REDACTED

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 4
Science and Ecosystem Support Division
Enforcement and Investigations Branch
980 College Station Road
Athens, Georgia 30605-2720

April 26, 2012

4SESD-EIB

MEMORANDUM

SUBJECT: Provisional Data Transmittal, Blackleaf Chemical Removal Assessment; Louisville, Kentucky; SESD Project Identification Number: 12-0195

FROM: Donald Hunter, Regional Expert
Air and Superfund Section

THRU: Laura Ackerman, Section Chief
Superfund and Air Section

TO: Art Smith, On-Scene Coordinator
Emergency Response and Removal Branch
Superfund Division

Please find attached a provisional release of all results (except for the organic analyses for the waste samples, which you already have) for samples collected during the removal assessment conducted at the Blackleaf Chemical Superfund Site during February 14 – 16, 2012. The data contained in the attached Element reports represent data that has been released as final by the Analytical Support Branch. Several figures and tables are also attached. The data summary reports have been 100 % verified against the Element reports for accuracy.

Attachments included with this provisional data release include:

Metals Element Report (152 pages)
Organochlorine Pesticides Element Report (75 pages)
Semivolatiles Element Report (211 pages)
Figure 2, Sample Location Map, Residential/Off-Site Soil Samples (1 page)
Figure 3, Sample Location Map, On-Site Locations (1 page)
Figure 4, Lead Results, Surface Soil (1 page)
Metals Analytical Data Summary, Part 1 (1 page)
Metals Analytical Data Summary, Part 2 (1 page)
Metals Analytical Data Summary, Part 3 (1 page)
Waste Sample Data Summary, Metals (1 page)
Semi-Volatile Organic Compound Analytical Data Summary (8 pages)
Organochlorine Pesticide Analytical Data Summary (8 pages)

Please contact me at your earliest convenience if you have any questions regarding these data. I can be reached at hunter.don@epa.gov or (706) 355-8605.

Attachments

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

March 20, 2012

4SESD-ASB

MEMORANDUM

SUBJECT: FINAL Analytical Report
Project: 12-0195, Black Leaf Chemicals
Superfund Emergency Response and Removal

FROM: Mike Wasko
ASB Inorganic Chemistry Section, Acting Chief

THRU: Gary Bennett, Chief
Analytical Support Branch

TO: Don Hunter

Attached are the final results for the analytical groups listed below. These analyses were performed in accordance with the Analytical Support Branch's (ASB) Laboratory Operations and Quality Assurance Manual (ASB LOQAM) found at www.epa.gov/region4/sesd/asbsop. Any unique project data quality objectives specified in writing by the data requestor have also been incorporated into the data unless otherwise noted in the Report Narrative. Chemistry data have been verified based on the ASB LOQAM specifications and may have been qualified if the applicable quality control criteria were not met. For a listing of specific data qualifiers and explanations, please refer to the Data Qualifier Definitions included in this report. The reported results are accurate within the limits of the method(s) and are representative only of the samples as received by the laboratory.

Analyses Included in this report:	Method Used:
Physical Properties (PHYSP)	
Physical Properties	EPA 200.2
Total Metals (TMTL)	
Total Metals	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Sample Disposal Policy

Because of the laboratory's limited space for long term sample storage, our policy is to dispose of samples on a periodic schedule. Please note that within 60 days of this memo, the original samples and all sample extracts and/or sample digestates will be disposed of in accordance with applicable regulations. The 60-day sample disposal policy does not apply to criminal samples which are held until the laboratory is notified by the criminal investigators that case development and litigation are complete.

These samples may be held in the laboratory's custody for a longer period of time if you have a special project need. If you wish for the laboratory to hold samples beyond the 60-day period, please contact our Sample Control Coordinator, Debbie Colquitt, by e-mail at Colquitt.Debbie@epa.gov, and provide a reason for holding samples beyond 60 days

cc: Nardina Turner

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

SAMPLES INCLUDED IN THIS REPORT

Project: 12-0195, Black Leaf Chemicals

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
BC01SF	E120710-01	Surface Soil	2/15/12 12:50	2/16/12 17:22
BC02SB	E120710-02	Subsurface Soil	2/15/12 13:25	2/16/12 17:22
BC02SF	E120710-03	Surface Soil	2/15/12 13:10	2/16/12 17:22
BC03SF	E120710-04	Surface Soil	2/15/12 14:00	2/16/12 17:22
BC04SF	E120710-05	Surface Soil	2/15/12 14:20	2/16/12 17:22
BC05WA	E120710-06	Waste	2/15/12 14:50	2/16/12 17:22
BC06WA	E120710-07	Waste	2/15/12 14:55	2/16/12 17:22
BC07WA	E120710-08	Waste	2/15/12 15:00	2/16/12 17:22
DH1385SF	E120710-09	Surface Soil	2/14/12 10:30	2/16/12 17:22
DH1389SF	E120710-10	Surface Soil	2/14/12 10:00	2/16/12 17:22
SF1338SF	E120710-11	Surface Soil	2/14/12 11:35	2/16/12 17:22
SF1340SF	E120710-12	Surface Soil	2/14/12 09:50	2/16/12 17:22
SF1340SFD	E120710-13	Surface Soil	2/14/12 10:35	2/16/12 17:22
SL1700SF	E120710-14	Surface Soil	2/15/12 10:10	2/16/12 17:22
SL1701SF	E120710-15	Surface Soil	2/15/12 08:55	2/16/12 17:22
SL1701SFS	E120710-16	Surface Soil	2/15/12 08:55	2/16/12 17:22
SL1701SFX	E120710-17	Surface Soil	2/15/12 09:18	2/16/12 17:22
SL1702SF	E120710-18	Surface Soil	2/15/12 10:33	2/16/12 17:22
SL1703SF	E120710-19	Surface Soil	2/15/12 09:38	2/16/12 17:22
SL1708SF	E120710-20	Surface Soil	2/15/12 10:50	2/16/12 17:22
SL1710SF	E120710-21	Surface Soil	2/15/12 12:17	2/16/12 17:22
SL1712SF	E120710-22	Surface Soil	2/15/12 12:40	2/16/12 17:22
SL1714SF	E120710-23	Surface Soil	2/15/12 13:00	2/16/12 17:22
SL1716SF	E120710-24	Surface Soil	2/15/12 13:17	2/16/12 17:22
SL1718SF	E120710-25	Surface Soil	2/15/12 13:33	2/16/12 17:22
SL1720SF	E120710-26	Surface Soil	2/15/12 13:50	2/16/12 17:22
SL1722SF	E120710-27	Surface Soil	2/15/12 10:15	2/16/12 17:22
SL1724SF	E120710-28	Surface Soil	2/15/12 09:55	2/16/12 17:22
SL1726SF	E120710-29	Surface Soil	2/15/12 09:20	2/16/12 17:22
SL1726SFS	E120710-30	Surface Soil	2/15/12 09:20	2/16/12 17:22
SL1728SF	E120710-31	Surface Soil	2/15/12 09:00	2/16/12 17:22
SL1732SF	E120710-32	Surface Soil	2/14/12 17:10	2/16/12 17:22
SL1734SF	E120710-33	Surface Soil	2/14/12 16:45	2/16/12 17:22
SL1736SF	E120710-34	Surface Soil	2/14/12 16:15	2/16/12 17:22

SL1740SF	E120710-35	Surface Soil	2/14/12 14:30	2/16/12 17:22
SL1740SFD	E120710-36	Surface Soil	2/14/12 14:40	2/16/12 17:22
SL1742SF	E120710-37	Surface Soil	2/14/12 14:05	2/16/12 17:22
SL1742SFX	E120710-38	Surface Soil	2/14/12 13:45	2/16/12 17:22
SL1748SF	E120710-39	Surface Soil	2/14/12 12:15	2/16/12 17:22
SL1750SF	E120710-40	Surface Soil	2/14/12 12:00	2/16/12 17:22
SL1752SF	E120710-41	Surface Soil	2/14/12 11:00	2/16/12 17:22
WA1518SF	E120710-42	Surface Soil	2/14/12 13:10	2/16/12 17:22
WA1518SFX	E120710-43	Surface Soil	2/14/12 13:35	2/16/12 17:22
WA1520SF	E120710-44	Surface Soil	2/14/12 14:05	2/16/12 17:22
WA1526SF	E120710-45	Surface Soil	2/14/12 14:35	2/16/12 17:22
WA1534SF	E120710-46	Surface Soil	2/15/12 08:55	2/16/12 17:22
WA1602SF	E120710-47	Surface Soil	2/14/12 15:40	2/16/12 17:22
WA1606SF	E120710-48	Surface Soil	2/14/12 16:25	2/16/12 17:22
WA1608SF	E120710-49	Surface Soil	2/14/12 16:50	2/16/12 17:22
WA1610SF	E120710-50	Surface Soil	2/15/12 10:00	2/16/12 17:22
WA1610SFX	E120710-51	Surface Soil	2/15/12 10:00	2/16/12 17:22
WA1614SF	E120710-52	Surface Soil	2/14/12 17:15	2/16/12 17:22
WA1616SF	E120710-53	Surface Soil	2/15/12 11:00	2/16/12 17:22
WA1618SF	E120710-54	Surface Soil	2/15/12 10:40	2/16/12 17:22
WA1620SF	E120710-55	Surface Soil	2/15/12 11:30	2/16/12 17:22
WA1620SFS	E120710-56	Surface Soil	2/15/12 11:35	2/16/12 17:22
WA1624SF	E120710-57	Surface Soil	2/15/12 12:00	2/16/12 17:22
WA1626SF	E120710-58	Surface Soil	2/14/12 17:11	2/16/12 17:22
WA1702SF	E120710-59	Surface Soil	2/14/12 14:50	2/16/12 17:22
WA1702SFD	E120710-60	Surface Soil	2/14/12 15:05	2/16/12 17:22
WA1702SFX	E120710-61	Surface Soil	2/14/12 15:25	2/16/12 17:22
WA1704SF	E120710-62	Surface Soil	2/14/12 15:45	2/16/12 17:22
WA1712SF	E120710-63	Surface Soil	2/14/12 16:18	2/16/12 17:22
WA1714SF	E120710-64	Surface Soil	2/14/12 13:50	2/16/12 17:22
WA1716SF	E120710-65	Surface Soil	2/14/12 13:34	2/16/12 17:22
WA1716SFX	E120710-66	Surface Soil	2/14/12 13:34	2/16/12 17:22
WA1722SF	E120710-67	Surface Soil	2/14/12 12:11	2/16/12 17:22
WA1728SF	E120710-68	Surface Soil	2/14/12 11:48	2/16/12 17:22
WA1732SF	E120710-69	Surface Soil	2/14/12 10:24	2/16/12 17:22
WA1734SF	E120710-70	Surface Soil	2/14/12 09:52	2/16/12 17:22
WA1740SF	E120710-71	Surface Soil	2/14/12 11:15	2/16/12 17:22

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

DATA QUALIFIER DEFINITIONS

U	The analyte was not detected at or above the reporting limit.
J	The identification of the analyte is acceptable; the reported value is an estimate.
QM-1	Matrix Spike Recovery less than method control limits

ACRONYMS AND ABBREVIATIONS

CAS — Chemical Abstracts Service

Note: Analytes with no known CAS identifiers have been assigned codes beginning with "E", the EPA ID as assigned by the EPA Substance Registry System (www.epa.gov/srs), or beginning with "R4-", a unique identifier assigned by the EPA Region 4 laboratory.

MDL — Method Detection Limit - The minimum concentration of a substance (an analyte) that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero.

MRL — Minimum Reporting Limit - Analyte concentration that corresponds to the lowest demonstrated level of acceptable quantitation. The MRL is sample-specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments.

TIC — Tentatively Identified Compound - An analyte identified based on a match with the instrument software's mass spectral library. A calibration standard has not been analyzed to confirm the compound's identification or the estimated concentration reported.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: BC01SF
Station ID: BC01
Lab ID: E120710-01
Matrix: Surface Soil

Date Collected: 2/15/12 12:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	4.4		mg/kg dry	0.20	2/28/12 14:22	3/09/12 11:51	EPA 200.8
7439-92-1	Lead	10		mg/kg dry	0.20	2/28/12 14:22	3/09/12 11:51	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: BC01SF
Station ID: BC01
Lab ID: E120710-01
Matrix: Surface Soil

Date Collected: 2/15/12 12:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	80		%	0.0	2/24/12 15:02	2/27/12 15:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: BC02SB
Station ID: BC02
Lab ID: E120710-02
Matrix: Subsurface Soil

Date Collected: 2/15/12 13:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	9.8		mg/kg dry	0.20	2/28/12 14:22	3/09/12 11:56	EPA 200.8
7439-92-1	Lead	170		mg/kg dry	2.5	2/28/12 14:22	3/09/12 12:01	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: BC02SB
Station ID: BC02
Lab ID: E120710-02
Matrix: Subsurface Soil

Date Collected: 2/15/12 13:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	84		%	0.0	2/24/12 15:02	2/27/12 15:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: BC02SF
Station ID: BC02

Lab ID: E120710-03
Matrix: Surface Soil

Date Collected: 2/15/12 13:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	10		mg/kg dry	0.20	2/28/12 14:22	3/09/12 12:06	EPA 200.8
7439-92-1	Lead	140		mg/kg dry	2.5	2/28/12 14:22	3/09/12 12:10	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: BC02SF
Station ID: BC02
Lab ID: E120710-03
Matrix: Surface Soil

Date Collected: 2/15/12 13:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	83		%	0.0	2/24/12 15:02	2/27/12 15:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: BC03SF
Lab ID: E120710-04
Station ID: BC03
Matrix: Surface Soil

Date Collected: 2/15/12 14:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	1.7		mg/kg dry	0.20	2/28/12 14:22	3/09/12 12:15	EPA 200.8
7439-92-1	Lead	7.6		mg/kg dry	0.20	2/28/12 14:22	3/09/12 12:15	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: BC03SF
Station ID: BC03
Lab ID: E120710-04
Matrix: Surface Soil

Date Collected: 2/15/12 14:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	93		%	0.0	2/24/12 15:02	2/27/12 15:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: BC04SF
Lab ID: E120710-05
Station ID: BC04
Matrix: Surface Soil

Date Collected: 2/15/12 14:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	0.83		mg/kg dry	0.20	2/28/12 14:22	3/09/12 12:30	EPA 200.8
7439-92-1	Lead	2.7		mg/kg dry	0.20	2/28/12 14:22	3/09/12 12:30	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: BC04SF
Station ID: BC04
Lab ID: E120710-05
Matrix: Surface Soil

Date Collected: 2/15/12 14:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	94		%	0.0	2/24/12 15:02	2/27/12 15:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: BC05WA **Lab ID:** E120710-06
Station ID: BC05 **Matrix:** Waste

Date Collected: 2/15/12 14:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	0.19	U	mg/kg	0.19	3/09/12 13:31	3/14/12 15:14	EPA 200.8
7439-92-1	Lead	1.6		mg/kg	0.19	3/09/12 13:31	3/14/12 15:14	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: BC06WA **Lab ID:** E120710-07
Station ID: BC06 **Matrix:** Waste

Date Collected: 2/15/12 14:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	10		mg/kg	0.20	3/09/12 13:31	3/14/12 15:43	EPA 200.8
7439-92-1	Lead	3100		mg/kg	50	3/09/12 13:31	3/14/12 15:19	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: BC07WA **Lab ID:** E120710-08

Station ID: BC07 **Matrix:** Waste

Date Collected: 2/15/12 15:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	46		mg/kg	0.50	3/09/12 13:31	3/14/12 16:03	EPA 200.8
7439-92-1	Lead	450		mg/kg	5.0	3/09/12 13:31	3/14/12 16:08	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: DH1385SF
Station ID: DH1385
Lab ID: E120710-09
Matrix: Surface Soil

