	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RK16051-001**
Description: **HAMDEN-H**	Matrix: **Solid**
Date Sampled: **11/15/2016 1535**	% Solids: **71.8** **11/16/2016 2215**
Date Received: **11/16/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/29/2016 1202	MEM	11/27/2016 1527	27844

Parameter	CAS Number	Analytical Method	Result	Q	PQL		Units	Run
Aroclor 1016	12674-11-2	8082A	ND		14	U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		14		ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		14		ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		14		ug/kg	1
Aroclor 1248	12672-29-6	8082A	ND		14		ug/kg	1
Aroclor 1254	11097-69-1	8082A	ND		14		ug/kg	1
Aroclor 1260	11096-82-5	8082A	ND		14		ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		98	41-132
Tetrachloro-m-xylene		92	35-106

JD 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **HAMDEN-C**
Date Sampled: **11/15/2016 1525**
Date Received: **11/16/2016**

Laboratory ID: **RK16051-002**
Matrix: **Solid**
% Solids: **72.8** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	11/28/2016 2045	MEM	11/27/2016 1527	27844

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		140 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		140	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		140	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		140	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**3500**		**140**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**1600**		**140**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		140 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		102	41-132
Tetrachloro-m-xylene		86	35-106

(B) 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RK16051-003**
Description: **HAMDEN-D**	Matrix: **Solid**
Date Sampled: **11/15/2016 1525**	% Solids: **77.3** **11/16/2016 2215**
Date Received: **11/16/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	11/28/2016 2059	MEM	11/27/2016 1527	27844

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		130 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		130	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		130	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		130	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**440**		**130**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**460**	~~P~~ J	**130**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		130 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		88	41-132
Tetrachloro-m-xylene		86	35-106

(B) 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **HAMDEN-E**
Date Sampled: **11/15/2016 1528**
Date Received: **11/16/2016**

Laboratory ID: **RK16051-004**
Matrix: **Solid**
% Solids: **78.6** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	11/28/2016 2112	MEM	11/27/2016 1527	27844

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		130	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		130	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		130	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		130	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**2600**		**130**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**1700**		**130**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		130	ug/kg	

U

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		117	41-132
Tetrachloro-m-xylene		103	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RK16051-005**
Description: **HAMDEN-F**	Matrix: **Solid**
Date Sampled: **11/15/2016 1530**	% Solids: **75.9** **11/16/2016 2215**
Date Received: **11/16/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	11/28/2016 2126	MEM	11/27/2016 1527	27844

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		130 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		130	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		130	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		130	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**3600**		**130**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**1800**		**130**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		130 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		95	41-132
Tetrachloro-m-xylene		94	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **HAMDEN-G**
Date Sampled: **11/15/2016 1553**
Date Received: **11/16/2016**

Laboratory ID: **RK16051-006**
Matrix: **Solid**
% Solids: **83.9** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	11/28/2016 2139	MEM	11/27/2016 1527	27844

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aroclor 1016	12674-11-2	8082A	~~ND~~		110	ug/kg
Aroclor 1221	11104-28-2	8082A	~~ND~~		110	ug/kg
Aroclor 1232	11141-16-5	8082A	~~ND~~		110	ug/kg
Aroclor 1242	53469-21-9	8082A	~~ND~~		110	ug/kg
Aroclor 1248	**12672-29-6**	**8082A**	**580**		**110**	**ug/kg**
Aroclor 1254	**11097-69-1**	**8082A**	**630**		**110**	**ug/kg**
Aroclor 1260	11096-82-5	8082A	~~ND~~		110	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		95	41-132
Tetrachloro-m-xylene		89	35-106

JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **URBAN-C**
Date Sampled: **11/15/2016 1458**
Date Received: **11/16/2016**

Laboratory ID: **RK16051-007**
Matrix: **Solid**
% Solids: **81.5** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/29/2016 1216	MEM	11/27/2016 1527	27844

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		12 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		12	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**15**		**12**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**12**	P J	**12**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		12 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		67	41-132
Tetrachloro-m-xylene		71	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **URBAN-A**
Date Sampled: **11/15/2016 1455**
Date Received: **11/16/2016**

Laboratory ID: **RK16051-008**
Matrix: **Solid**
% Solids: **88.6** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	11/28/2016 2206	MEM	11/27/2016 1527	27844

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		100 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		100	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		100	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		100	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**1800**		**100**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**1100**		**100**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		100 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		78	41-132
Tetrachloro-m-xylene		76	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **URBAN-C-DUPLICATE**
Date Sampled: **11/15/2016 1458**
Date Received: **11/16/2016**

Laboratory ID: **RK16051-009**
Matrix: **Solid**
% Solids: **80.9** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/29/2016 1230	MEM	11/27/2016 1527	27844

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		12 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		12	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**19**	~~P~~ J	**12**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**15**	~~P~~ J	**12**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		12 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		74	41-132
Tetrachloro-m-xylene		79	35-106

JS 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **URBAN-B**
Date Sampled: **11/15/2016 1500**
Date Received: **11/16/2016**

Laboratory ID: **RK16051-010**
Matrix: **Solid**
% Solids: **78.1** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	11/28/2016 2233	MEM	11/27/2016 1527	27844

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		130 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		130	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		130	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		130	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**3000**		**130**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**3000**		**130**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		130 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		108	41-132
Tetrachloro-m-xylene		93	35-106

B 2/28/17

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of con ound exceeded the calibration range H = Out of holding time
ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between wo GC columns exceeds 40% N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **HATCHEL-A**
Date Sampled: **11/15/2016 1640**
Date Received: **11/16/2016**