Date Collected: 2/14/12 10:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	15		mg/kg dry	0.20	2/28/12 14:22	3/09/12 12:35	EPA 200.8
7439-92-1	Lead	140		mg/kg dry	2.5	2/28/12 14:22	3/09/12 12:40	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: DH1385SF **Lab ID: E120710-09**

Station ID: DH1385 **Matrix: Surface Soil**

Date Collected: 2/14/12 10:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	77		%	0.0	2/24/12 15:02	2/27/12 15:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: DH1389SF **Lab ID:** E120710-10

Station ID: DH1389 **Matrix:** Surface Soil

Date Collected: 2/14/12 10:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	11		mg/kg dry	0.20	2/28/12 14:22	3/09/12 12:45	EPA 200.8
7439-92-1	Lead	240		mg/kg dry	2.5	2/28/12 14:22	3/09/12 12:50	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: DH1389SF
Station ID: DH1389
Lab ID: E120710-10
Matrix: Surface Soil

Date Collected: 2/14/12 10:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	77		%	0.0	2/24/12 15:02	2/27/12 15:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: SF1338SF
Station ID: SF1338
Lab ID: E120710-11
Matrix: Surface Soil

Date Collected: 2/14/12 11:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	7.9		mg/kg dry	0.20	2/28/12 14:22	3/09/12 12:55	EPA 200.8
7439-92-1	Lead	250		mg/kg dry	2.5	2/28/12 14:22	3/09/12 13:00	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: SF1338SF
Station ID: SF1338
Lab ID: E120710-11
Matrix: Surface Soil

Date Collected: 2/14/12 11:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	74		%	0.0	2/24/12 15:02	2/27/12 15:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: SF1340SF
Station ID: SF1340
Lab ID: E120710-12
Matrix: Surface Soil

Date Collected: 2/14/12 9:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	9.1		mg/kg dry	0.20	2/28/12 14:22	3/09/12 13:24	EPA 200.8
7439-92-1	Lead	110		mg/kg dry	1.0	2/28/12 14:22	3/09/12 13:29	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: SF1340SF
Station ID: SF1340
Lab ID: E120710-12
Matrix: Surface Soil

Date Collected: 2/14/12 9:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	76		%	0.0	2/24/12 15:02	2/27/12 15:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: SF1340SFD **Lab ID:** E120710-13

Station ID: SF1340 **Matrix:** Surface Soil

Date Collected: 2/14/12 10:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	9.5		mg/kg dry	0.20	2/28/12 14:22	3/09/12 13:34	EPA 200.8
7439-92-1	Lead	120		mg/kg dry	1.0	2/28/12 14:22	3/09/12 13:39	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: SF1340SFD
Station ID: SF1340
Lab ID: E120710-13
Matrix: Surface Soil

Date Collected: 2/14/12 10:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	74		%	0.0	2/24/12 15:02	2/27/12 15:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1700SF
Station ID: SL1700
Lab ID: E120710-14
Matrix: Surface Soil

Date Collected: 2/15/12 10:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	7.2		mg/kg dry	0.20	2/28/12 14:22	3/09/12 13:44	EPA 200.8
7439-92-1	Lead	120		mg/kg dry	1.0	2/28/12 14:22	3/09/12 13:49	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1700SF
Station ID: SL1700
Lab ID: E120710-14
Matrix: Surface Soil

Date Collected: 2/15/12 10:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	79		%	0.0	2/24/12 15:02	2/27/12 15:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1701SF
Station ID: SL1701
Lab ID: E120710-15
Matrix: Surface Soil

Date Collected: 2/15/12 8:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	9.3		mg/kg dry	0.20	2/28/12 14:22	3/09/12 13:54	EPA 200.8
7439-92-1	Lead	130		mg/kg dry	2.5	2/28/12 14:22	3/09/12 13:59	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1701SF
Station ID: SL1701
Lab ID: E120710-15
Matrix: Surface Soil

Date Collected: 2/15/12 8:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	80		%	0.0	2/24/12 15:02	2/27/12 15:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1701SFS
Station ID: SL1701
Lab ID: E120710-16
Matrix: Surface Soil

Date Collected: 2/15/12 8:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	9.4		mg/kg dry	0.20	2/28/12 14:22	3/09/12 14:03	EPA 200.8
7439-92-1	Lead	130		mg/kg dry	2.5	2/28/12 14:22	3/09/12 14:08	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1701SFS
Station ID: SL1701
Lab ID: E120710-16
Matrix: Surface Soil

Date Collected: 2/15/12 8:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	80		%	0.0	2/24/12 15:02	2/27/12 15:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1701SFX
Station ID: SL1701X
Lab ID: E120710-17
Matrix: Surface Soil

Date Collected: 2/15/12 9:18

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	10		mg/kg dry	0.20	2/28/12 14:22	3/09/12 14:23	EPA 200.8
7439-92-1	Lead	140		mg/kg dry	2.5	2/28/12 14:22	3/09/12 14:28	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1701SFX
Station ID: SL1701X
Lab ID: E120710-17
Matrix: Surface Soil

Date Collected: 2/15/12 9:18

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	78		%	0.0	2/24/12 15:02	2/27/12 15:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1702SF
Lab ID: E120710-18
Station ID: SL1702
Matrix: Surface Soil

Date Collected: 2/15/12 10:33

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	7.1		mg/kg dry	0.20	2/28/12 14:22	3/09/12 14:33	EPA 200.8
7439-92-1	Lead	100		mg/kg dry	0.99	2/28/12 14:22	3/09/12 14:38	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1702SF
Station ID: SL1702
Lab ID: E120710-18
Matrix: Surface Soil

Date Collected: 2/15/12 10:33

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	77		%	0.0	2/24/12 15:02	2/27/12 15:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1703SF
Station ID: SL1703
Lab ID: E120710-19
Matrix: Surface Soil

Date Collected: 2/15/12 9:38

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	10		mg/kg dry	0.20	2/28/12 14:22	3/09/12 14:43	EPA 200.8
7439-92-1	Lead	180		mg/kg dry	2.5	2/28/12 14:22	3/09/12 14:48	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1703SF
Station ID: SL1703
Lab ID: E120710-19
Matrix: Surface Soil

Date Collected: 2/15/12 9:38

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	77		%	0.0	2/24/12 15:02	2/27/12 15:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1708SF
Station ID: SL1708
Lab ID: E120710-20
Matrix: Surface Soil

Date Collected: 2/15/12 10:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	6.7		mg/kg dry	0.20	2/28/12 14:22	3/09/12 14:53	EPA 200.8
7439-92-1	Lead	240		mg/kg dry	2.5	2/28/12 14:22	3/09/12 14:58	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1708SF
Station ID: SL1708
Lab ID: E120710-20
Matrix: Surface Soil

Date Collected: 2/15/12 10:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	77		%	0.0	2/24/12 15:02	2/27/12 15:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1710SF
Station ID: SL1710

Lab ID: E120710-21
Matrix: Surface Soil

Date Collected: 2/15/12 12:17

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	7.4		mg/kg dry	0.20	2/28/12 14:22	3/09/12 15:02	EPA 200.8
7439-92-1	Lead	260	J, QM-1	mg/kg dry	2.5	2/28/12 14:22	3/09/12 15:07	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1710SF
Lab ID: E120710-21
Station ID: SL1710
Matrix: Surface Soil

Date Collected: 2/15/12 12:17

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	80		%	0.0	2/24/12 15:02	2/27/12 15:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1712SF
Station ID: SL1712
Lab ID: E120710-22
Matrix: Surface Soil

Date Collected: 2/15/12 12:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	8.2		mg/kg dry	0.20	2/28/12 14:22	3/09/12 15:32	EPA 200.8
7439-92-1	Lead	230		mg/kg dry	2.5	2/28/12 14:22	3/09/12 15:37	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1712SF
Lab ID: E120710-22
Station ID: SL1712
Matrix: Surface Soil

Date Collected: 2/15/12 12:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	78		%	0.0	2/24/12 15:02	2/27/12 15:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1714SF **Lab ID:** E120710-23

Station ID: SL1714 **Matrix:** Surface Soil

Date Collected: 2/15/12 13:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	8.3		mg/kg dry	0.20	2/28/12 14:22	3/09/12 15:42	EPA 200.8
7439-92-1	Lead	260		mg/kg dry	2.5	2/28/12 14:22	3/09/12 15:47	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1714SF
Station ID: SL1714
Lab ID: E120710-23
Matrix: Surface Soil

Date Collected: 2/15/12 13:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	76		%	0.0	2/24/12 15:02	2/27/12 15:35	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1716SF
Station ID: SL1716
Lab ID: E120710-24
Matrix: Surface Soil

Date Collected: 2/15/12 13:17

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	9.8		mg/kg dry	0.20	3/08/12 10:28	3/12/12 12:54	EPA 200.8
7439-92-1	Lead	270		mg/kg dry	2.5	3/08/12 10:28	3/12/12 12:59	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1716SF
Lab ID: E120710-24
Station ID: SL1716
Matrix: Surface Soil

Date Collected: 2/15/12 13:17

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	77		%	0.0	3/01/12 15:10	3/02/12 13:03	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1718SF
Lab ID: E120710-25
Station ID: SL1718
Matrix: Surface Soil

Date Collected: 2/15/12 13:33

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	10		mg/kg dry	0.20	3/08/12 10:28	3/12/12 13:14	EPA 200.8
7439-92-1	Lead	250		mg/kg dry	2.5	3/08/12 10:28	3/12/12 13:19	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1718SF
Station ID: SL1718
Lab ID: E120710-25
Matrix: Surface Soil

Date Collected: 2/15/12 13:33

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	78		%	0.0	3/01/12 15:10	3/02/12 13:03	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1720SF
Station ID: SL1720
Lab ID: E120710-26
Matrix: Surface Soil

Date Collected: 2/15/12 13:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	9.2		mg/kg dry	0.20	3/08/12 10:28	3/12/12 13:34	EPA 200.8
7439-92-1	Lead	190		mg/kg dry	2.5	3/08/12 10:28	3/12/12 13:38	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1720SF
Station ID: SL1720
Lab ID: E120710-26
Matrix: Surface Soil

Date Collected: 2/15/12 13:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	78		%	0.0	3/01/12 15:10	3/02/12 13:03	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1722SF
Station ID: SL1722
Lab ID: E120710-27
Matrix: Surface Soil

Date Collected: 2/15/12 10:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	8.5		mg/kg dry	0.20	3/08/12 10:28	3/12/12 13:43	EPA 200.8
7439-92-1	Lead	260		mg/kg dry	2.5	3/08/12 10:28	3/12/12 13:48	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1722SF
Lab ID: E120710-27
Station ID: SL1722
Matrix: Surface Soil

Date Collected: 2/15/12 10:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	80		%	0.0	3/01/12 15:10	3/02/12 13:03	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1724SF
Station ID: SL1724
Lab ID: E120710-28
Matrix: Surface Soil

Date Collected: 2/15/12 9:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	8.1		mg/kg dry	0.20	3/08/12 10:28	3/12/12 13:53	EPA 200.8
7439-92-1	Lead	320		mg/kg dry	2.5	3/08/12 10:28	3/12/12 13:58	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1724SF
Lab ID: E120710-28
Station ID: SL1724
Matrix: Surface Soil

Date Collected: 2/15/12 9:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	80		%	0.0	3/01/12 15:10	3/02/12 13:03	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1726SF
Lab ID: E120710-29
Station ID: SL1726
Matrix: Surface Soil

Date Collected: 2/15/12 9:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	10		mg/kg dry	0.20	3/08/12 10:28	3/12/12 14:03	EPA 200.8
7439-92-1	Lead	330		mg/kg dry	2.5	3/08/12 10:28	3/12/12 14:08	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1726SF
Station ID: SL1726
Lab ID: E120710-29
Matrix: Surface Soil

Date Collected: 2/15/12 9:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	77		%	0.0	3/01/12 15:10	3/02/12 13:03	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1726SFS
Station ID: SL1726
Lab ID: E120710-30
Matrix: Surface Soil

Date Collected: 2/15/12 9:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	9.6		mg/kg dry	0.20	3/08/12 10:28	3/12/12 14:13	EPA 200.8
7439-92-1	Lead	310		mg/kg dry	2.5	3/08/12 10:28	3/12/12 14:18	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1726SFS **Lab ID:** E120710-30

Station ID: SL1726 **Matrix:** Surface Soil

Date Collected: 2/15/12 9:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	77		%	0.0	3/01/12 15:10	3/02/12 13:03	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1728SF
Lab ID: E120710-31
Station ID: SL1728
Matrix: Surface Soil

Date Collected: 2/15/12 9:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	8.5		mg/kg dry	0.20	3/08/12 10:28	3/12/12 14:33	EPA 200.8
7439-92-1	Lead	160		mg/kg dry	2.5	3/08/12 10:28	3/12/12 14:38	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1728SF
Station ID: SL1728
Lab ID: E120710-31
Matrix: Surface Soil

Date Collected: 2/15/12 9:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	77		%	0.0	3/01/12 15:10	3/02/12 13:03	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1732SF
Station ID: SL1732
Lab ID: E120710-32
Matrix: Surface Soil

Date Collected: 2/14/12 17:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	8.1		mg/kg dry	0.20	3/08/12 10:28	3/12/12 14:43	EPA 200.8
7439-92-1	Lead	180		mg/kg dry	2.5	3/08/12 10:28	3/12/12 14:48	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1732SF **Lab ID:** E120710-32

Station ID: SL1732 **Matrix:** Surface Soil

Date Collected: 2/14/12 17:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	78		%	0.0	3/01/12 15:10	3/02/12 13:03	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1734SF
Station ID: SL1734
Lab ID: E120710-33
Matrix: Surface Soil

Date Collected: 2/14/12 16:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	6.4		mg/kg dry	0.20	3/08/12 10:28	3/12/12 14:53	EPA 200.8
7439-92-1	Lead	170		mg/kg dry	2.5	3/08/12 10:28	3/12/12 14:58	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1734SF
Station ID: SL1734
Lab ID: E120710-33
Matrix: Surface Soil

Date Collected: 2/14/12 16:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	83		%	0.0	3/01/12 15:10	3/02/12 13:03	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1736SF
Station ID: SL1736
Lab ID: E120710-34
Matrix: Surface Soil

Date Collected: 2/14/12 16:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	7.4		mg/kg dry	0.20	3/08/12 10:28	3/12/12 15:02	EPA 200.8
7439-92-1	Lead	120		mg/kg dry	1.0	3/08/12 10:28	3/12/12 15:07	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1736SF
Station ID: SL1736
Lab ID: E120710-34
Matrix: Surface Soil

Date Collected: 2/14/12 16:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	77		%	0.0	3/01/12 15:10	3/02/12 13:03	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1740SF
Lab ID: E120710-35
Station ID: SL1740
Matrix: Surface Soil

Date Collected: 2/14/12 14:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	7.0		mg/kg dry	0.20	3/08/12 10:28	3/12/12 15:34	EPA 200.8
7439-92-1	Lead	76		mg/kg dry	0.99	3/08/12 10:28	3/12/12 15:39	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1740SF
Station ID: SL1740
Lab ID: E120710-35
Matrix: Surface Soil

Date Collected: 2/14/12 14:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	81		%	0.0	3/01/12 15:10	3/02/12 13:03	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1740SFD
Lab ID: E120710-36
Station ID: SL1740
Matrix: Surface Soil

Date Collected: 2/14/12 14:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	8.5		mg/kg dry	0.20	3/08/12 10:28	3/12/12 15:44	EPA 200.8
7439-92-1	Lead	92		mg/kg dry	0.99	3/08/12 10:28	3/12/12 15:49	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1740SFD
Lab ID: E120710-36
Station ID: SL1740
Matrix: Surface Soil

Date Collected: 2/14/12 14:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	78		%	0.0	3/01/12 15:10	3/02/12 13:03	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1742SF
Station ID: SL1742
Lab ID: E120710-37
Matrix: Surface Soil

Date Collected: 2/14/12 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	8.3		mg/kg dry	0.20	3/08/12 10:28	3/12/12 15:54	EPA 200.8
7439-92-1	Lead	230		mg/kg dry	2.5	3/08/12 10:28	3/12/12 15:59	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1742SF
Station ID: SL1742
Lab ID: E120710-37
Matrix: Surface Soil

Date Collected: 2/14/12 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	80		%	0.0	3/01/12 15:10	3/02/12 13:03	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1742SFX
Station ID: SL1742X
Lab ID: E120710-38
Matrix: Surface Soil

Date Collected: 2/14/12 13:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	7.2		mg/kg dry	0.20	3/08/12 10:28	3/12/12 16:04	EPA 200.8
7439-92-1	Lead	320		mg/kg dry	2.5	3/08/12 10:28	3/12/12 16:08	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1742SFX
Lab ID: E120710-38
Station ID: SL1742X
Matrix: Surface Soil

Date Collected: 2/14/12 13:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	81		%	0.0	3/01/12 15:10	3/02/12 13:03	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1748SF
Lab ID: E120710-39
Station ID: SL1748
Matrix: Surface Soil

Date Collected: 2/14/12 12:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	50		mg/kg dry	1.0	3/08/12 10:28	3/12/12 16:13	EPA 200.8
7439-92-1	Lead	420		mg/kg dry	5.0	3/08/12 10:28	3/12/12 16:18	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1748SF
Station ID: SL1748
Lab ID: E120710-39
Matrix: Surface Soil

Date Collected: 2/14/12 12:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	77		%	0.0	3/01/12 15:10	3/02/12 13:03	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1750SF
Station ID: SL1750
Lab ID: E120710-40
Matrix: Surface Soil

Date Collected: 2/14/12 12:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	8.1		mg/kg dry	0.20	3/08/12 10:28	3/12/12 16:33	EPA 200.8
7439-92-1	Lead	360		mg/kg dry	2.5	3/08/12 10:28	3/12/12 16:38	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1750SF **Lab ID:** E120710-40

Station ID: SL1750 **Matrix:** Surface Soil

Date Collected: 2/14/12 12:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	75		%	0.0	3/01/12 15:10	3/02/12 13:03	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1752SF
Lab ID: E120710-41
Station ID: SL1752
Matrix: Surface Soil

Date Collected: 2/14/12 11:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	8.8		mg/kg dry	0.20	3/08/12 10:28	3/12/12 16:43	EPA 200.8
7439-92-1	Lead	410		mg/kg dry	4.9	3/08/12 10:28	3/12/12 16:48	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: SL1752SF
Station ID: SL1752
Lab ID: E120710-41
Matrix: Surface Soil

Date Collected: 2/14/12 11:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	78		%	0.0	3/01/12 15:10	3/02/12 13:03	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1518SF
Lab ID: E120710-42
Station ID: WA1518
Matrix: Surface Soil

Date Collected: 2/14/12 13:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	10		mg/kg dry	0.20	3/08/12 10:28	3/12/12 16:53	EPA 200.8
7439-92-1	Lead	330		mg/kg dry	2.5	3/08/12 10:28	3/12/12 16:58	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1518SF
Station ID: WA1518
Lab ID: E120710-42
Matrix: Surface Soil

Date Collected: 2/14/12 13:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	76		%	0.0	3/01/12 15:10	3/02/12 13:03	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1518SFX **Lab ID:** E120710-43
Station ID: WA1518X **Matrix:** Surface Soil

Date Collected: 2/14/12 13:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	8.1		mg/kg dry	0.20	3/08/12 10:28	3/12/12 17:03	EPA 200.8
7439-92-1	Lead	270		mg/kg dry	2.5	3/08/12 10:28	3/12/12 17:08	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1518SFX **Lab ID:** E120710-43
Station ID: WA1518X **Matrix:** Surface Soil

Date Collected: 2/14/12 13:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	78		%	0.0	3/01/12 15:10	3/02/12 13:03	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1520SF **Lab ID:** E120710-44

Station ID: WA1520 **Matrix:** Surface Soil

Date Collected: 2/14/12 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	6.5		mg/kg dry	0.20	3/08/12 10:33	3/13/12 11:13	EPA 200.8
7439-92-1	Lead	160		mg/kg dry	2.5	3/08/12 10:33	3/13/12 11:18	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1520SF
Station ID: WA1520
Lab ID: E120710-44
Matrix: Surface Soil

Date Collected: 2/14/12 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	79		%	0.0	3/05/12 10:07	3/07/12 11:08	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1526SF
Station ID: WA1526
Lab ID: E120710-45
Matrix: Surface Soil

Date Collected: 2/14/12 14:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	7.3		mg/kg dry	0.20	3/08/12 10:33	3/13/12 11:32	EPA 200.8
7439-92-1	Lead	290		mg/kg dry	2.5	3/08/12 10:33	3/13/12 11:37	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1526SF
Station ID: WA1526
Lab ID: E120710-45
Matrix: Surface Soil

Date Collected: 2/14/12 14:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	75		%	0.0	3/05/12 10:07	3/07/12 11:08	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1534SF
Lab ID: E120710-46
Station ID: WA1534
Matrix: Surface Soil

Date Collected: 2/15/12 8:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	7.1		mg/kg dry	0.20	3/08/12 10:33	3/13/12 11:52	EPA 200.8
7439-92-1	Lead	210		mg/kg dry	2.5	3/08/12 10:33	3/13/12 11:57	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1534SF **Lab ID:** E120710-46

Station ID: WA1534 **Matrix:** Surface Soil

Date Collected: 2/15/12 8:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	75		%	0.0	3/05/12 10:07	3/07/12 11:08	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1602SF
Station ID: WA1602
Lab ID: E120710-47
Matrix: Surface Soil

Date Collected: 2/14/12 15:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	7.5		mg/kg dry	0.20	3/08/12 10:33	3/13/12 12:02	EPA 200.8
7439-92-1	Lead	240		mg/kg dry	2.5	3/08/12 10:33	3/13/12 12:07	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1602SF
Station ID: WA1602
Lab ID: E120710-47
Matrix: Surface Soil

Date Collected: 2/14/12 15:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	74		%	0.0	3/05/12 10:07	3/07/12 11:08	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1606SF
Station ID: WA1606
Lab ID: E120710-48
Matrix: Surface Soil

Date Collected: 2/14/12 16:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	8.1		mg/kg dry	0.20	3/08/12 10:33	3/13/12 12:12	EPA 200.8
7439-92-1	Lead	150		mg/kg dry	2.5	3/08/12 10:33	3/13/12 12:17	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1606SF
Lab ID: E120710-48
Station ID: WA1606
Matrix: Surface Soil

Date Collected: 2/14/12 16:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	77		%	0.0	3/05/12 10:07	3/07/12 11:08	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1608SF
Station ID: WA1608
Lab ID: E120710-49
Matrix: Surface Soil

Date Collected: 2/14/12 16:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	11		mg/kg dry	0.20	3/08/12 10:33	3/13/12 12:22	EPA 200.8
7439-92-1	Lead	220		mg/kg dry	2.5	3/08/12 10:33	3/13/12 12:27	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1608SF
Station ID: WA1608
Lab ID: E120710-49
Matrix: Surface Soil

Date Collected: 2/14/12 16:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	76		%	0.0	3/05/12 10:07	3/07/12 11:08	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1610SF
Lab ID: E120710-50
Station ID: WA1610
Matrix: Surface Soil

Date Collected: 2/15/12 10:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	9.1		mg/kg dry	0.20	3/08/12 10:33	3/13/12 12:32	EPA 200.8
7439-92-1	Lead	480		mg/kg dry	5.0	3/08/12 10:33	3/13/12 12:36	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1610SF **Lab ID:** E120710-50
Station ID: WA1610 **Matrix:** Surface Soil

Date Collected: 2/15/12 10:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	73		%	0.0	3/05/12 10:07	3/07/12 11:08	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1610SFX **Lab ID:** E120710-51

Station ID: WA1610X **Matrix:** Surface Soil

Date Collected: 2/15/12 10:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	8.1		mg/kg dry	0.20	3/08/12 10:33	3/13/12 12:51	EPA 200.8
7439-92-1	Lead	220		mg/kg dry	2.5	3/08/12 10:33	3/13/12 12:56	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1610SFX **Lab ID:** E120710-51
Station ID: WA1610X **Matrix:** Surface Soil

Date Collected: 2/15/12 10:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	80		%	0.0	3/05/12 10:07	3/07/12 11:08	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1614SF
Station ID: WA1614
Lab ID: E120710-52
Matrix: Surface Soil

Date Collected: 2/14/12 17:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	11		mg/kg dry	0.20	3/08/12 10:33	3/13/12 13:01	EPA 200.8
7439-92-1	Lead	350		mg/kg dry	5.0	3/08/12 10:33	3/13/12 13:06	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1614SF
Station ID: WA1614
Lab ID: E120710-52
Matrix: Surface Soil

Date Collected: 2/14/12 17:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	76		%	0.0	3/05/12 10:07	3/07/12 11:08	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1616SF
Lab ID: E120710-53
Station ID: WA1616
Matrix: Surface Soil

Date Collected: 2/15/12 11:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	9.4		mg/kg dry	0.20	3/08/12 10:33	3/13/12 13:11	EPA 200.8
7439-92-1	Lead	490		mg/kg dry	5.0	3/08/12 10:33	3/13/12 13:16	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1616SF
Station ID: WA1616
Lab ID: E120710-53
Matrix: Surface Soil

Date Collected: 2/15/12 11:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	76		%	0.0	3/05/12 10:07	3/07/12 11:08	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1618SF
Lab ID: E120710-54
Station ID: WA1618
Matrix: Surface Soil

Date Collected: 2/15/12 10:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	12		mg/kg dry	0.20	3/08/12 10:33	3/13/12 13:21	EPA 200.8
7439-92-1	Lead	390		mg/kg dry	5.0	3/08/12 10:33	3/13/12 13:26	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1618SF
Station ID: WA1618
Lab ID: E120710-54
Matrix: Surface Soil

Date Collected: 2/15/12 10:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	78		%	0.0	3/05/12 10:07	3/07/12 11:08	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1620SF
Lab ID: E120710-55
Station ID: WA1620
Matrix: Surface Soil

Date Collected: 2/15/12 11:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	8.5		mg/kg dry	0.20	3/08/12 10:33	3/13/12 13:51	EPA 200.8
7439-92-1	Lead	590		mg/kg dry	5.0	3/08/12 10:33	3/13/12 13:56	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1620SF
Station ID: WA1620
Lab ID: E120710-55
Matrix: Surface Soil

Date Collected: 2/15/12 11:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	73		%	0.0	3/05/12 10:07	3/07/12 11:08	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1620SFS
Lab ID: E120710-56
Station ID: WA1620
Matrix: Surface Soil

Date Collected: 2/15/12 11:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	8.1		mg/kg dry	0.20	3/08/12 10:33	3/13/12 14:00	EPA 200.8
7439-92-1	Lead	520		mg/kg dry	5.0	3/08/12 10:33	3/13/12 14:05	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1620SFS
Lab ID: E120710-56
Station ID: WA1620
Matrix: Surface Soil

Date Collected: 2/15/12 11:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	75		%	0.0	3/05/12 10:07	3/07/12 11:08	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1624SF
Station ID: WA1624
Lab ID: E120710-57
Matrix: Surface Soil

Date Collected: 2/15/12 12:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	9.4		mg/kg dry	0.20	3/08/12 10:33	3/13/12 14:10	EPA 200.8
7439-92-1	Lead	460		mg/kg dry	4.9	3/08/12 10:33	3/13/12 14:15	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1624SF
Station ID: WA1624
Lab ID: E120710-57
Matrix: Surface Soil

Date Collected: 2/15/12 12:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	77		%	0.0	3/05/12 10:07	3/07/12 11:08	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1626SF
Station ID: WA1626
Lab ID: E120710-58
Matrix: Surface Soil

Date Collected: 2/14/12 17:11

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	8.5		mg/kg dry	0.20	3/08/12 10:33	3/13/12 14:20	EPA 200.8
7439-92-1	Lead	370		mg/kg dry	5.0	3/08/12 10:33	3/13/12 14:25	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1626SF
Station ID: WA1626
Lab ID: E120710-58
Matrix: Surface Soil

Date Collected: 2/14/12 17:11

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	77		%	0.0	3/05/12 10:07	3/07/12 11:08	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1702SF
Station ID: WA1702
Lab ID: E120710-59
Matrix: Surface Soil

Date Collected: 2/14/12 14:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	8.4		mg/kg dry	0.20	3/08/12 10:33	3/13/12 14:30	EPA 200.8
7439-92-1	Lead	210		mg/kg dry	2.5	3/08/12 10:33	3/13/12 14:35	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1702SF
Station ID: WA1702
Lab ID: E120710-59
Matrix: Surface Soil

Date Collected: 2/14/12 14:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	80		%	0.0	3/05/12 10:07	3/07/12 11:08	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1702SFD
Lab ID: E120710-60
Station ID: WA1702
Matrix: Surface Soil

Date Collected: 2/14/12 15:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	8.8		mg/kg dry	0.20	3/08/12 10:33	3/13/12 14:50	EPA 200.8
7439-92-1	Lead	360		mg/kg dry	4.9	3/08/12 10:33	3/13/12 14:55	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1702SFD
Station ID: WA1702
Lab ID: E120710-60
Matrix: Surface Soil

Date Collected: 2/14/12 15:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	79		%	0.0	3/05/12 10:07	3/07/12 11:08	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1702SFX **Lab ID:** E120710-61
Station ID: WA1702X **Matrix:** Surface Soil

Date Collected: 2/14/12 15:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	7.8		mg/kg dry	0.20	3/08/12 10:33	3/13/12 15:00	EPA 200.8
7439-92-1	Lead	370		mg/kg dry	5.0	3/08/12 10:33	3/13/12 15:05	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1702SFX **Lab ID:** E120710-61
Station ID: WA1702X **Matrix:** Surface Soil

Date Collected: 2/14/12 15:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	81		%	0.0	3/05/12 10:07	3/07/12 11:08	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1704SF
Lab ID: E120710-62
Station ID: WA1704
Matrix: Surface Soil

Date Collected: 2/14/12 15:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	7.8		mg/kg dry	0.20	3/08/12 10:33	3/13/12 15:10	EPA 200.8
7439-92-1	Lead	170		mg/kg dry	2.5	3/08/12 10:33	3/13/12 15:15	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1704SF
Lab ID: E120710-62
Station ID: WA1704
Matrix: Surface Soil

Date Collected: 2/14/12 15:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	81		%	0.0	3/05/12 10:07	3/07/12 11:08	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1712SF
Station ID: WA1712
Lab ID: E120710-63
Matrix: Surface Soil

Date Collected: 2/14/12 16:18

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	8.4		mg/kg dry	0.20	3/08/12 10:33	3/13/12 15:20	EPA 200.8
7439-92-1	Lead	300		mg/kg dry	2.5	3/08/12 10:33	3/13/12 15:25	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1712SF
Lab ID: E120710-63
Station ID: WA1712
Matrix: Surface Soil

Date Collected: 2/14/12 16:18

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	78		%	0.0	3/05/12 10:07	3/07/12 11:08	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1714SF
Station ID: WA1714
Lab ID: E120710-64
Matrix: Surface Soil

Date Collected: 2/14/12 13:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	8.0		mg/kg dry	0.20	3/09/12 13:27	3/14/12 13:10	EPA 200.8
7439-92-1	Lead	190		mg/kg dry	2.5	3/09/12 13:27	3/14/12 13:15	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1714SF
Station ID: WA1714
Lab ID: E120710-64
Matrix: Surface Soil