Laboratory ID: **RK16051-011**
Matrix: **Solid**
% Solids: **83.1** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/29/2016 1244	MEM	11/27/2016 1527	27844

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		12	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		12	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		12	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	**17**		**12**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		12	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		73	41-132
Tetrachloro-m-xylene		78	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: 311-D SLIDING HILLS
Date Sampled: 11/15/2016 1638
Date Received: 11/16/2016

Laboratory ID: RK16051-012
Matrix: Solid
% Solids: 80.4 11/16/2016 2215

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/29/2016 1257	MEM	11/27/2016 1527	27844

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		12 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		12	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**18**		**12**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**22**		**12**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		12 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		83	41-132
Tetrachloro-m-xylene		86	35-106

D 2/28/17
JCW
03/20/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **311-A SLIDING HILLS**
Date Sampled: **11/15/2016 1655**
Date Received: **11/16/2016**

Laboratory ID: **RK16051-013**
Matrix: **Solid**
% Solids: **42.3** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	11/29/2016 1452	MEM	11/28/2016 2146	27912

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		230 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		230	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		230	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		230	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**4700**		**230**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**2100**		**230**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		230 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		91	41-132
Tetrachloro-m-xylene		96	35-106

B 2/28/17
gaw
03/20/17

POL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: 311-B SLIDING HILLS
Date Sampled: 11/15/2016 1650
Date Received: 11/16/2016

Laboratory ID: RK16051-014
Matrix: Solid
% Solids: 58.8 11/16/2016 2215

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	11/29/2016 1506	MEM	11/28/2016 2146	27912

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		160 UA	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		160	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		160	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		160	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**1000**		**160**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**970**		**160**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		160 UA	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		100	41-132
Tetrachloro-m-xylene		85	35-106

2/28/17
gaw
03/20/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **HATCHEL-C**
Date Sampled: **11/15/2016 1650**
Date Received: **11/16/2016**

Laboratory ID: **RK16051-015**
Matrix: **Solid**
% Solids: **79.7** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/30/2016 0903	MEM	11/28/2016 2146	27912

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		12 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		12	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		12	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		12	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		12	ug/kg	1
Aroclor 1254	**11097-69-1**	**8082A**	19		**12**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		12 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		84	41-132
Tetrachloro-m-xylene		72	35-106

B 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **COGGESHALL-B**
Date Sampled: **11/15/2016 1455**
Date Received: **11/16/2016**

Laboratory ID: **RK16051-016**
Matrix: **Solid**
% Solids: **79.6** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/30/2016 0916	MEM	11/28/2016 2146	27912

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		12	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		12	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		12	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		12	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**20**		**12**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**61**		**12**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		12	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		74	41-132
Tetrachloro-m-xylene		67	35-106

2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **COGGESHALL-A**
Date Sampled: **11/15/2016 1446**
Date Received: **11/16/2016**

Laboratory ID: **RK16051-017**
Matrix: **Solid**
% Solids: **87.8** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/30/2016 0930	MEM	11/28/2016 2146	27912

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		10	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		10	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		10	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		10	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**22**		**10**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**23**		**10**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		10	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		96	41-132
Tetrachloro-m-xylene		91	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **WILKERSON-"U"**
Date Sampled: **11/15/2016 1435**
Date Received: **11/16/2016**

Laboratory ID: **RK16051-018**
Matrix: **Solid**
% Solids: **66.3** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/30/2016 0943	MEM	11/28/2016 2146	27912

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		15 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		15	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		15	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		15	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**110**		**15**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**150**		**15**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		15 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		74	41-132
Tetrachloro-m-xylene		73	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **WILKERSON-"A"**
Date Sampled: **11/15/2016 1620**
Date Received: **11/16/2016**

Laboratory ID: **RK16051-019**
Matrix: **Solid**
% Solids: **88.2** **11/21/2016 2340**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	100	11/30/2016 0957	MEM	11/28/2016 2146	27912

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		1100 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		1100	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		1100	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		1100	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**34000**		**1100**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**13000**		**1100**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		1100 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	293	41-132
Tetrachloro-m-xylene		92	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **HATCHEL-B**
Date Sampled: **11/15/2016 1645**
Date Received: **11/16/2016**

Laboratory ID: **RK16051-020**
Matrix: **Solid**
% Solids: **86.4** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/30/2016 1010	MEM	11/28/2016 2146	27912

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		11 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		11	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		11	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		11	ug/kg	
Aroclor 1248	12672-29-6	8082A	ND		11	ug/kg	
Aroclor 1254	11097-69-1	8082A	ND		11	ug/kg	
Aroclor 1260	11096-82-5	8082A	ND		11	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		60	41-132
Tetrachloro-m-xylene		53	35-106

JB 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SD-297**
Date Sampled: **11/15/2016 1610**
Date Received: **11/16/2016**

Laboratory ID: **RK16051-021**
Matrix: **Solid**
% Solids: **73.4** **11/17/2016 2225**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	11/29/2016 1640	MEM	11/28/2016 2146	27912

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		130	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		130	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		130	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		130	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**820**		**130**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**590**		**130**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		130	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		102	41-132
Tetrachloro-m-xylene		85	35-106

JD 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SD-296**
Date Sampled: **11/15/2016 1542**
Date Received: **11/16/2016**

Laboratory ID: **RK16051-022**
Matrix: **Solid**
% Solids: **77.8** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/30/2016 1024	MEM	11/28/2016 2146	27912

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		12 u	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		12	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		12	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		12	ug/kg	
Aroclor 1248	12672-29-6	8082A	ND		12	ug/kg	
Aroclor 1254	11097-69-1	8082A	ND		12	ug/kg	
Aroclor 1260	11096-82-5	8082A	ND		12	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		93	41-132
Tetrachloro-m-xylene		74	35-106

D 2/28/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**	Laboratory ID: **RK16051-023**
Description: **SD-302**	Matrix: **Solid**
Date Sampled: **11/15/2016 1229**	% Solids: **74.4** **11/16/2016 2215**
Date Received: **11/16/2016**	

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/30/2016 1037	MEM	11/28/2016 2146	27912

Parameter	CAS Number	Analytical Method	Result	Q	PQL		Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		13	UJ	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		13	UJ	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		13	UJ	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		13	UJ	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		13	UJ	ug/kg	1
Aroclor 1254	11097-69-1	8082A	~~ND~~		13	UJ	ug/kg	1
Aroclor 1260	11096-82-5	8082A	~~ND~~		13	UJ	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		67	41-132
Tetrachloro-m-xylene	N	9.1	35-106

D 2/23/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SD-303**
Date Sampled: **11/15/2016 1225**
Date Received: **11/16/2016**

Laboratory ID: **RK16051-024**
Matrix: **Solid**
% Solids: **66.0** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/30/2016 1051	MEM	11/28/2016 2146	27912

Parameter	CAS Number	Analytical Method	Result	Q	PQL		Units
Aroclor 1016	12674-11-2	8082A	~~ND~~		15	UJ	ug/kg
Aroclor 1221	11104-28-2	8082A	~~ND~~		15	UJ	ug/kg
Aroclor 1232	11141-16-5	8082A	~~ND~~		15	UJ	ug/kg
Aroclor 1242	53469-21-9	8082A	~~ND~~		15	UJ	ug/kg
Aroclor 1248	12672-29-6	8082A	~~ND~~		15	UJ	ug/kg
Aroclor 1254	11097-69-1	8082A	~~ND~~		15	UJ	ug/kg
Aroclor 1260	11096-82-5	8082A	~~ND~~		15	UJ	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		71	41-132
Tetrachloro-m-xylene	N	25	35-106

JB 2/23/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **SD-307**
Date Sampled: **11/15/2016 1145**
Date Received: **11/16/2016**

Laboratory ID: **RK16051-025**
Matrix: **Solid**
% Solids: **68.2** **11/16/2016 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	11/30/2016 1104	MEM	11/28/2016 2146	27912

Parameter	CAS Number	Analytical Method	Result	Q	PQL		Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		15	UJ	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		15	UJ	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		15	UJ	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		15	UJ	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		15	UJ	ug/kg	1
Aroclor 1254	11097-69-1	8082A	~~ND~~		15	UJ	ug/kg	1
Aroclor 1260	11096-82-5	8082A	~~ND~~		15	UJ	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		63	41-132
Tetrachloro-m-xylene	N	18	35-106

JB 2/23/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

BLANK PAGE

#5

Report of Analysis

synTerra
INNOVATE
148 River Street, Suite 220
Greenville, SC 29601
Attention: Howard Frank

Project Name: Burlington Lagoon - Wetlands

Lot Number: SC03001
Date Completed: 03/08/2017

Kelly M. Nance
Project Manager

This report shall not be reproduced, except in its entirety, without the written approval of Shealy Environmental Services, Inc.

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

Case Narrative
synTerra
Lot Number: SC03001

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

All results listed in this report relate only to the samples that are contained within this report.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

Sample Summary
synTerra
Lot Number: SC03001

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	BIC-SC-202	Solid	03/02/2017 1108	03/03/2017
002	BIC-201-SD	Solid	03/02/2017 1115	03/03/2017
003	BIC-203-SD	Solid	03/02/2017 1151	03/03/2017
004	BIC-204-SD	Solid	03/02/2017 1204	03/03/2017

(4 samples)

Executive Summary

synTerra

Lot Number: SC03001

Sample Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page

(0 detections)

Client: synTerra
Description: BIC-SC-202
Date Sampled: 03/02/2017 1108
Date Received: 03/03/2017

Laboratory ID: SC03001-001
Matrix: Solid
% Solids: 66.9 03/03/2017 2221

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	03/07/2017 1110	MEM	03/03/2017 1821	36184

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aroclor 1016	12674-11-2	8082A	ND		15	ug/kg
Aroclor 1221	11104-28-2	8082A	ND		15	ug/kg
Aroclor 1232	11141-16-5	8082A	ND		15	ug/kg
Aroclor 1242	53469-21-9	8082A	ND		15	ug/kg
Aroclor 1248	12672-29-6	8082A	ND		15	ug/kg
Aroclor 1254	11097-69-1	8082A	ND		15	ug/kg
Aroclor 1260	11096-82-5	8082A	ND		15	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		84	41-132
Tetrachloro-m-xylene		77	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: BIC-201-SD
Date Sampled: 03/02/2017 1115
Date Received: 03/03/2017

Laboratory ID: SC03001-002
Matrix: Solid
% Solids: 76.6 03/03/2017 2221

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	03/07/2017 1123	MEM	03/03/2017 1821	36184

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aroclor 1016	12674-11-2	8082A	ND		13	ug/kg
Aroclor 1221	11104-28-2	8082A	ND		13	ug/kg
Aroclor 1232	11141-16-5	8082A	ND		13	ug/kg
Aroclor 1242	53469-21-9	8082A	ND		13	ug/kg
Aroclor 1248	12672-29-6	8082A	ND		13	ug/kg
Aroclor 1254	11097-69-1	8082A	ND		13	ug/kg
Aroclor 1260	11096-82-5	8082A	ND		13	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		80	41-132
Tetrachloro-m-xylene		69	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: SynTerra
Description: BIC-203-SD
Date Sampled: 03/02/2017 1151
Date Received: 03/03/2017