Date Collected: 2/14/12 13:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	77		%	0.0	3/07/12 15:40	3/09/12 10:40	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1716SF
Station ID: WA1716
Lab ID: E120710-65
Matrix: Surface Soil

Date Collected: 2/14/12 13:34

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	7.1		mg/kg dry	0.20	3/09/12 13:27	3/14/12 13:20	EPA 200.8
7439-92-1	Lead	240		mg/kg dry	2.5	3/09/12 13:27	3/14/12 13:25	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1716SF
Lab ID: E120710-65
Station ID: WA1716
Matrix: Surface Soil

Date Collected: 2/14/12 13:34

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	78		%	0.0	3/07/12 15:40	3/09/12 10:40	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1716SFX **Lab ID:** E120710-66
Station ID: WA1716X **Matrix:** Surface Soil

Date Collected: 2/14/12 13:34

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	6.7		mg/kg dry	0.20	3/09/12 13:27	3/14/12 13:30	EPA 200.8
7439-92-1	Lead	180		mg/kg dry	2.5	3/09/12 13:27	3/14/12 13:35	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1716SFX **Lab ID:** E120710-66
Station ID: WA1716X **Matrix:** Surface Soil

Date Collected: 2/14/12 13:34

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	78		%	0.0	3/07/12 15:40	3/09/12 10:40	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1722SF
Station ID: WA1722
Lab ID: E120710-67
Matrix: Surface Soil

Date Collected: 2/14/12 12:11

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	9.2		mg/kg dry	0.20	3/09/12 13:27	3/14/12 13:50	EPA 200.8
7439-92-1	Lead	200		mg/kg dry	2.5	3/09/12 13:27	3/14/12 13:55	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1722SF
Lab ID: E120710-67
Station ID: WA1722
Matrix: Surface Soil

Date Collected: 2/14/12 12:11

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	78		%	0.0	3/07/12 15:40	3/09/12 10:40	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1728SF
Station ID: WA1728
Lab ID: E120710-68
Matrix: Surface Soil

Date Collected: 2/14/12 11:48

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	8.0		mg/kg dry	0.20	3/09/12 13:27	3/14/12 13:59	EPA 200.8
7439-92-1	Lead	840		mg/kg dry	10	3/09/12 13:27	3/14/12 14:04	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1728SF
Lab ID: E120710-68
Station ID: WA1728
Matrix: Surface Soil

Date Collected: 2/14/12 11:48

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	78		%	0.0	3/07/12 15:40	3/09/12 10:40	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1732SF
Station ID: WA1732
Lab ID: E120710-69
Matrix: Surface Soil

Date Collected: 2/14/12 10:24

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	6.6		mg/kg dry	0.20	3/09/12 13:27	3/14/12 14:09	EPA 200.8
7439-92-1	Lead	170		mg/kg dry	2.5	3/09/12 13:27	3/14/12 14:14	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1732SF
Station ID: WA1732
Lab ID: E120710-69
Matrix: Surface Soil

Date Collected: 2/14/12 10:24

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	78		%	0.0	3/07/12 15:40	3/09/12 10:40	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1734SF
Station ID: WA1734
Lab ID: E120710-70
Matrix: Surface Soil

Date Collected: 2/14/12 9:52

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	9.6		mg/kg dry	0.20	3/09/12 13:27	3/14/12 14:29	EPA 200.8
7439-92-1	Lead	110		mg/kg dry	1.0	3/09/12 13:27	3/14/12 14:34	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1734SF
Station ID: WA1734
Lab ID: E120710-70
Matrix: Surface Soil

Date Collected: 2/14/12 9:52

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	77		%	0.0	3/07/12 15:40	3/09/12 10:40	EPA 200.2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1740SF
Station ID: WA1740
Lab ID: E120710-71
Matrix: Surface Soil

Date Collected: 2/14/12 11:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic	11		mg/kg dry	0.20	3/09/12 13:27	3/14/12 14:49	EPA 200.8
7439-92-1	Lead	270		mg/kg dry	2.5	3/09/12 13:27	3/14/12 14:54	EPA 200.8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Physical Properties

Project: 12-0195, Black Leaf Chemicals

Sample ID: WA1740SF
Station ID: WA1740
Lab ID: E120710-71
Matrix: Surface Soil

Date Collected: 2/14/12 11:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1642941	% Solids	78		%	0.0	3/07/12 15:40	3/09/12 10:40	EPA 200.2

Total Metals (TMTL) - Quality Control

US-EPA, Region 4, SESD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1202159 - M 200.2 Metals Soil										
Blank (1202159-BLK1)				Prepared: 02/28/12 Analyzed: 03/09/12						
EPA 200.8										
Arsenic	U	0.10	mg/kg dry							U
Lead	U	0.10	"							U
Blank (1202159-BLK2)				Prepared: 02/28/12 Analyzed: 03/09/12						
EPA 200.8										
Arsenic	U	0.10	mg/kg dry							U
Lead	U	0.10	"							U
LCS (1202159-BS1)				Prepared: 02/28/12 Analyzed: 03/09/12						
EPA 200.8										
Arsenic	51.165	1.0	mg/kg dry	50.000		102	85-115			
Lead	101.58	1.0	"	100.00		102	85-115			
Matrix Spike (1202159-MS1)	**Source: E120710-11RE1**			Prepared: 02/28/12 Analyzed: 03/09/12						
EPA 200.8										
Arsenic	55.057	2.5	mg/kg dry	49.039	8.5735	94.8	70-130			
Lead	335.79	2.5	"	98.078	250.78	86.7	70-130			
Matrix Spike (1202159-MS2)	**Source: E120710-21RE1**			Prepared: 02/28/12 Analyzed: 03/09/12						
EPA 200.8										
Arsenic	55.241	2.5	mg/kg dry	49.476	8.2927	94.9	70-130			
Lead	322.00	2.5	"	98.951	264.25	58.4	70-130			QM-I
Matrix Spike Dup (1202159-MSD1)	**Source: E120710-11RE1**			Prepared: 02/28/12 Analyzed: 03/09/12						
EPA 200.8										
Arsenic	57.015	2.5	mg/kg dry	49.029	8.5735	98.8	70-130	3.49	20	
Lead	342.84	2.5	"	98.058	250.78	93.9	70-130	2.08	20	
Matrix Spike Dup (1202159-MSD2)	**Source: E120710-21RE1**			Prepared: 02/28/12 Analyzed: 03/09/12						
EPA 200.8										
Arsenic	53.893	2.5	mg/kg dry	49.388	8.2927	92.3	70-130	2.47	20	
Lead	334.48	2.5	"	98.775	264.25	71.1	70-130	3.80	20	
MRL Verification (1202159-PS1)				Prepared: 02/28/12 Analyzed: 03/09/12						
EPA 200.8										
Arsenic	0.10200	0.10	mg/kg dry	0.10000		102	65-135			MRL-3

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals (TMTL) - Quality Control

US-EPA, Region 4, SESD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1202159 - M 200.2 Metals Soil										
MRL Verification (1202159-PS1)				Prepared: 02/28/12 Analyzed: 03/09/12						
Lead	0.10870	0.10	mg/kg dry	0.10000		109	65-135			MRL-3
Batch 1203037 - M 200.2 Metals Soil										
Blank (1203037-BLK1)				Prepared: 03/08/12 Analyzed: 03/12/12						
EPA 200.8										
Arsenic	U	0.10	mg/kg dry							U
Lead	U	0.10	"							U
Blank (1203037-BLK2)				Prepared: 03/08/12 Analyzed: 03/12/12						
EPA 200.8										
Arsenic	U	0.10	mg/kg dry							U
Lead	U	0.10	"							U
LCS (1203037-BS1)				Prepared: 03/08/12 Analyzed: 03/12/12						
EPA 200.8										
Arsenic	51.864	1.0	mg/kg dry	50.000		104	85-115			
Lead	104.31	1.0	"	100.00		104	85-115			
Matrix Spike (1203037-MS1)	**Source: E120710-24RE1**			Prepared: 03/08/12 Analyzed: 03/12/12						
EPA 200.8										
Arsenic	57.005	2.5	mg/kg dry	49.145	10.235	95.2	70-130			
Lead	385.50	2.5	"	98.290	266.25	121	70-130			
Matrix Spike (1203037-MS2)	**Source: E120710-34RE1**			Prepared: 03/08/12 Analyzed: 03/12/12						
EPA 200.8										
Arsenic	48.323	2.5	mg/kg dry	49.860	7.7036	81.5	70-130			
Lead	204.30	2.5	"	99.721	119.76	84.8	70-130			
Matrix Spike Dup (1203037-MSD1)	**Source: E120710-24RE1**			Prepared: 03/08/12 Analyzed: 03/12/12						
EPA 200.8										
Arsenic	56.168	2.5	mg/kg dry	49.613	10.235	92.6	70-130	1.48	20	
Lead	379.18	2.5	"	99.226	266.25	114	70-130	1.65	20	

Total Metals (TMTL) - Quality Control

US-EPA, Region 4, SESD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1203037 - M 200.2 Metals Soil										
Matrix Spike Dup (1203037-MSD2)		**Source: E120710-34RE1**		Prepared: 03/08/12 Analyzed: 03/12/12						
EPA 200.8										
Arsenic	49.200	2.5	mg/kg dry	49.662	7.7036	83.6	70-130	1.80	20	
Lead	206.51	2.5	"	99.325	119.76	87.3	70-130	1.08	20	
MRL Verification (1203037-PS1)				Prepared: 03/08/12 Analyzed: 03/12/12						
EPA 200.8										
Arsenic	0.050735	0.10	mg/kg dry	0.10000		50.7	65-135			MRL-3, QR-1, U
Lead	0.12189	0.10	"	0.10000		122	65-135			MRL-3
Batch 1203038 - M 200.2 Metals Soil										
Blank (1203038-BLK1)				Prepared: 03/08/12 Analyzed: 03/13/12						
EPA 200.8										
Arsenic	U	0.10	mg/kg dry							U
Lead	U	0.10	"							U
Blank (1203038-BLK2)				Prepared: 03/08/12 Analyzed: 03/13/12						
EPA 200.8										
Arsenic	U	0.10	mg/kg dry							U
Lead	U	0.10	"							U
LCS (1203038-BS1)				Prepared: 03/08/12 Analyzed: 03/13/12						
EPA 200.8										
Arsenic	49.533	1.0	mg/kg dry	50.000		99.1	85-115			
Lead	103.15	1.0	"	100.00		103	85-115			
Matrix Spike (1203038-MS1)		**Source: E120710-44RE1**		Prepared: 03/08/12 Analyzed: 03/13/12						
EPA 200.8										
Arsenic	53.166	2.5	mg/kg dry	49.930	7.0805	92.3	70-130			
Lead	251.32	2.5	"	99.860	164.59	86.9	70-130			
Matrix Spike (1203038-MS2)		**Source: E120710-54RE1**		Prepared: 03/08/12 Analyzed: 03/13/12						
EPA 200.8										
Arsenic	58.036	4.9	mg/kg dry	49.290	12.872	91.6	70-130			
Lead	525.31	4.9	"	98.580	391.69	136	70-130			XM-1

Total Metals (TMTL) - Quality Control

US-EPA, Region 4, SESD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1203038 - M 200.2 Metals Soil										
Matrix Spike Dup (1203038-MSD1)		**Source: E120710-44RE1**		Prepared: 03/08/12 Analyzed: 03/13/12						
EPA 200.8										
Arsenic	51.233	2.5	mg/kg dry	49.436	7.0805	89.3	70-130	3.70	20	
Lead	248.96	2.5	"	98.873	164.59	85.3	70-130	0.944	20	
Matrix Spike Dup (1203038-MSD2)		**Source: E120710-54RE1**		Prepared: 03/08/12 Analyzed: 03/13/12						
EPA 200.8										
Arsenic	59.164	4.9	mg/kg dry	49.271	12.872	94.0	70-130	1.92	20	
Lead	516.90	4.9	"	98.542	391.69	127	70-130	1.61	20	XM-1
MRL Verification (1203038-PS1)				Prepared: 03/08/12 Analyzed: 03/13/12						
EPA 200.8										
Arsenic	0.10469	0.10	mg/kg dry	0.10000		105	65-135			MRL-3
Lead	0.10953	0.10	"	0.10000		110	65-135			MRL-3
Batch 1203050 - M 200.2 Metals Soil										
Blank (1203050-BLK1)				Prepared: 03/09/12 Analyzed: 03/14/12						
EPA 200.8										
Arsenic	U	0.10	mg/kg dry							U
Lead	U	0.10	"							U
Blank (1203050-BLK2)				Prepared: 03/09/12 Analyzed: 03/14/12						
EPA 200.8										
Arsenic	U	0.10	mg/kg dry							U
Lead	U	0.10	"							U
LCS (1203050-BS1)				Prepared: 03/09/12 Analyzed: 03/14/12						
EPA 200.8										
Arsenic	52.189	1.0	mg/kg dry	50.000		104	85-115			
Lead	102.87	1.0	"	100.00		103	85-115			
Matrix Spike (1203050-MS1)		**Source: E120710-69**		Prepared: 03/09/12 Analyzed: 03/14/12						
EPA 200.8										
Arsenic	52.632	2.5	mg/kg dry	49.682	6.5578	92.7	70-130			
Lead	297.21	2.5	"	99.364	188.94	109	70-130			

Total Metals (TMTL) - Quality Control

US-EPA, Region 4, SESD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1203050 - M 200.2 Metals Soil										
Matrix Spike Dup (1203050-MSD1)	**Source: E120710-69**			Prepared: 03/09/12 Analyzed: 03/14/12						
EPA 200.8										
Arsenic	52.666	2.5	mg/kg dry	49.741	6.5578	92.7	70-130	0.0663	20	
Lead	274.11	2.5	"	99.483	188.94	85.6	70-130	8.08	20	
MRL Verification (1203050-PS1)				Prepared: 03/09/12 Analyzed: 03/14/12						
EPA 200.8										
Arsenic	0.076218	0.10	mg/kg dry	0.10000		76.2	65-135			MRL-3, U
Lead	0.10481	0.10	"	0.10000		105	65-135			MRL-3
Batch 1203051 - M 200.2 Metals Waste										
Blank (1203051-BLK1)				Prepared: 03/09/12 Analyzed: 03/14/12						
EPA 200.8										
Arsenic	U	0.10	mg/kg							U
Lead	U	0.10	"							U
LCS (1203051-BS1)				Prepared: 03/09/12 Analyzed: 03/14/12						
EPA 200.8										
Arsenic	50.408	1.0	mg/kg	50.000		101	85-115			
Lead	103.92	1.0	"	100.00		104	85-115			
Matrix Spike (1203051-MS1)	**Source: E120710-07**			Prepared: 03/09/12 Analyzed: 03/14/12						
EPA 200.8										
Lead	3217.6	49	mg/kg	98.971	3070.7	148	70-130			XM-1
Matrix Spike (1203051-MS2)	**Source: E120710-07RE1**			Prepared: 03/09/12 Analyzed: 03/14/12						
EPA 200.8										
Arsenic	51.397	2.5	mg/kg	49.485	10.403	82.8	70-130			
Matrix Spike Dup (1203051-MSD1)	**Source: E120710-07**			Prepared: 03/09/12 Analyzed: 03/14/12						
EPA 200.8										
Lead	3258.7	50	mg/kg	99.344	3070.7	189	70-130	1.27	20	XM-1
Matrix Spike Dup (1203051-MSD2)	**Source: E120710-07RE1**			Prepared: 03/09/12 Analyzed: 03/14/12						
EPA 200.8										
Arsenic	56.005	2.5	mg/kg	49.672	10.403	91.8	70-130	8.58	20	

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Total Metals (TMTL) - Quality Control