Laboratory ID: SC03001-003
Matrix: Solid
% Solids: 71.8 03/03/2017 2221

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	03/07/2017 1137	MEM	03/03/2017 1821	36184

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aroclor 1016	12674-11-2	8082A	ND		14	ug/kg
Aroclor 1221	11104-28-2	8082A	ND		14	ug/kg
Aroclor 1232	11141-16-5	8082A	ND		14	ug/kg
Aroclor 1242	53469-21-9	8082A	ND		14	ug/kg
Aroclor 1248	12672-29-6	8082A	ND		14	ug/kg
Aroclor 1254	11097-69-1	8082A	ND		14	ug/kg
Aroclor 1260	11096-82-5	8082A	ND		14	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		87	41-132
Tetrachloro-m-xylene		76	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: synTerra
Description: BIC-204-SD
Date Sampled: 03/02/2017 1204
Date Received: 03/03/2017

Laboratory ID: SC03001-004
Matrix: Solid
% Solids: 76.8 03/03/2017 2221

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	03/07/2017 1150	MEM	03/03/2017 1821	36184

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aroclor 1016	12674-11-2	8082A	ND		13	ug/kg
Aroclor 1221	11104-28-2	8082A	ND		13	ug/kg
Aroclor 1232	11141-16-5	8082A	ND		13	ug/kg
Aroclor 1242	53469-21-9	8082A	ND		13	ug/kg
Aroclor 1248	12672-29-6	8082A	ND		13	ug/kg
Aroclor 1254	11097-69-1	8082A	ND		13	ug/kg
Aroclor 1260	11096-82-5	8082A	ND		13	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		75	41-132
Tetrachloro-m-xylene		65	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

QC Summary

PCBs by GC - MB

Sample ID: SQ36184-001
Batch: 36184
Analytical Method: 8082A

Matrix: Solid
Prep Method: 3546
Prep Date: 03/03/2017 1821

Cleanup: 3660B/3665A

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Aroclor 1016	ND		1	10	ug/kg	03/06/2017 1441
Aroclor 1221	ND		1	10	ug/kg	03/06/2017 1441
Aroclor 1232	ND		1	10	ug/kg	03/06/2017 1441
Aroclor 1242	ND		1	10	ug/kg	03/06/2017 1441
Aroclor 1248	ND		1	10	ug/kg	03/06/2017 1441
Aroclor 1254	ND		1	10	ug/kg	03/06/2017 1441
Aroclor 1260	ND		1	10	ug/kg	03/06/2017 1441

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		67	41-132
Tetrachloro-m-xylene		50	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

PCBs by GC - LCS

Sample ID: SQ36184-002
Batch: 36184
Analytical Method: 8082A

Matrix: Solid
Prep Method: 3546
Prep Date: 03/03/2017 1821

Cleanup: 3660B/3665A

Parameter	Spike Amount (ug/kg)	Result (ug/kg)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Aroclor 1016	100	78		1	78	70-130	03/06/2017 1454
Aroclor 1260	100	98		1	98	70-130	03/06/2017 1454

Surrogate	Q	% Rec	Acceptance Limit
Decachlorobiphenyl		95	41-132
Tetrachloro-m-xylene		66	35-106

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
P = The RPD between two GC columns exceeds 40%
J = Estimated result < PQL and ≥ MDL
N = Recovery is out of criteria
+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Chain of Custody
and
Miscellaneous Documents

SHEALY

Chain of Custody Record

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive • West Columbia, SC 29172
Telephone No. 803-791-9700 Fax No. 803-791-9111
www.shealylab.com

Number 71046

Client: Synterra – SCDHEC
Address:
City: | State: | Zip Code:
Project Name: Burlington Lagoon – Wetlands
Project No.:
P.O. No.:

Report to Contact:
Sampler's Signature: X [signature]
Printed Name: Robert Cole

Telephone No. / E-mail:
Analysis (Attach list if more space is needed):

Quote No.:
Page ___ of ___
SC03001

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	3-Grab C-Composite	Matrix: Aqueous	Matrix: Solid	Matrix: Non-Aqueous	No of Containers by Preservative Type: Unpres.	H2SO4	HNO3	HCl	NaOH	5035 Kit	RBi	Remarks / Cooler I.D.
BIC-SD-202	3/2/17	1108	✓		✓		1						✓	
BIC-201-SD	3/2/17	1115	✓		✓		1						✓	
BIC-203-SD	3/2/17	1151	✓		✓		1						✓	
BIC-204-SD	3/2/17	1204	✓		✓		1						✓	

Turn Around Time Required (Prior lab approval required for expedited TAT.): ☐ Standard ☐ Rush (Specify)
Sample Disposal: ☐ Return to Client ☐ Disposal by Lab
Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown
QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished by: Jason Williams SCDHEC	3-3-17	7:37	1. Received by:		
2. Relinquished by:			2. Received by:		
3. Relinquished by:			3. Received by:		
4. Relinquished by:			4. Laboratory received by: [signature]	3/3/17	0737

Note: All samples are retained for four weeks from receipt unless other arrangements are made.

LAB USE ONLY
Received on ice (Circle): (Yes) No Ice Pack
Receipt Temp: 2.0 °C KPB 3/3/17 SR#6

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

Document Number: F-AD-133 Effective Date: 08-01-2014

Shealy Environmental Services, Inc.
Document Number: ME0018C-07

Page 1 of 1
Effective Date: 11/29/2016
Expiry Date: 11/29/2021

Sample Receipt Checklist (SRC)

Client: Synterra Cooler Inspected by/date: MGM /02/03/17 Lot #: SC03001

Means of receipt: ☐ SESI ☑ Client ☐ UPS ☐ FedEx ☐ Other

Yes ☐	No ☑		1. Were custody seals present on the cooler?
Yes ☐	No ☐	NA ☑	2. If custody seals were present, were they intact and unbroken?

pH strip ID: _____ Cl strip ID: _____

Cooler ID/Original temperature upon receipt/Derived (corrected) temperature upon receipt:
12.0/2.0 °C / / °C / / °C / / °C

Method: ☑ Temperature Blank ☐ Against Bottles IR Gun ID: 6 IR Gun Correction Factor: 0 °C

Method of coolant: ☑ Wet Ice ☐ Blue Ice ☐ Dry Ice ☐ None

Yes ☐	No ☐	NA ☑	3. If temperature of any cooler exceeded 6.0°C, was Project Manager Notified? PM was Notified by: phone / email / face-to-face (circle one).
Yes ☐	No ☐	NA ☑	4. Is the commercial courier's packing slip attached to this form?
Yes ☑	No ☐		5. Were proper custody procedures (relinquished/received) followed?
Yes ☑	No ☐		6. Were sample IDs listed on the COC?
Yes ☑	No ☐		7. Were sample IDs listed on all sample containers?
Yes ☑	No ☐		8. Was collection date & time listed on the COC?
Yes ☑	No ☐		9. Was collection date & time listed on all sample containers?
Yes ☑	No ☐		10. Did all container label information (ID, date, time) agree with the COC?
Yes ☑	No ☐		11. Were tests to be performed listed on the COC?
Yes ☑	No ☐		12. Did all samples arrive in the proper containers for each test and/or in good condition (unbroken, lids on, etc.)?
Yes ☑	No ☐		13. Was adequate sample volume available?
Yes ☑	No ☐		14. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes ☐	No ☑		15. Were any samples containers missing/excess (circle one) samples Not listed on COC?
Yes ☐	No ☐	NA ☑	16. Were bubbles present >"pea-size" (¼"or 6mm in diameter) in any VOA vials?
Yes ☐	No ☐	NA ☑	17. Were all DRO/metals/nutrient samples received at a pH of < 2?
Yes ☐	No ☐	NA ☑	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes ☐	No ☐	NA ☑	19. Were all applicable NH3/TKN/cyanide/phenol/BNA (<0.5mg/L) samples free of residual chlorine?
Yes ☐	No ☐	NA ☑	20. Were collection temperatures documented on the COC for NC samples?
Yes ☐	No ☐	NA ☑	21. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations, etc…) correctly transcribed from the COC into the comment section in LIMS?
Yes ☑	No ☑	19225	22. Was the quote number used taken from the container label?

Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)

Sample(s) _____ were received incorrectly preserved and were adjusted accordingly in sample receiving with _____ (H_2SO_4, HNO_3, HCl, NaOH) using SR # _____.

Sample(s) _____ were received with bubbles >6 mm in diameter.

Samples(s) _____ were received with TRC >0.5 mg/L (If #21 is No) and were adjusted accordingly in sample receiving with sodium thiosulfate ($Na_2S_2O_3$) with Shealy ID: _____.

SC Drinking Water Project Sample(s) pH verified to be < 2 by _____ Date: _____

Sample(s) _____ were Not received at a pH of < 2 and were adjusted accordingly using SR#

Sample labels applied by: MGM Verified by: _____ Date: 3/3/17

Comments: _____

BLANK PAGE

TETRA TECH

DATA VALIDATION CHECKLIST – STAGE 2A

Site Name	Burlington Industries Cheraw Former Lagoon	**Project No.**	103X902705027
Data Reviewer (signature and date)	Jessica A. Vickers March 21, 2017	**Technical Reviewer (signature and date)**	Harry N. Ellis III March 21, 2017
Laboratory Report Nos.	SB17017 and SC03001	**Laboratory**	Shealy Environmental Services, Inc., West Columbia, SC
Analyses	Polychlorinated Biphenyls (PCBs) by SW-846 Method 8082A		
Samples	SB17017: 14 samples and SC03001: 4 samples		
Field Duplicate Pairs	None		
Field Blanks	None		

This checklist summarizes the Stage 2A validation performed on the subject laboratory reports, in accordance with the U.S. Environmental Protection Agency (EPA) *Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use* (January 2009). Analytical data were evaluated in general accordance with the EPA *National Functional Guidelines (NFG) for Superfund Organic Methods Data Review* (September 2016) data validation guidance document, as well as the above referenced method.

OVERALL EVALUATION:

Rejection of data was not required for this data package. The data can be used with the qualifications and data gaps indicated in this checklist.

Data completeness:

Within Criteria	Exceedance/Notes
Y	The sample receipt checklist for Laboratory Report No. SB17017 stated "received an extra 4 oz. container for sample -008." No data qualification action was applied as a result of this discrepancy.

Sample preservation, receipt, and holding times:

Within Criteria	Exceedance/Notes
Y	

1955 Evergreen Blvd., Ste. 300, Duluth, GA 30096
Tel 678.775.3080 Fax 678.775.3138
www.tetratech.com

TETRA TECH

DATA VALIDATION CHECKLIST – STAGE 2A

Method blanks:

Within Criteria	Exceedance/Notes
Y	

Field blanks:

Within Criteria	Exceedance/Notes
N	No aqueous field blanks or equipment rinsate blanks were listed or reported in the laboratory reports. While no data qualification action was applied as a result of this circumstance, the absence of these types of field quality control (QC) samples prevents evaluation of the potential for contamination of samples due to ambient conditions or cross-contamination of samples from inadequate sampling and equipment cleaning procedures.