US-EPA, Region 4, SESD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1203051 - M 200.2 Metals Waste										
MRL Verification (1203051-PS1)				Prepared: 03/09/12 Analyzed: 03/14/12						
EPA 200.8										
Arsenic	0.15109	0.10	mg/kg	0.10000		151	65-135			MRL-6, QR-2
Lead	0.11949	0.10	"	0.10000		119	65-135			MRL-6

Physical Properties (PHYSP) - Quality Control

US-EPA, Region 4, SESD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1202144 - M % Solids										
Duplicate (1202144-DUP1)	**Source: E120710-23**			Prepared: 02/24/12 Analyzed: 02/27/12						
EPA 200.2										
% Solids	76.213	0.0	%		75.842			0.488	10	
Batch 1203009 - M % Solids										
Duplicate (1203009-DUP1)	**Source: E120710-43**			Prepared: 03/01/12 Analyzed: 03/02/12						
EPA 200.2										
% Solids	77.248	0.0	%		77.704			0.589	10	
Batch 1203017 - M % Solids										
Duplicate (1203017-DUP1)	**Source: E120710-63**			Prepared: 03/05/12 Analyzed: 03/07/12						
EPA 200.2										
% Solids	77.779	0.0	%		77.657			0.157	10	
Batch 1203049 - M % Solids										
Duplicate (1203049-DUP1)	**Source: E120710-68**			Prepared: 03/07/12 Analyzed: 03/09/12						
EPA 200.2										
% Solids	77.688	0.0	%		77.500			0.242	10	

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0195, Black Leaf Chemicals - Reported by Mike Wasko

Notes and Definitions for QC Samples

U	The analyte was not detected at or above the reporting limit.
MRL-3	MRL verification for Soil matrix
MRL-6	MRL verification for Waste matrix
QM-1	Matrix Spike Recovery less than method control limits
QR-1	MRL verification recovery less than lower control limits.
QR-2	MRL verification recovery greater than upper control limits.
XM-1	Sample background/spike ratio higher than method evaluation criteria

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

April 4, 2012

4SESD-MTSB

MEMORANDUM

SUBJECT: FINAL Analytical Report
Project: 12-0221, Black Leaf Chemicals
Superfund Emergency Response and Removal

FROM: Jeffrey Hendel
Quality Assurance Section Chemist

THRU: Marilyn Maycock, Chief
Quality Assurance Section

TO: Don Hunter

Attached are the final results for the analytical groups listed below. These analyses were performed in accordance with the associated contract Statement Of Work (SOW). In general, project data quality objectives have not been used to evaluate these data prior to release by the Quality Assurance Section. For a listing of specific data qualifiers and explanations, please refer to the Data Qualifier Definitions included in this report.

Analyses Included in this report:	Method Used:
Organochlorine Pesticides (OCP)	
Organochlorine pesticides	CLP Pesticides

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Report Narrative for Work Order C121007, Project: 12-0221
Site Name: Black Leaf Chemicals, Louisville, KY
CLP Case No. 42229, ELEMENT Sample Nos. C121007-01 through C121007-69

Organic Analysis: ALS Laboratory Group (DataChem), Salt Lake City, UT

The ESAT Work Team reviewed data for sixty-eight (68) soil samples analyzed for semi-volatile extractable organic compounds and pesticide compounds per CLP statement of work SOM01.2. The analytical results were reported in four sample delivery groups (SDGs) by the laboratory. In addition to the field samples, the laboratory analyzed one performance evaluation sample (PES) for evaluating the laboratory's performance with using the methods. The samples were collected on 02/14/12 and 02/15/12, and were received by the laboratory on 02/16/12. The final data package was received on 03/08/12 by the USEPA Quality Assurance Section, Region 4 SESD/MTSB.

The laboratory satisfied all technical analysis and extraction holding time requirements. A Stage 4 validation consisting of an electronic/manual review (S4VEM) was performed on the organic samples submitted for this case. The data package presents acceptable technical performance with qualifications.

All results associated with erratic initial and/or continuing calibration performance were "J" flagged with the appropriate Element qualifier (CLP16 and/or QC-1). Deuterated monitoring compounds (DMC) are used as surrogates in each sample for GC/MS analysis to monitor extraction efficiency.

Data quality factors requiring qualification of results are discussed below:

Semi-volatile Extractable Organic Compounds

The laboratory scored within warning limits for all spiked analytes in the PES except for 2,4-dichlorophenol, anthracene, and benzo(a)anthracene which were all scored as warning low. Any positive detects for these compounds were qualified "J" (CLP25), and any non-detects were qualified "R" (CLP25).

The percent recoveries of the DMC 4-chloroaniline-d4 was within the quality control limits established by the method and less than 10% for samples C121007-01, 06, 07, 08, 09, 11, 12, 13, 15, 18, 23, 25, 28, 29, 30, 31, 32, 33, 36, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 54, 55, 58, 61, 62, 63, 65, 67, and 68. The compounds associated with this DMC, 4-chloroaniline, hexachlorocyclopentadiene, and 3, 3'-dichlorobenzidine were qualified "J" (QS-4) in each of these samples.

The laboratory reported zero percent recovery for the DMC 4-chloroaniline-d4 in samples C121007-14, 16, 17, 19, 20, 21, 26, 27, 38, and 50. For these samples, the compounds associated with this DMC, 4-chloroaniline, hexachlorocyclopentadiene, and 3, 3'-dichlorobenzidine were qualified "R" (QS-4).

The percent recoveries of the DMC 4,6-dinitro-2-methylphenol-d2 was within the quality control limits

established by the method and less than 10% for samples C121007-04, 05, 06, 07, 09, 42, 49, and 62. The compound associated with this DMC, 4,6-dinitro-2-methylphenol was qualified "J" (QS-4) in each of these samples.

The percent recoveries of the DMC 4-methylphenol-d8 was within the quality control limits established by the method and less than 10% for sample C121007-26. The compounds associated with this DMC, 2-methylphenol, 4-methylphenol, 2,4-dimethylphenol were qualified "J" (QS-4) in this sample.

The percent recoveries of the DMC 4-methylphenol-d8 was less than the quality control limit established by the method and less than 10% for sample C121007-14. The compounds associated with this DMC, 2-methylphenol, 4-methylphenol, 2,4-dimethylphenol were qualified "R" (QS-4) in this sample.

Low DMC recoveries were observed in samples C121007-01, 03, 07, 11, 17, 19, 21, 40, 42, 43, and 50. All results associated with out of control DMCs were qualified "J" (QS-3) in these samples.

Internal standard area counts for chrysene-d12 and/or perylene were less than the quality control limt in samples C121007-20, 24, 25, 28, 29, and 30. The extracts were re-analyzed with similar results and low internal standard area counts observed suggesting a matrix effect. All results associated with out of control internal standards were qualified "J" (QI-1) in each of these samples.

The pyrene results were qualified "J" (QM-3) in samples C121007-38 and 63 due to poor precision in the matrix spike/ matrix spike duplicate (MS/MSD) performed for these two samples.

In the MS/MSD pair, the laboratory reported a low percent recovery for the compound 4-chloro-3-methylphenol for sample C121007-37. The non-detected result for this compound was qualified "UJ" (QM-1).

Due to matrix affects, the laboratory was required to dilute the sample extracts prior to the gel permeation cleanup procedure due to extract viscosity for samples C121007-02, 10, 22, 51, 56, 57, 59, and 60. As a result, the reporting limits for these samples are elevated even though all target analytes were present at less than the adjusted CRQL.

Pesticide Compounds

Pesticide results were "N,CLP12" qualified whenever the percent difference between analytical column results exceeds 25% but is less than 70%. Pesticide results were qualified "U" (CLP13) at a higher reporting limit whenever a peak was present within the retention time window established on both columns for that pesticide, but the percent difference exceeded 70%. Six spiked analytes to include: alpha-BHC, delta-BHC, gamma-BHC, heptachlor, dieldrin and alpha-chlordane in the PES had percent differences exceeding 25%. Higher percent differences with the attached "N" qualifier may be indicative of a false positive result. Conversely, higher percent differences leading to "U" qualification could potentially be a false negative due

to a coelution affecting only one column.

The dieldrin and 4,4'-DDT results in sample C121007-38, and the 4,4'-DDT result in sample C121007-37 were qualified "J" (QM-3) due to poor precision observed in the MS/MSD performed for these samples.

GC/MS confirmed the presence of 4,4'-DDE in sample C121007-04 and dieldrin in sample C121007-44 and both of these results were qualified "D-1".

Due to matrix affects, the laboratory was required to dilute the sample extracts prior to the gel permeation cleanup procedure due to extract viscosity for samples C121007-02 and 22. As a result, the reporting limits for these samples are elevated even though all target analytes were present at less than the adjusted CRQL.

Data qualification factors are explained by the Region 4 - specific qualifier definitions which are included elsewhere in this report. Further details are provided in the complete data review report, which is on file in the Region 4 SESD Records Center.

cc: Nardina Turner

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

SAMPLES INCLUDED IN THIS REPORT

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID	Laboratory ID	MD#	D#	Matrix	Date Collected
BC01SF	C121007-01		6N51	Surface Soil	2/15/12 12:50
BC02SB	C121007-02		6N53	Subsurface Soil	2/15/12 13:25
BC02SF	C121007-03		6N54	Surface Soil	2/15/12 13:10
BC03SF	C121007-04		6N55	Surface Soil	2/15/12 14:00
BC04SF	C121007-05		6N56	Surface Soil	2/15/12 14:20
DH1385SF	C121007-06		6N11	Surface Soil	2/14/12 10:30
DH1389SF	C121007-07		6N12	Surface Soil	2/14/12 10:00
SF1338SF	C121007-08		6N59	Surface Soil	2/14/12 11:35
SF1340SF	C121007-09		6N13	Surface Soil	2/14/12 09:50
SF1340SFD	C121007-10		6N58	Surface Soil	2/14/12 10:35
SL1700SF	C121007-11		6N14	Surface Soil	2/15/12 10:10
SL1701SF	C121007-12		6N15	Surface Soil	2/15/12 08:55
SL1701SFS	C121007-13		6N77	Surface Soil	2/15/12 08:55
SL1701SFX	C121007-14		6N78	Surface Soil	2/15/12 09:18
SL1702SF	C121007-15		6N16	Surface Soil	2/15/12 10:33
SL1703SF	C121007-16		6N17	Surface Soil	2/15/12 09:38
SL1708SF	C121007-17		6N18	Surface Soil	2/15/12 10:50
SL1710SF	C121007-18		6N72	Surface Soil	2/15/12 12:17
SL1712SF	C121007-19		6N73	Surface Soil	2/15/12 12:40
SL1714SF	C121007-20		6N19	Surface Soil	2/15/12 13:00
SL1716SF	C121007-21		6N20	Surface Soil	2/15/12 13:17
SL1718SF	C121007-22		6N50	Surface Soil	2/15/12 13:33
SL1720SF	C121007-23		6N74	Surface Soil	2/15/12 13:50
SL1722SF	C121007-24		6N21	Surface Soil	2/15/12 10:15
SL1724SF	C121007-25		6N22	Surface Soil	2/15/12 09:55
SL1726SF	C121007-26		6N23	Surface Soil	2/15/12 09:20
SL1726SFS	C121007-27		6N76	Surface Soil	2/15/12 09:20
SL1728SF	C121007-28		6N24	Surface Soil	2/15/12 09:00
SL1732SF	C121007-29		6N25	Surface Soil	2/14/12 17:10
SL1734SF	C121007-30		6N26	Surface Soil	2/14/12 16:45
SL1736SF	C121007-31		6N27	Surface Soil	2/14/12 16:15
SL1740SF	C121007-32		6N28	Surface Soil	2/14/12 14:30
SL1740SFD	C121007-33		6N63	Surface Soil	2/14/12 14:40
SL1742SF	C121007-34		6N29	Surface Soil	2/14/12 14:05

SL1742SFX	C121007-35	6N66	Surface Soil	2/14/12 13:45
SL1748SF	C121007-36	6N30	Surface Soil	2/14/12 12:15
SL1750SF	C121007-37	6N61	Surface Soil	2/14/12 12:00
SL1752SF	C121007-38	6N57	Surface Soil	2/14/12 11:00
WA1518SF	C121007-39	6N31	Surface Soil	2/14/12 13:10
WA1518SFX	C121007-40	6N64	Surface Soil	2/14/12 13:35
WA1520SF	C121007-41	6N32	Surface Soil	2/14/12 14:05
WA1526SF	C121007-42	6N65	Surface Soil	2/14/12 14:35
WA1534SF	C121007-43	6N70	Surface Soil	2/15/12 08:55
WA1602SF	C121007-44	6N33	Surface Soil	2/14/12 15:40
WA1606SF	C121007-45	6N34	Surface Soil	2/14/12 16:25
WA1608SF	C121007-46	6N69	Surface Soil	2/14/12 16:50
WA1610SF	C121007-47	6N35	Surface Soil	2/15/12 10:00
WA1610SFX	C121007-48	6N75	Surface Soil	2/15/12 10:00
WA1614SF	C121007-49	6N36	Surface Soil	2/14/12 17:15
WA1616SF	C121007-50	6N37	Surface Soil	2/15/12 11:00
WA1618SF	C121007-51	6N71	Surface Soil	2/15/12 10:40
WA1620SF	C121007-52	6N38	Surface Soil	2/15/12 11:30
WA1620SFS	C121007-53	6N83	Surface Soil	2/15/12 11:35
WA1624SF	C121007-54	6N39	Surface Soil	2/15/12 12:00
WA1626SF	C121007-55	6N40	Surface Soil	2/14/12 17:11
WA1702SF	C121007-56	6N41	Surface Soil	2/14/12 14:50
WA1702SFD	C121007-57	6N67	Surface Soil	2/14/12 15:05
WA1702SFX	C121007-58	6N68	Surface Soil	2/14/12 15:25
WA1704SF	C121007-59	6N42	Surface Soil	2/14/12 15:45
WA1712SF	C121007-60	6N43	Surface Soil	2/14/12 16:18
WA1714SF	C121007-61	6N44	Surface Soil	2/14/12 13:50
WA1716SF	C121007-62	6N45	Surface Soil	2/14/12 13:34
WA1716SFX	C121007-63	6N62	Surface Soil	2/14/12 13:34
WA1722SF	C121007-64	6N60	Surface Soil	2/14/12 12:11
WA1728SF	C121007-65	6N46	Surface Soil	2/14/12 11:48
WA1732SF	C121007-66	6N47	Surface Soil	2/14/12 10:24
WA1734SF	C121007-67	6N48	Surface Soil	2/14/12 09:52
WA1740SF	C121007-68	6N49	Surface Soil	2/14/12 11:15

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

DATA QUALIFIER DEFINITIONS

U	The analyte was not detected at or above the reporting limit.
CLP01	Concentration reported is less than the lowest standard on calibration curve
CLP12	Difference between GC columns above method warning limit
CLP13	Difference between GC columns above method action limit
D-1	The analyte is determined to be present. The presence of the analyte was confirmed by GC/MS.
J	The identification of the analyte is acceptable; the reported value is an estimate.
N	There is presumptive evidence that the analyte is present; the analyte is reported as a tentative identification.
NJ	Presumptive evidence that analyte is present; reported as a tentative identification with an estimated value.
QM-3	Matrix Spike Precision outside method control limits

ACRONYMS AND ABBREVIATIONS

CAS Chemical Abstracts Service

Note: Analytes with no known CAS identifiers have been assigned codes beginning with "E", the EPA ID as assigned by the EPA Substance Registry System (www.epa.gov/srs), or beginning with "R4-", a unique identifier assigned by the EPA Region 4 laboratory.

MDL Method Detection Limit - The minimum concentration of a substance (an analyte) that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero.

MRL Minimum Reporting Limit - Analyte concentration that corresponds to the lowest demonstrated level of acceptable quantitation. The MRL is sample-specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments.