System monitoring compounds (surrogates and labeled compounds):

Within Criteria	Exceedance/Notes
N	Recoveries for samples diluted by factors no less than 10 times could not be accurately calculated. Due to uncertainty in how the dilutions influenced target analyte recoveries relative to surrogate recoveries, no data qualification actions were applied as a result of these out-of-control recoveries.

MS/MSD:

Within Criteria	Exceedance/Notes
NA	

1955 Evergreen Blvd., Ste. 300, Duluth, GA 30096
Tel 678.775.3080 Fax 678.775.3138
www.tetratech.com

TETRA TECH

DATA VALIDATION CHECKLIST – STAGE 2A

Post digestion spikes:

Within Criteria	Exceedance/Notes
NA	

Serial dilutions:

Within Criteria	Exceedance/Notes
NA	

Laboratory duplicates:

Within Criteria	Exceedance/Notes
NA	

Field duplicates:

Within Criteria	Exceedance/Notes
NA	

Total versus dissolved metals results evaluation:

Within Criteria	Exceedance/Notes
NA	

1955 Evergreen Blvd., Ste. 300, Duluth, GA 30096
Tel 678.775.3080 Fax 678.775.3138
www.tetratech.com

TETRA TECH

DATA VALIDATION CHECKLIST – STAGE 2A

LCSs/LCSDs:

Within Criteria	Exceedance/Notes
Y	

Toxicity equivalents (TEQs) and isomer specificity (dioxins/furans, cBaP, and PCB congeners only):

Within Criteria	Exceedance/Notes
NA	

Sample dilutions:

Within Criteria	Exceedance/Notes
Y	Many of the solid samples results for PCBs in the two data packages were reported at a dilution. A review of the data packages indicates that practical quantitation limit (PQL) values appear to scale proportionally to the stated dilution factor. Refer to the attached laboratory sample result forms for the dilution factors for specific samples.

Re-extraction and reanalysis:

Within Criteria	Exceedance/Notes
NA	

Target analyte identification:

Within Criteria	Exceedance/Notes
N	For the following analytes in the following samples, a "P" flag was assigned to the results. This flag was defined by the laboratory as: "The RPD between the two GC columns exceeds 40%." The results for Aroclor 1254 in samples SB17017-001 and -004, and Aroclor 1248 in sample SB17017-003 were qualified as estimated (flagged "J").

1955 Evergreen Blvd Ste 300, Duluth, GA 30096
Tel 678.775.3080 Fax 678.775.3138
www.tetratech.com

TETRA TECH

DATA VALIDATION CHECKLIST – STAGE 2A

MDLs/RLs:

Within Criteria	Exceedance/Notes
Y	

Tentatively identified compounds:

Within Criteria	Exceedance/Notes
NA	

Overall Qualifications:

The attached laboratory sample result forms have been hand-annotated in purple ink, where appropriate, to indicate any additional data qualifications that were required due to the exceedances discussed above. The following is a list of qualifiers and definitions that may be used for the validation of this data package:

J	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample.
J+	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased high.
J-	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample and may be biased low.
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated value is the approximate concentration of the analyte in the sample.
R	The sample result is rejected as unusable due to serious deficiencies in one or more quality control criteria. The analyte may or may not be present in the sample.
U	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit).
UJ	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit), which is considered approximate due to deficiencies in one or more quality control criteria.

1955 Evergreen Blvd., Ste. 300, Duluth, GA 30096
Tel 678.775.3080 Fax 678.775.3138
www.tetratech.com

Client: **synTerra**
Description: **B1C-108-SD**
Date Sampled: **02/16/2017 1105**
Date Received: **02/17/2017**

Laboratory ID: **SB17017-001**
Matrix: **Solid**
% Solids: **74.0** **02/17/2017 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	100	02/20/2017 1850	MEM		34996

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		1300 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		1300	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		1300	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		1300	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**10000**		**1300**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**4600**	P J	**1300**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		1300 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		95	41-132
Tetrachloro-m-xylene		77	35-106

03/21/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **B1C-107-SD**
Date Sampled: **02/16/2017 1115**
Date Received: **02/17/2017**

Laboratory ID: **SB17017-002**
Matrix: **Solid**
% Solids: **60.3** **02/17/2017 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	100	02/20/2017 1904	MEM		34996

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		1600 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		1600	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		1600	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		1600	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**22000**		**1600**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**9200**		**1600**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		1600 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		84	41-132
Tetrachloro-m-xylene		68	35-106

03/21/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **B1C-106-SD**
Date Sampled: **02/16/2017 1122**
Date Received: **02/17/2017**

Laboratory ID: **SB17017-003**
Matrix: **Solid**
% Solids: **62.1** **02/17/2017 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	20	02/20/2017 1731	MEM		34996

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aroclor 1016	12674-11-2	8082A	~~ND~~		310 U	ug/kg
Aroclor 1221	11104-28-2	8082A	~~ND~~		310	ug/kg
Aroclor 1232	11141-16-5	8082A	~~ND~~		310	ug/kg
Aroclor 1242	53469-21-9	8082A	~~ND~~		310	ug/kg
Aroclor 1248	**12672-29-6**	**8082A**	**4200**	P J	**310**	**ug/kg**
Aroclor 1254	**11097-69-1**	**8082A**	**2000**		**310**	**ug/kg**
Aroclor 1260	11096-82-5	8082A	~~ND~~		310 U	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		91	41-132
Tetrachloro-m-xylene		56	35-106

03/21/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **B1C-105-SD**
Date Sampled: **02/16/2017 1130**
Date Received: **02/17/2017**

Laboratory ID: **SB17017-004**
Matrix: **Solid**
% Solids: **68.0** **02/17/2017 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	02/20/2017 1757	MEM		34996

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		720 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		720	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		720	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		720	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**7100**		**720**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**3400**	P	**720**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		720 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		66	41-132
Tetrachloro-m-xylene		56	35-106

03/21/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **B1C-104-SD**
Date Sampled: **02/16/2017 1150**
Date Received: **02/17/2017**

Laboratory ID: **SB17017-005**
Matrix: **Solid**
% Solids: **76.0** **02/17/2017 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	100	02/20/2017 1917	MEM		34996

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	ND		1300	ug/kg	
Aroclor 1221	11104-28-2	8082A	ND		1300	ug/kg	
Aroclor 1232	11141-16-5	8082A	ND		1300	ug/kg	
Aroclor 1242	53469-21-9	8082A	ND		1300	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**11000**		**1300**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**8900**		**1300**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	ND		1300	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		128	41-132
Tetrachloro-m-xylene		70	35-106

03/21/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **B1C-103-SD**
Date Sampled: **02/16/2017 1200**
Date Received: **02/17/2017**

Laboratory ID: **SB17017-006**
Matrix: **Solid**
% Solids: **71.5** **02/17/2017 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	02/20/2017 1824	MEM		34996

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		660 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		660	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		660	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		660	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**9600**		**660**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**6800**		**660**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		660 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		116	41-132
Tetrachloro-m-xylene		72	35-106

03/21/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **B1C-102-SD**
Date Sampled: **02/16/2017 1210**
Date Received: **02/17/2017**

Laboratory ID: **SB17017-007**
Matrix: **Solid**
% Solids: **72.7** **02/17/2017 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	200	02/20/2017 1957	MEM		34996

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		2600 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		2600	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		2600	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		2600	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**41000**		**2600**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**22000**		**2600**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		2600 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	186	41-132
Tetrachloro-m-xylene	N	147	35-106

3/21/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **B1C-101-SD**
Date Sampled: **02/16/2017 1220**
Date Received: **02/17/2017**

Laboratory ID: **SB17017-008**
Matrix: **Solid**
% Solids: **77.5** **02/17/2017 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1000	02/20/2017 2010	MEM		34996

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		12000 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		12000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		12000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		12000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**320000**		**12000**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**120000**		**12000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		12000 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	195	41-132
Tetrachloro-m-xylene	N	111	35-106

03/21/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **B1C-112-SD**
Date Sampled: **02/16/2017 1305**
Date Received: **02/17/2017**

Laboratory ID: **SB17017-009**
Matrix: **Solid**
% Solids: **73.6** **02/17/2017 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	20	02/20/2017 1744	MEM		34996

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	R
Aroclor 1016	12674-11-2	8082A	~~ND~~		260 U	ug/kg	
Aroclor 1221	11104-28-2	8082A	~~ND~~		260	ug/kg	
Aroclor 1232	11141-16-5	8082A	~~ND~~		260	ug/kg	
Aroclor 1242	53469-21-9	8082A	~~ND~~		260	ug/kg	
Aroclor 1248	**12672-29-6**	**8082A**	**5400**		**260**	**ug/kg**	
Aroclor 1254	**11097-69-1**	**8082A**	**3200**		**260**	**ug/kg**	
Aroclor 1260	11096-82-5	8082A	~~ND~~		260 U	ug/kg	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		112	41-132
Tetrachloro-m-xylene		70	35-106

3/21/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **B1C-111-SD**
Date Sampled: **02/16/2017 1315**
Date Received: **02/17/2017**

Laboratory ID: **SB17017-010**
Matrix: **Solid**
% Solids: **44.7** **02/17/2017 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	50	02/20/2017 1811	MEM		34996

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		1100 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		1100	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		1100	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		1100	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**9500**		**1100**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**4500**		**1100**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		1100 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		78	41-132
Tetrachloro-m-xylene		70	35-106

03/21/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **B1C-110-SD**
Date Sampled: **02/16/2017 1325**
Date Received: **02/17/2017**

Laboratory ID: **SB17017-011**
Matrix: **Solid**
% Solids: **37.9** **02/17/2017 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	100	02/20/2017 1930	MEM		34996

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aroclor 1016	12674-11-2	8082A	~~ND~~		2600 U	ug/kg
Aroclor 1221	11104-28-2	8082A	~~ND~~		2600	ug/kg
Aroclor 1232	11141-16-5	8082A	~~ND~~		2600	ug/kg
Aroclor 1242	53469-21-9	8082A	~~ND~~		2600	ug/kg
Aroclor 1248	**12672-29-6**	**8082A**	**25000**		**2600**	**ug/kg**
Aroclor 1254	**11097-69-1**	**8082A**	**20000**		**2600**	**ug/kg**
Aroclor 1260	11096-82-5	8082A	~~ND~~		2600 U	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		127	41-132
Tetrachloro-m-xylene		71	35-106

3/21/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **B1C-109-SD**
Date Sampled: **02/16/2017 1330**
Date Received: **02/17/2017**

Laboratory ID: **SB17017-012**
Matrix: **Solid**
% Solids: **50.6** **02/17/2017 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	100	02/20/2017 1943	MEM		34996

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		2000 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		2000	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		2000	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		2000	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**41000**		**2000**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**34000**		**2000**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	~~ND~~		2000 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl	N	136	41-132
Tetrachloro-m-xylene		69	35-106