TIC Tentatively Identified Compound - An analyte identified based on a match with the instrument software's mass spectral library. A calibration standard has not been analyzed to confirm the compound's identification or the estimated concentration reported.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: BC01SF
Station ID: BC01

Lab ID: C121007-01
Matrix: Surface Soil

MD No:
D No: 6N51 DATAC

Date Collected: 2/15/12 12:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	28		%		2/20/12	3/02/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	9.9	U, CLP13	ug/kg dry	4.6	2/20/12	3/02/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	86		ug/kg dry	4.6	2/20/12	3/02/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	29	N, CLP12	ug/kg dry	4.6	2/20/12	3/02/12	CLP SOM01.2 P
309-00-2	Aldrin	2.4	U	ug/kg dry	2.4	2/20/12	3/02/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.4	U	ug/kg dry	2.4	2/20/12	3/02/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	2.4	U	ug/kg dry	2.4	2/20/12	3/02/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.4	U	ug/kg dry	2.4	2/20/12	3/02/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.4	U	ug/kg dry	2.4	2/20/12	3/02/12	CLP SOM01.2 P
60-57-1	Dieldrin	4.6	U	ug/kg dry	4.6	2/20/12	3/02/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.4	U	ug/kg dry	2.4	2/20/12	3/02/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.6	U	ug/kg dry	4.6	2/20/12	3/02/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.6	U	ug/kg dry	4.6	2/20/12	3/02/12	CLP SOM01.2 P
72-20-8	Endrin	4.6	U	ug/kg dry	4.6	2/20/12	3/02/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	3.4	NJ, CLP01, CLP12	ug/kg dry	4.6	2/20/12	3/02/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.6	U	ug/kg dry	4.6	2/20/12	3/02/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.4	U	ug/kg dry	2.4	2/20/12	3/02/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	2.4	U	ug/kg dry	2.4	2/20/12	3/02/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.4	U	ug/kg dry	2.4	2/20/12	3/02/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	4.3	U, CLP13	ug/kg dry	2.4	2/20/12	3/02/12	CLP SOM01.2 P
72-43-5	Methoxychlor	24	U	ug/kg dry	24	2/20/12	3/02/12	CLP SOM01.2 P
8001-35-2	Toxaphene	240	U	ug/kg dry	240	2/20/12	3/02/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: BC02SB

Lab ID: C121007-02

MD No:

Station ID: BC02

Matrix: Subsurface Soil

D No: 6N53 DATAC

Date Collected: 2/15/12 13:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	16		%		2/20/12	3/02/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	38	U	ug/kg dry	38	2/20/12	3/02/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	38	U	ug/kg dry	38	2/20/12	3/02/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	38	U	ug/kg dry	38	2/20/12	3/02/12	CLP SOM01.2 P
309-00-2	Aldrin	19	U	ug/kg dry	19	2/20/12	3/02/12	CLP SOM01.2 P
319-84-6	alpha-BHC	19	U	ug/kg dry	19	2/20/12	3/02/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	19	U	ug/kg dry	19	2/20/12	3/02/12	CLP SOM01.2 P
319-85-7	beta-BHC	19	U	ug/kg dry	19	2/20/12	3/02/12	CLP SOM01.2 P
319-86-8	delta-BHC	19	U	ug/kg dry	19	2/20/12	3/02/12	CLP SOM01.2 P
60-57-1	Dieldrin	38	U	ug/kg dry	38	2/20/12	3/02/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	19	U	ug/kg dry	19	2/20/12	3/02/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	38	U	ug/kg dry	38	2/20/12	3/02/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	38	U	ug/kg dry	38	2/20/12	3/02/12	CLP SOM01.2 P
72-20-8	Endrin	38	U	ug/kg dry	38	2/20/12	3/02/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	38	U	ug/kg dry	38	2/20/12	3/02/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	38	U	ug/kg dry	38	2/20/12	3/02/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	19	U	ug/kg dry	19	2/20/12	3/02/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	19	U	ug/kg dry	19	2/20/12	3/02/12	CLP SOM01.2 P
76-44-8	Heptachlor	19	U	ug/kg dry	19	2/20/12	3/02/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	19	U	ug/kg dry	19	2/20/12	3/02/12	CLP SOM01.2 P
72-43-5	Methoxychlor	190	U	ug/kg dry	190	2/20/12	3/02/12	CLP SOM01.2 P
8001-35-2	Toxaphene	1900	U	ug/kg dry	1900	2/20/12	3/02/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: BC02SF **Lab ID: C121007-03** **MD No:**
Station ID: BC02 **Matrix: Surface Soil** **D No: 6N54 DATAC**

Date Collected: 2/15/12 13:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	17		%		2/20/12	3/02/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	21	N, CLP12	ug/kg dry	3.8	2/20/12	3/02/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	76	N, CLP12	ug/kg dry	38	2/20/12	3/02/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	50		ug/kg dry	3.8	2/20/12	3/02/12	CLP SOM01.2 P
309-00-2	Aldrin	0.65	NJ, CLP01, CLP12	ug/kg dry	2.0	2/20/12	3/02/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.0	U	ug/kg dry	2.0	2/20/12	3/02/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	2.0	U	ug/kg dry	2.0	2/20/12	3/02/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.0	U	ug/kg dry	2.0	2/20/12	3/02/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.0	U	ug/kg dry	2.0	2/20/12	3/02/12	CLP SOM01.2 P
60-57-1	Dieldrin	3.8	U	ug/kg dry	3.8	2/20/12	3/02/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.0	U	ug/kg dry	2.0	2/20/12	3/02/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	3.8	U	ug/kg dry	3.8	2/20/12	3/02/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	3.8	U	ug/kg dry	3.8	2/20/12	3/02/12	CLP SOM01.2 P
72-20-8	Endrin	3.8	U	ug/kg dry	3.8	2/20/12	3/02/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	3.8	U	ug/kg dry	3.8	2/20/12	3/02/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	3.8	U	ug/kg dry	3.8	2/20/12	3/02/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.0	U	ug/kg dry	2.0	2/20/12	3/02/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	2.0	U	ug/kg dry	2.0	2/20/12	3/02/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.0	U	ug/kg dry	2.0	2/20/12	3/02/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	4.2	U, CLP13	ug/kg dry	2.0	2/20/12	3/02/12	CLP SOM01.2 P
72-43-5	Methoxychlor	20	U	ug/kg dry	20	2/20/12	3/02/12	CLP SOM01.2 P
8001-35-2	Toxaphene	200	U	ug/kg dry	200	2/20/12	3/02/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: BC03SF

Station ID: BC03

Lab ID: C121007-04

Matrix: Surface Soil

MD No:

D No: 6N55 DATAC

Date Collected: 2/15/12 14:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	7.7		%		2/20/12	3/02/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	32	NJ, CLP01, CLP12	ug/kg dry	35	2/20/12	3/02/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	190	D-1	ug/kg dry	35	2/20/12	3/02/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	250		ug/kg dry	35	2/20/12	3/02/12	CLP SOM01.2 P
309-00-2	Aldrin	18	U	ug/kg dry	18	2/20/12	3/02/12	CLP SOM01.2 P
319-84-6	alpha-BHC	18	U	ug/kg dry	18	2/20/12	3/02/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	18	U	ug/kg dry	18	2/20/12	3/02/12	CLP SOM01.2 P
319-85-7	beta-BHC	18	U	ug/kg dry	18	2/20/12	3/02/12	CLP SOM01.2 P
319-86-8	delta-BHC	18	U	ug/kg dry	18	2/20/12	3/02/12	CLP SOM01.2 P
60-57-1	Dieldrin	23	NJ, CLP01, CLP12	ug/kg dry	35	2/20/12	3/02/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	18	U	ug/kg dry	18	2/20/12	3/02/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	35	U	ug/kg dry	35	2/20/12	3/02/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	35	U	ug/kg dry	35	2/20/12	3/02/12	CLP SOM01.2 P
72-20-8	Endrin	35	U	ug/kg dry	35	2/20/12	3/02/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	35	U	ug/kg dry	35	2/20/12	3/02/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	35	U	ug/kg dry	35	2/20/12	3/02/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	18	U	ug/kg dry	18	2/20/12	3/02/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	18	U	ug/kg dry	18	2/20/12	3/02/12	CLP SOM01.2 P
76-44-8	Heptachlor	18	U	ug/kg dry	18	2/20/12	3/02/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	18	U	ug/kg dry	18	2/20/12	3/02/12	CLP SOM01.2 P
72-43-5	Methoxychlor	180	U	ug/kg dry	180	2/20/12	3/02/12	CLP SOM01.2 P
8001-35-2	Toxaphene	1800	U	ug/kg dry	1800	2/20/12	3/02/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: BC04SF

Lab ID: C121007-05

MD No:

Station ID: BC04

Matrix: Surface Soil

D No: 6N56 DATAC

Date Collected: 2/15/12 14:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	6.5		%		2/20/12	3/02/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	3.5	U	ug/kg dry	3.5	2/20/12	3/02/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	3.5	U	ug/kg dry	3.5	2/20/12	3/02/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	3.5	U	ug/kg dry	3.5	2/20/12	3/02/12	CLP SOM01.2 P
309-00-2	Aldrin	0.38	NJ, CLP01, CLP12	ug/kg dry	1.8	2/20/12	3/02/12	CLP SOM01.2 P
319-84-6	alpha-BHC	1.8	U	ug/kg dry	1.8	2/20/12	3/02/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	1.8	U	ug/kg dry	1.8	2/20/12	3/02/12	CLP SOM01.2 P
319-85-7	beta-BHC	1.8	U	ug/kg dry	1.8	2/20/12	3/02/12	CLP SOM01.2 P
319-86-8	delta-BHC	1.8	U	ug/kg dry	1.8	2/20/12	3/02/12	CLP SOM01.2 P
60-57-1	Dieldrin	3.5	U	ug/kg dry	3.5	2/20/12	3/02/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	1.8	U	ug/kg dry	1.8	2/20/12	3/02/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	3.5	U	ug/kg dry	3.5	2/20/12	3/02/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	3.5	U	ug/kg dry	3.5	2/20/12	3/02/12	CLP SOM01.2 P
72-20-8	Endrin	3.5	U	ug/kg dry	3.5	2/20/12	3/02/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	3.5	U	ug/kg dry	3.5	2/20/12	3/02/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	3.5	U	ug/kg dry	3.5	2/20/12	3/02/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	1.8	U	ug/kg dry	1.8	2/20/12	3/02/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	1.8	U	ug/kg dry	1.8	2/20/12	3/02/12	CLP SOM01.2 P
76-44-8	Heptachlor	1.8	U	ug/kg dry	1.8	2/20/12	3/02/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	1.8	U	ug/kg dry	1.8	2/20/12	3/02/12	CLP SOM01.2 P
72-43-5	Methoxychlor	18	U	ug/kg dry	18	2/20/12	3/02/12	CLP SOM01.2 P
8001-35-2	Toxaphene	180	U	ug/kg dry	180	2/20/12	3/02/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: DH1385SF

Lab ID: C121007-06

MD No:

Station ID: DH1385

Matrix: Surface Soil

D No: 6N11 DATAC

Date Collected: 2/14/12 10:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	22		%		2/18/12	2/27/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.1	U	ug/kg dry	4.1	2/18/12	2/27/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	4.1	U	ug/kg dry	4.1	2/18/12	2/27/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	11	N, CLP12	ug/kg dry	4.1	2/18/12	2/27/12	CLP SOM01.2 P
309-00-2	Aldrin	2.1	U	ug/kg dry	2.1	2/18/12	2/27/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.1	U	ug/kg dry	2.1	2/18/12	2/27/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	2.1	U	ug/kg dry	2.1	2/18/12	2/27/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.1	U	ug/kg dry	2.1	2/18/12	2/27/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.1	U	ug/kg dry	2.1	2/18/12	2/27/12	CLP SOM01.2 P
60-57-1	Dieldrin	4.1	U	ug/kg dry	4.1	2/18/12	2/27/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.1	U	ug/kg dry	2.1	2/18/12	2/27/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.1	U	ug/kg dry	4.1	2/18/12	2/27/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.1	U	ug/kg dry	4.1	2/18/12	2/27/12	CLP SOM01.2 P
72-20-8	Endrin	4.1	U	ug/kg dry	4.1	2/18/12	2/27/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.1	U	ug/kg dry	4.1	2/18/12	2/27/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.1	U	ug/kg dry	4.1	2/18/12	2/27/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.1	U	ug/kg dry	2.1	2/18/12	2/27/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	2.1	U	ug/kg dry	2.1	2/18/12	2/27/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.1	U	ug/kg dry	2.1	2/18/12	2/27/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	2.1	U	ug/kg dry	2.1	2/18/12	2/27/12	CLP SOM01.2 P
72-43-5	Methoxychlor	21	U	ug/kg dry	21	2/18/12	2/27/12	CLP SOM01.2 P
8001-35-2	Toxaphene	210	U	ug/kg dry	210	2/18/12	2/27/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: DH1389SF **Lab ID: C121007-07** **MD No:**
Station ID: DH1389 **Matrix: Surface Soil** **D No: 6N12 DATAC**

Date Collected: 2/14/12 10:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	24		%		2/18/12	2/27/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.3	U	ug/kg dry	4.3	2/18/12	2/27/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	13		ug/kg dry	4.3	2/18/12	2/27/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	22	N, CLP12	ug/kg dry	4.3	2/18/12	2/27/12	CLP SOM01.2 P
309-00-2	Aldrin	2.2	U	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.2	U	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	2.2	U	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.2	U	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.2	U	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
60-57-1	Dieldrin	4.3	U	ug/kg dry	4.3	2/18/12	2/27/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.2	U	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.3	U	ug/kg dry	4.3	2/18/12	2/27/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.3	U	ug/kg dry	4.3	2/18/12	2/27/12	CLP SOM01.2 P
72-20-8	Endrin	4.3	U	ug/kg dry	4.3	2/18/12	2/27/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.3	U	ug/kg dry	4.3	2/18/12	2/27/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.3	U	ug/kg dry	4.3	2/18/12	2/27/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.2	U	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	2.2	U	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.2	U	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	1.4	J, CLP01	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
72-43-5	Methoxychlor	22	U	ug/kg dry	22	2/18/12	2/27/12	CLP SOM01.2 P
8001-35-2	Toxaphene	220	U	ug/kg dry	220	2/18/12	2/27/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SF1338SF **Lab ID: C121007-08** **MD No:**

Station ID: SF1338 **Matrix: Surface Soil** **D No: 6N59 DATAC**

Date Collected: 2/14/12 11:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	26		%		2/20/12	3/02/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.4	U	ug/kg dry	4.4	2/20/12	3/02/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	7.2		ug/kg dry	4.4	2/20/12	3/02/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	15		ug/kg dry	4.4	2/20/12	3/02/12	CLP SOM01.2 P
309-00-2	Aldrin	2.3	U	ug/kg dry	2.3	2/20/12	3/02/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.3	U	ug/kg dry	2.3	2/20/12	3/02/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	4.6	U, CLP13	ug/kg dry	2.3	2/20/12	3/02/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.3	U	ug/kg dry	2.3	2/20/12	3/02/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.3	U	ug/kg dry	2.3	2/20/12	3/02/12	CLP SOM01.2 P
60-57-1	Dieldrin	9.9		ug/kg dry	4.4	2/20/12	3/02/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.3	U	ug/kg dry	2.3	2/20/12	3/02/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.4	U	ug/kg dry	4.4	2/20/12	3/02/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.4	U	ug/kg dry	4.4	2/20/12	3/02/12	CLP SOM01.2 P
72-20-8	Endrin	3.6	NJ, CLP01, CLP12	ug/kg dry	4.4	2/20/12	3/02/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.4	U	ug/kg dry	4.4	2/20/12	3/02/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.4	U	ug/kg dry	4.4	2/20/12	3/02/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.3	U	ug/kg dry	2.3	2/20/12	3/02/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	4.3		ug/kg dry	2.3	2/20/12	3/02/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.3	U	ug/kg dry	2.3	2/20/12	3/02/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	2.3	U	ug/kg dry	2.3	2/20/12	3/02/12	CLP SOM01.2 P
72-43-5	Methoxychlor	23	U	ug/kg dry	23	2/20/12	3/02/12	CLP SOM01.2 P
8001-35-2	Toxaphene	230	U	ug/kg dry	230	2/20/12	3/02/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SF1340SF **Lab ID: C121007-09** **MD No:**

Station ID: SF1340 **Matrix: Surface Soil** **D No: 6N13 DATAC**

Date Collected: 2/14/12 9:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	20		%		2/18/12	2/27/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	7.3	N, CLP12	ug/kg dry	4.0	2/18/12	2/27/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	6.1		ug/kg dry	4.0	2/18/12	2/27/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	4.3	U, CLP13	ug/kg dry	4.0	2/18/12	2/27/12	CLP SOM01.2 P
309-00-2	Aldrin	0.25	J, CLP01	ug/kg dry	2.1	2/18/12	2/27/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.1	U	ug/kg dry	2.1	2/18/12	2/27/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	4.7	U, CLP13	ug/kg dry	2.1	2/18/12	2/27/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.1	U	ug/kg dry	2.1	2/18/12	2/27/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.1	U	ug/kg dry	2.1	2/18/12	2/27/12	CLP SOM01.2 P
60-57-1	Dieldrin	2.1	NJ, CLP01, CLP12	ug/kg dry	4.0	2/18/12	2/27/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.1	U	ug/kg dry	2.1	2/18/12	2/27/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.0	U	ug/kg dry	4.0	2/18/12	2/27/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.0	U	ug/kg dry	4.0	2/18/12	2/27/12	CLP SOM01.2 P
72-20-8	Endrin	4.0	U	ug/kg dry	4.0	2/18/12	2/27/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.0	U	ug/kg dry	4.0	2/18/12	2/27/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.0	U	ug/kg dry	4.0	2/18/12	2/27/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.1	U	ug/kg dry	2.1	2/18/12	2/27/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	3.3		ug/kg dry	2.1	2/18/12	2/27/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.1	U	ug/kg dry	2.1	2/18/12	2/27/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	2.1	U	ug/kg dry	2.1	2/18/12	2/27/12	CLP SOM01.2 P
72-43-5	Methoxychlor	21	U	ug/kg dry	21	2/18/12	2/27/12	CLP SOM01.2 P
8001-35-2	Toxaphene	210	U	ug/kg dry	210	2/18/12	2/27/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: SF1340SFD

Lab ID: C121007-10

MD No:

Station ID: SF1340

Matrix: Surface Soil

D No: 6N58 DATAC

Date Collected: 2/14/12 10:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	26		%		2/20/12	3/02/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.3	U	ug/kg dry	4.3	2/20/12	3/02/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	8.0		ug/kg dry	4.3	2/20/12	3/02/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	10		ug/kg dry	4.3	2/20/12	3/02/12	CLP SOM01.2 P
309-00-2	Aldrin	2.2	U	ug/kg dry	2.2	2/20/12	3/02/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.2	U	ug/kg dry	2.2	2/20/12	3/02/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	3.0	U, CLP13	ug/kg dry	2.2	2/20/12	3/02/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.2	U	ug/kg dry	2.2	2/20/12	3/02/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.2	U	ug/kg dry	2.2	2/20/12	3/02/12	CLP SOM01.2 P
60-57-1	Dieldrin	9.8		ug/kg dry	4.3	2/20/12	3/02/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.2	U	ug/kg dry	2.2	2/20/12	3/02/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.3	U	ug/kg dry	4.3	2/20/12	3/02/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.3	U	ug/kg dry	4.3	2/20/12	3/02/12	CLP SOM01.2 P
72-20-8	Endrin	4.3	U	ug/kg dry	4.3	2/20/12	3/02/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	1.6	J, CLP01	ug/kg dry	4.3	2/20/12	3/02/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.3	U	ug/kg dry	4.3	2/20/12	3/02/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.2	U	ug/kg dry	2.2	2/20/12	3/02/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	3.1		ug/kg dry	2.2	2/20/12	3/02/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.2	U	ug/kg dry	2.2	2/20/12	3/02/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	2.2	U	ug/kg dry	2.2	2/20/12	3/02/12	CLP SOM01.2 P
72-43-5	Methoxychlor	22	U	ug/kg dry	22	2/20/12	3/02/12	CLP SOM01.2 P
8001-35-2	Toxaphene	220	U	ug/kg dry	220	2/20/12	3/02/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1700SF **Lab ID: C121007-11** **MD No:**

Station ID: SL1700 **Matrix: Surface Soil** **D No: 6N14 DATAC**

Date Collected: 2/15/12 10:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	22		%		2/18/12	2/27/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.2	U	ug/kg dry	4.2	2/18/12	2/27/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	3.6	J, CLP01	ug/kg dry	4.2	2/18/12	2/27/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	5.9		ug/kg dry	4.2	2/18/12	2/27/12	CLP SOM01.2 P
309-00-2	Aldrin	2.1	U	ug/kg dry	2.1	2/18/12	2/27/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.1	U	ug/kg dry	2.1	2/18/12	2/27/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	2.1	U	ug/kg dry	2.1	2/18/12	2/27/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.1	U	ug/kg dry	2.1	2/18/12	2/27/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.1	U	ug/kg dry	2.1	2/18/12	2/27/12	CLP SOM01.2 P
60-57-1	Dieldrin	4.2	U	ug/kg dry	4.2	2/18/12	2/27/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.1	U	ug/kg dry	2.1	2/18/12	2/27/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.2	U	ug/kg dry	4.2	2/18/12	2/27/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.2	U	ug/kg dry	4.2	2/18/12	2/27/12	CLP SOM01.2 P
72-20-8	Endrin	4.2	U	ug/kg dry	4.2	2/18/12	2/27/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.2	U	ug/kg dry	4.2	2/18/12	2/27/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.2	U	ug/kg dry	4.2	2/18/12	2/27/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.1	U	ug/kg dry	2.1	2/18/12	2/27/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	2.1	U	ug/kg dry	2.1	2/18/12	2/27/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.1	U	ug/kg dry	2.1	2/18/12	2/27/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	2.1	U	ug/kg dry	2.1	2/18/12	2/27/12	CLP SOM01.2 P
72-43-5	Methoxychlor	21	U	ug/kg dry	21	2/18/12	2/27/12	CLP SOM01.2 P
8001-35-2	Toxaphene	210	U	ug/kg dry	210	2/18/12	2/27/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1701SF **Lab ID: C121007-12** **MD No:**
Station ID: SL1701 **Matrix: Surface Soil** **D No: 6N15 DATAC**

Date Collected: 2/15/12 8:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	23		%		2/18/12	2/27/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.5	U, CLP13	ug/kg dry	4.2	2/18/12	2/27/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	17	N, CLP12	ug/kg dry	4.2	2/18/12	2/27/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	32		ug/kg dry	4.2	2/18/12	2/27/12	CLP SOM01.2 P
309-00-2	Aldrin	0.36	NJ, CLP01, CLP12	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.2	U	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	1.1	J, CLP01	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.2	U	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.2	U	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
60-57-1	Dieldrin	4.2	U	ug/kg dry	4.2	2/18/12	2/27/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.2	U	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.2	U	ug/kg dry	4.2	2/18/12	2/27/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.2	U	ug/kg dry	4.2	2/18/12	2/27/12	CLP SOM01.2 P
72-20-8	Endrin	4.2	U	ug/kg dry	4.2	2/18/12	2/27/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.2	U	ug/kg dry	4.2	2/18/12	2/27/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.2	U	ug/kg dry	4.2	2/18/12	2/27/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.2	U	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	0.50	NJ, CLP01, CLP12	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.2	U	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	0.45	NJ, CLP01, CLP12	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
72-43-5	Methoxychlor	22	U	ug/kg dry	22	2/18/12	2/27/12	CLP SOM01.2 P
8001-35-2	Toxaphene	220	U	ug/kg dry	220	2/18/12	2/27/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1701SFS **Lab ID:** C121007-13 **MD No:**
Station ID: SL1701 **Matrix:** Surface Soil **D No:** 6N77 DATAC

Date Collected: 2/15/12 8:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	19		%		2/21/12	2/26/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	3.9	U	ug/kg dry	3.9	2/21/12	2/26/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	4.8		ug/kg dry	3.9	2/21/12	2/26/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	7.0		ug/kg dry	3.9	2/21/12	2/26/12	CLP SOM01.2 P
309-00-2	Aldrin	0.26	J, CLP01	ug/kg dry	2.0	2/21/12	2/26/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.0	U	ug/kg dry	2.0	2/21/12	2/26/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	2.0	U	ug/kg dry	2.0	2/21/12	2/26/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.0	U	ug/kg dry	2.0	2/21/12	2/26/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.0	U	ug/kg dry	2.0	2/21/12	2/26/12	CLP SOM01.2 P
60-57-1	Dieldrin	0.86	J, CLP01	ug/kg dry	3.9	2/21/12	2/26/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.0	U	ug/kg dry	2.0	2/21/12	2/26/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	3.9	U	ug/kg dry	3.9	2/21/12	2/26/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	3.9	U	ug/kg dry	3.9	2/21/12	2/26/12	CLP SOM01.2 P
72-20-8	Endrin	3.9	U	ug/kg dry	3.9	2/21/12	2/26/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	3.9	U	ug/kg dry	3.9	2/21/12	2/26/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	3.9	U	ug/kg dry	3.9	2/21/12	2/26/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.0	U	ug/kg dry	2.0	2/21/12	2/26/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	2.0	U	ug/kg dry	2.0	2/21/12	2/26/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.0	U	ug/kg dry	2.0	2/21/12	2/26/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	2.0	U	ug/kg dry	2.0	2/21/12	2/26/12	CLP SOM01.2 P
72-43-5	Methoxychlor	20	U	ug/kg dry	20	2/21/12	2/26/12	CLP SOM01.2 P
8001-35-2	Toxaphene	200	U	ug/kg dry	200	2/21/12	2/26/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: SL1701SFX

Lab ID: C121007-14

MD No:

Station ID: SL1701X

Matrix: Surface Soil

D No: 6N78 DATAC

Date Collected: 2/15/12 9:18

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	22		%		2/21/12	2/26/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.1	U	ug/kg dry	4.1	2/21/12	2/26/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	1.3	NJ, CLP01, CLP12	ug/kg dry	4.1	2/21/12	2/26/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	2.4	J, CLP01	ug/kg dry	4.1	2/21/12	2/26/12	CLP SOM01.2 P
309-00-2	Aldrin	0.23	NJ, CLP01, CLP12	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
60-57-1	Dieldrin	2.2	NJ, CLP01, CLP12	ug/kg dry	4.1	2/21/12	2/26/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.1	U	ug/kg dry	4.1	2/21/12	2/26/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.1	U	ug/kg dry	4.1	2/21/12	2/26/12	CLP SOM01.2 P
72-20-8	Endrin	4.1	U	ug/kg dry	4.1	2/21/12	2/26/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.1	U	ug/kg dry	4.1	2/21/12	2/26/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.1	U	ug/kg dry	4.1	2/21/12	2/26/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	0.48	NJ, CLP01, CLP12	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
72-43-5	Methoxychlor	21	U	ug/kg dry	21	2/21/12	2/26/12	CLP SOM01.2 P
8001-35-2	Toxaphene	210	U	ug/kg dry	210	2/21/12	2/26/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: SL1702SF

Lab ID: C121007-15

MD No:

Station ID: SL1702

Matrix: Surface Soil

D No: 6N16 DATAC

Date Collected: 2/15/12 10:33

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	26		%		2/18/12	2/27/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.2	U	ug/kg dry	4.2	2/18/12	2/27/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	7.9	U, CLP13	ug/kg dry	4.2	2/18/12	2/27/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	12		ug/kg dry	4.2	2/18/12	2/27/12	CLP SOM01.2 P
309-00-2	Aldrin	2.2	U	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.2	U	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	2.2	U	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.2	U	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.2	U	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
60-57-1	Dieldrin	4.2	U	ug/kg dry	4.2	2/18/12	2/27/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.2	U	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.2	U	ug/kg dry	4.2	2/18/12	2/27/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.2	U	ug/kg dry	4.2	2/18/12	2/27/12	CLP SOM01.2 P
72-20-8	Endrin	4.2	U	ug/kg dry	4.2	2/18/12	2/27/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.2	U	ug/kg dry	4.2	2/18/12	2/27/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.2	U	ug/kg dry	4.2	2/18/12	2/27/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.2	U	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	2.2	U	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.2	U	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	2.2	U	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
72-43-5	Methoxychlor	22	U	ug/kg dry	22	2/18/12	2/27/12	CLP SOM01.2 P
8001-35-2	Toxaphene	220	U	ug/kg dry	220	2/18/12	2/27/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: SL1703SF
Station ID: SL1703

Lab ID: C121007-16
Matrix: Surface Soil

MD No:
D No: 6N17 DATAC

Date Collected: 2/15/12 9:38

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	24		%		2/18/12	2/27/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	0.81	NJ, CLP01, CLP12	ug/kg dry	4.3	2/18/12	2/27/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	6.2		ug/kg dry	4.3	2/18/12	2/27/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	11		ug/kg dry	4.3	2/18/12	2/27/12	CLP SOM01.2 P
309-00-2	Aldrin	2.2	U	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.2	U	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	2.2	U	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.2	U	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.2	U	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
60-57-1	Dieldrin	0.63	NJ, CLP01, CLP12	ug/kg dry	4.3	2/18/12	2/27/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.2	U	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.3	U	ug/kg dry	4.3	2/18/12	2/27/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.3	U	ug/kg dry	4.3	2/18/12	2/27/12	CLP SOM01.2 P
72-20-8	Endrin	4.3	U	ug/kg dry	4.3	2/18/12	2/27/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.3	U	ug/kg dry	4.3	2/18/12	2/27/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.3	U	ug/kg dry	4.3	2/18/12	2/27/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.2	U	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	1.1	NJ, CLP01, CLP12	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
76-44-8	Heptachlor	0.33	NJ, CLP01, CLP12	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	0.65	NJ, CLP01, CLP12	ug/kg dry	2.2	2/18/12	2/27/12	CLP SOM01.2 P
72-43-5	Methoxychlor	22	U	ug/kg dry	22	2/18/12	2/27/12	CLP SOM01.2 P
8001-35-2	Toxaphene	220	U	ug/kg dry	220	2/18/12	2/27/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: SL1708SF

Lab ID: C121007-17

MD No:

Station ID: SL1708

Matrix: Surface Soil

D No: 6N18 DATAC

Date Collected: 2/15/12 10:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	24		%		2/18/12	2/28/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	5.7		ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	11		ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
309-00-2	Aldrin	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
60-57-1	Dieldrin	2.5	NJ, CLP12, CLP01	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
72-20-8	Endrin	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	0.76	NJ, CLP01, CLP12	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	1.1	J, CLP01	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
72-43-5	Methoxychlor	22	U	ug/kg dry	22	2/18/12	2/28/12	CLP SOM01.2 P
8001-35-2	Toxaphene	220	U	ug/kg dry	220	2/18/12	2/28/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1710SF **Lab ID: C121007-18** **MD No:**