03/21/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Shealy Environmental Services, Inc.
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Client: **synTerra**
Description: **B1C-114-SD**
Date Sampled: **02/16/2017 1400**
Date Received: **02/17/2017**

Laboratory ID: **SB17017-013**
Matrix: **Solid**
% Solids: **84.4** **02/17/2017 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	10	02/20/2017 1452	MEM		34996

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aroclor 1016	12674-11-2	8082A	~~ND~~		120 U	ug/kg
Aroclor 1221	11104-28-2	8082A	ND		120	ug/kg
Aroclor 1232	11141-16-5	8082A	ND		120	ug/kg
Aroclor 1242	53469-21-9	8082A	ND		120	ug/kg
Aroclor 1248	**12672-29-6**	**8082A**	**2400**		**120**	**ug/kg**
Aroclor 1254	**11097-69-1**	**8082A**	**1400**		**120**	**ug/kg**
Aroclor 1260	11096-82-5	8082A	~~ND~~		120 U	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		101	41-132
Tetrachloro-m-xylene		**63**	35-106

03/21/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **B1C-113-SD**
Date Sampled: **02/16/2017 1405**
Date Received: **02/17/2017**

Laboratory ID: **SB17017-014**
Matrix: **Solid**
% Solids: **68.8** **02/17/2017 2215**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	02/20/2017 1718	MEM		34996

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	ND		14 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	ND		14	ug/kg	1
Aroclor 1232	11141-16-5	8082A	ND		14	ug/kg	1
Aroclor 1242	53469-21-9	8082A	ND		14	ug/kg	1
Aroclor 1248	**12672-29-6**	**8082A**	**26**		**14**	**ug/kg**	**1**
Aroclor 1254	**11097-69-1**	**8082A**	**15**		**14**	**ug/kg**	**1**
Aroclor 1260	11096-82-5	8082A	ND		14 U	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		87	41-132
Tetrachloro-m-xylene		55	35-106

03/21/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BIC-SC-202**
Date Sampled: **03/02/2017 1108**
Date Received: **03/03/2017**

Laboratory ID: **SC03001-001**
Matrix: **Solid**
% Solids: **66.9** **03/03/2017 2221**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	03/07/2017 1110	MEM	03/03/2017 1821	36184

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units
Aroclor 1016	12674-11-2	8082A	~~ND~~		15	ug/kg
Aroclor 1221	11104-28-2	8082A	~~ND~~		15	ug/kg
Aroclor 1232	11141-16-5	8082A	~~ND~~		15	ug/kg
Aroclor 1242	53469-21-9	8082A	~~ND~~		15	ug/kg
Aroclor 1248	12672-29-6	8082A	~~ND~~		15	ug/kg
Aroclor 1254	11097-69-1	8082A	~~ND~~		15	ug/kg
Aroclor 1260	11096-82-5	8082A	~~ND~~		15	ug/kg

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		84	41-132
Tetrachloro-m-xylene		77	35-106

03/21/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BIC-201-SD**
Date Sampled: **03/02/2017 1115**
Date Received: **03/03/2017**

Laboratory ID: **SC03001-002**
Matrix: **Solid**
% Solids: **76.6** **03/03/2017 2221**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	03/07/2017 1123	MEM	03/03/2017 1821	36184

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		13 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		13	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		13	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		13	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		13	ug/kg	1
Aroclor 1254	11097-69-1	8082A	~~ND~~		13	ug/kg	1
Aroclor 1260	11096-82-5	8082A	~~ND~~		13	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		80	41-132
Tetrachloro-m-xylene		69	35-106

03/21/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of ompound exceeded the calibration range
P = The RPD betw en two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BIC-203-SD**
Date Sampled: **03/02/2017 1151**
Date Received: **03/03/2017**

Laboratory ID: **SC03001-003**
Matrix: **Solid**
% Solids: **71.8** **03/03/2017 2221**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	03/07/2017 1137	MEM	03/03/2017 1821	36184

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Ru
Aroclor 1016	12674-11-2	8082A	~~ND~~		14 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		14	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		14	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		14	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		14	ug/kg	1
Aroclor 1254	11097-69-1	8082A	~~ND~~		14	ug/kg	1
Aroclor 1260	11096-82-5	8082A	~~ND~~		14	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		87	41-132
Tetrachloro-m-xylene		76	35-106

03/21/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Client: **synTerra**
Description: **BIC-204-SD**
Date Sampled: **03/02/2017 1204**
Date Received: **03/03/2017**

Laboratory ID: **SC03001-004**
Matrix: **Solid**
% Solids: **76.8** **03/03/2017 2221**

PCBs by GC

Run	Prep Method	Cleanup	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	3546	3660B/3665A	8082A	1	03/07/2017 1150	MEM	03/03/2017 1821	36184

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Aroclor 1016	12674-11-2	8082A	~~ND~~		13 U	ug/kg	1
Aroclor 1221	11104-28-2	8082A	~~ND~~		13	ug/kg	1
Aroclor 1232	11141-16-5	8082A	~~ND~~		13	ug/kg	1
Aroclor 1242	53469-21-9	8082A	~~ND~~		13	ug/kg	1
Aroclor 1248	12672-29-6	8082A	~~ND~~		13	ug/kg	1
Aroclor 1254	11097-69-1	8082A	~~ND~~		13	ug/kg	1
Aroclor 1260	11096-82-5	8082A	~~ND~~		13	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Decachlorobiphenyl		75	41-132
Tetrachloro-m-xylene		65	35-106

3/21/17

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
N = Recovery is out of criteria
Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"