Station ID: SL1710 **Matrix: Surface Soil** **D No: 6N72 DATAC**

Date Collected: 2/15/12 12:17

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	22		%		2/20/12	3/02/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.1	U	ug/kg dry	4.1	2/20/12	3/02/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	31		ug/kg dry	4.1	2/20/12	3/02/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	67		ug/kg dry	4.1	2/20/12	3/02/12	CLP SOM01.2 P
309-00-2	Aldrin	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	4.6	U, CLP13	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
60-57-1	Dieldrin	7.2		ug/kg dry	4.1	2/20/12	3/02/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.1	U	ug/kg dry	4.1	2/20/12	3/02/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.1	U	ug/kg dry	4.1	2/20/12	3/02/12	CLP SOM01.2 P
72-20-8	Endrin	5.7		ug/kg dry	4.1	2/20/12	3/02/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	1.4	NJ, CLP01, CLP12	ug/kg dry	4.1	2/20/12	3/02/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.1	U	ug/kg dry	4.1	2/20/12	3/02/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	6.5	N, CLP12	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
72-43-5	Methoxychlor	21	U	ug/kg dry	21	2/20/12	3/02/12	CLP SOM01.2 P
8001-35-2	Toxaphene	210	U	ug/kg dry	210	2/20/12	3/02/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1712SF **Lab ID:** C121007-19 **MD No:**
Station ID: SL1712 **Matrix:** Surface Soil **D No:** 6N73 DATAC

Date Collected: 2/15/12 12:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	22		%		2/21/12	2/26/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.2	U	ug/kg dry	4.2	2/21/12	2/26/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	5.0		ug/kg dry	4.2	2/21/12	2/26/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	9.2		ug/kg dry	4.2	2/21/12	2/26/12	CLP SOM01.2 P
309-00-2	Aldrin	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
60-57-1	Dieldrin	0.90	J, CLP01	ug/kg dry	4.2	2/21/12	2/26/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.2	U	ug/kg dry	4.2	2/21/12	2/26/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.2	U	ug/kg dry	4.2	2/21/12	2/26/12	CLP SOM01.2 P
72-20-8	Endrin	4.2	U	ug/kg dry	4.2	2/21/12	2/26/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.2	U	ug/kg dry	4.2	2/21/12	2/26/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.2	U	ug/kg dry	4.2	2/21/12	2/26/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
72-43-5	Methoxychlor	21	U	ug/kg dry	21	2/21/12	2/26/12	CLP SOM01.2 P
8001-35-2	Toxaphene	210	U	ug/kg dry	210	2/21/12	2/26/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: SL1714SF
Station ID: SL1714

Lab ID: C121007-20
Matrix: Surface Soil

MD No:
D No: 6N19 DATAC

Date Collected: 2/15/12 13:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	24		%		2/18/12	2/28/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	6.4		ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	13		ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
309-00-2	Aldrin	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	13	U, CLP13	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
60-57-1	Dieldrin	13		ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
72-20-8	Endrin	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	9.3		ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	1.4	NJ, CLP01, CLP12	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
72-43-5	Methoxychlor	22	U	ug/kg dry	22	2/18/12	2/28/12	CLP SOM01.2 P
8001-35-2	Toxaphene	220	U	ug/kg dry	220	2/18/12	2/28/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: SL1716SF

Lab ID: C121007-21

MD No:

Station ID: SL1716

Matrix: Surface Soil

D No: 6N20 DATAC

Date Collected: 2/15/12 13:17

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	23		%		2/18/12	2/28/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.0	U	ug/kg dry	4.0	2/18/12	2/28/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	7.4		ug/kg dry	4.0	2/18/12	2/28/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	11	N, CLP12	ug/kg dry	4.0	2/18/12	2/28/12	CLP SOM01.2 P
309-00-2	Aldrin	2.1	U	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.1	U	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	85	N, CLP12	ug/kg dry	21	2/18/12	2/28/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.1	U	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.1	U	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
60-57-1	Dieldrin	20	N, CLP12	ug/kg dry	4.0	2/18/12	2/28/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.1	U	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.0	U	ug/kg dry	4.0	2/18/12	2/28/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.0	U	ug/kg dry	4.0	2/18/12	2/28/12	CLP SOM01.2 P
72-20-8	Endrin	2.5	NJ, CLP01, CLP12	ug/kg dry	4.0	2/18/12	2/28/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.0	U	ug/kg dry	4.0	2/18/12	2/28/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.0	U	ug/kg dry	4.0	2/18/12	2/28/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.1	U	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	69		ug/kg dry	21	2/18/12	2/28/12	CLP SOM01.2 P
76-44-8	Heptachlor	0.87	J, CLP01	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	7.9	N, CLP12	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
72-43-5	Methoxychlor	21	U	ug/kg dry	21	2/18/12	2/28/12	CLP SOM01.2 P
8001-35-2	Toxaphene	210	U	ug/kg dry	210	2/18/12	2/28/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1718SF **Lab ID: C121007-22** **MD No:**
Station ID: SL1718 **Matrix: Surface Soil** **D No: 6N50 DATAC**

Date Collected: 2/15/12 13:33

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	22		%		2/20/12	3/02/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	42	U	ug/kg dry	42	2/20/12	3/02/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	42	U	ug/kg dry	42	2/20/12	3/02/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	42	U	ug/kg dry	42	2/20/12	3/02/12	CLP SOM01.2 P
309-00-2	Aldrin	22	U	ug/kg dry	22	2/20/12	3/02/12	CLP SOM01.2 P
319-84-6	alpha-BHC	22	U	ug/kg dry	22	2/20/12	3/02/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	22	U	ug/kg dry	22	2/20/12	3/02/12	CLP SOM01.2 P
319-85-7	beta-BHC	22	U	ug/kg dry	22	2/20/12	3/02/12	CLP SOM01.2 P
319-86-8	delta-BHC	22	U	ug/kg dry	22	2/20/12	3/02/12	CLP SOM01.2 P
60-57-1	Dieldrin	42	U	ug/kg dry	42	2/20/12	3/02/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	22	U	ug/kg dry	22	2/20/12	3/02/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	42	U	ug/kg dry	42	2/20/12	3/02/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	42	U	ug/kg dry	42	2/20/12	3/02/12	CLP SOM01.2 P
72-20-8	Endrin	42	U	ug/kg dry	42	2/20/12	3/02/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	42	U	ug/kg dry	42	2/20/12	3/02/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	42	U	ug/kg dry	42	2/20/12	3/02/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	22	U	ug/kg dry	22	2/20/12	3/02/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	22	U	ug/kg dry	22	2/20/12	3/02/12	CLP SOM01.2 P
76-44-8	Heptachlor	22	U	ug/kg dry	22	2/20/12	3/02/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	22	U	ug/kg dry	22	2/20/12	3/02/12	CLP SOM01.2 P
72-43-5	Methoxychlor	220	U	ug/kg dry	220	2/20/12	3/02/12	CLP SOM01.2 P
8001-35-2	Toxaphene	2200	U	ug/kg dry	2200	2/20/12	3/02/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1720SF **Lab ID: C121007-23** **MD No:**
Station ID: SL1720 **Matrix: Surface Soil** **D No: 6N74 DATAC**

Date Collected: 2/15/12 13:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	21		%		2/21/12	2/26/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.0	U	ug/kg dry	4.0	2/21/12	2/26/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	49	N, CLP12	ug/kg dry	4.0	2/21/12	2/26/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	37		ug/kg dry	4.0	2/21/12	2/26/12	CLP SOM01.2 P
309-00-2	Aldrin	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
60-57-1	Dieldrin	4.0	U	ug/kg dry	4.0	2/21/12	2/26/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.0	U	ug/kg dry	4.0	2/21/12	2/26/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.0	U	ug/kg dry	4.0	2/21/12	2/26/12	CLP SOM01.2 P
72-20-8	Endrin	4.0	U	ug/kg dry	4.0	2/21/12	2/26/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.0	U	ug/kg dry	4.0	2/21/12	2/26/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.0	U	ug/kg dry	4.0	2/21/12	2/26/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	1.4	J, CLP01	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	0.56	J, CLP01	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
72-43-5	Methoxychlor	21	U	ug/kg dry	21	2/21/12	2/26/12	CLP SOM01.2 P
8001-35-2	Toxaphene	210	U	ug/kg dry	210	2/21/12	2/26/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1722SF **Lab ID: C121007-24** **MD No:**
Station ID: SL1722 **Matrix: Surface Soil** **D No: 6N21 DATAC**

Date Collected: 2/15/12 10:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	23		%		2/18/12	2/28/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	1.4	J, CLP01	ug/kg dry	4.1	2/18/12	2/28/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	8.9		ug/kg dry	4.1	2/18/12	2/28/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	16		ug/kg dry	4.1	2/18/12	2/28/12	CLP SOM01.2 P
309-00-2	Aldrin	0.65	J, CLP01	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.1	U	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	5.0	U, CLP13	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.1	U	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.1	U	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
60-57-1	Dieldrin	13		ug/kg dry	4.1	2/18/12	2/28/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.1	U	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.1	U	ug/kg dry	4.1	2/18/12	2/28/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.1	U	ug/kg dry	4.1	2/18/12	2/28/12	CLP SOM01.2 P
72-20-8	Endrin	4.1	U	ug/kg dry	4.1	2/18/12	2/28/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.1	U	ug/kg dry	4.1	2/18/12	2/28/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.1	U	ug/kg dry	4.1	2/18/12	2/28/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.1	U	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	5.1		ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
76-44-8	Heptachlor	0.36	J, CLP01	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	0.64	NJ, CLP01, CLP12	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
72-43-5	Methoxychlor	21	U	ug/kg dry	21	2/18/12	2/28/12	CLP SOM01.2 P
8001-35-2	Toxaphene	210	U	ug/kg dry	210	2/18/12	2/28/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: SL1724SF
Station ID: SL1724

Lab ID: C121007-25
Matrix: Surface Soil

MD No:
D No: 6N22 DATAC

Date Collected: 2/15/12 9:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	23		%		2/18/12	2/28/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.1	U	ug/kg dry	4.1	2/18/12	2/28/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	15		ug/kg dry	4.1	2/18/12	2/28/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	21		ug/kg dry	4.1	2/18/12	2/28/12	CLP SOM01.2 P
309-00-2	Aldrin	2.1	U	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.1	U	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	2.1	U	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.1	U	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.1	U	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
60-57-1	Dieldrin	1.4	J, CLP01	ug/kg dry	4.1	2/18/12	2/28/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.1	U	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.1	U	ug/kg dry	4.1	2/18/12	2/28/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.1	U	ug/kg dry	4.1	2/18/12	2/28/12	CLP SOM01.2 P
72-20-8	Endrin	4.1	U	ug/kg dry	4.1	2/18/12	2/28/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.1	U	ug/kg dry	4.1	2/18/12	2/28/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.1	U	ug/kg dry	4.1	2/18/12	2/28/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.1	U	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	1.4	NJ, CLP01, CLP12	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.1	U	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	0.95	NJ, CLP01, CLP12	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
72-43-5	Methoxychlor	21	U	ug/kg dry	21	2/18/12	2/28/12	CLP SOM01.2 P
8001-35-2	Toxaphene	210	U	ug/kg dry	210	2/18/12	2/28/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: SL1726SF

Lab ID: C121007-26

MD No:

Station ID: SL1726

Matrix: Surface Soil

D No: 6N23 DATAC

Date Collected: 2/15/12 9:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	23		%		2/18/12	2/28/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	5.3	U, CLP13	ug/kg dry	4.0	2/18/12	2/28/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	11		ug/kg dry	4.0	2/18/12	2/28/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	14		ug/kg dry	4.0	2/18/12	2/28/12	CLP SOM01.2 P
309-00-2	Aldrin	2.1	U	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.1	U	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	1.9	NJ, CLP01, CLP12	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.1	U	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.1	U	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
60-57-1	Dieldrin	4.0	U	ug/kg dry	4.0	2/18/12	2/28/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.1	U	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.0	U	ug/kg dry	4.0	2/18/12	2/28/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.0	U	ug/kg dry	4.0	2/18/12	2/28/12	CLP SOM01.2 P
72-20-8	Endrin	4.0	U	ug/kg dry	4.0	2/18/12	2/28/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.0	U	ug/kg dry	4.0	2/18/12	2/28/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.0		ug/kg dry	4.0	2/18/12	2/28/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.1	U	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	2.5	N, CLP12	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.1	U	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	2.1	U	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
72-43-5	Methoxychlor	21	U	ug/kg dry	21	2/18/12	2/28/12	CLP SOM01.2 P
8001-35-2	Toxaphene	210	U	ug/kg dry	210	2/18/12	2/28/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: SL1726SFS

Lab ID: C121007-27

MD No:

Station ID: SL1726

Matrix: Surface Soil

D No: 6N76 DATAC

Date Collected: 2/15/12 9:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	24		%		2/21/12	2/26/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.1	U	ug/kg dry	4.1	2/21/12	2/26/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	7.5		ug/kg dry	4.1	2/21/12	2/26/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	11		ug/kg dry	4.1	2/21/12	2/26/12	CLP SOM01.2 P
309-00-2	Aldrin	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
60-57-1	Dieldrin	0.54	J, CLP01	ug/kg dry	4.1	2/21/12	2/26/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.1	U	ug/kg dry	4.1	2/21/12	2/26/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.1	U	ug/kg dry	4.1	2/21/12	2/26/12	CLP SOM01.2 P
72-20-8	Endrin	4.1	U	ug/kg dry	4.1	2/21/12	2/26/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.1	U	ug/kg dry	4.1	2/21/12	2/26/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.1	U	ug/kg dry	4.1	2/21/12	2/26/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	0.58	NJ, CLP01, CLP12	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	2.1	U	ug/kg dry	2.1	2/21/12	2/26/12	CLP SOM01.2 P
72-43-5	Methoxychlor	21	U	ug/kg dry	21	2/21/12	2/26/12	CLP SOM01.2 P
8001-35-2	Toxaphene	210	U	ug/kg dry	210	2/21/12	2/26/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: SL1728SF

Station ID: SL1728

Lab ID: C121007-28

Matrix: Surface Soil

MD No:

D No: 6N24 DATAC

Date Collected: 2/15/12 9:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	23		%		2/18/12	2/28/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	5.5		ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	8.9	N, CLP12	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
309-00-2	Aldrin	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	4.2	U, CLP13	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
60-57-1	Dieldrin	1.3	NJ, CLP01, CLP12	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
72-20-8	Endrin	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.1	NJ, CLP01, CLP12	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	4.2		ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
76-44-8	Heptachlor	0.37	NJ, CLP01, CLP12	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	1.4	NJ, CLP01, CLP12	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
72-43-5	Methoxychlor	22	U	ug/kg dry	22	2/18/12	2/28/12	CLP SOM01.2 P
8001-35-2	Toxaphene	220	U	ug/kg dry	220	2/18/12	2/28/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1732SF **Lab ID: C121007-29** **MD No:**

Station ID: SL1732 **Matrix: Surface Soil** **D No: 6N25 DATAC**

Date Collected: 2/14/12 17:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	22		%		2/18/12	2/28/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	4.2	N, CLP12	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	6.0		ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
309-00-2	Aldrin	2.1	U	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.1	U	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	3.9	N, CLP12	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.1	U	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.1	U	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
60-57-1	Dieldrin	0.83	NJ, CLP01, CLP12	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.1	U	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	0.65	J, CLP01	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
72-20-8	Endrin	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.1	U	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	2.5		ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.1	U	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	0.96	J, CLP01	ug/kg dry	2.1	2/18/12	2/28/12	CLP SOM01.2 P
72-43-5	Methoxychlor	21	U	ug/kg dry	21	2/18/12	2/28/12	CLP SOM01.2 P
8001-35-2	Toxaphene	210	U	ug/kg dry	210	2/18/12	2/28/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: SL1734SF

Station ID: SL1734

Lab ID: C121007-30

Matrix: Surface Soil

MD No:

D No: 6N26 DATAC

Date Collected: 2/14/12 16:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	220		%	220	2/18/12	2/28/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	1.6	NJ, CLP01, CLP12	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	6.8		ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
309-00-2	Aldrin	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	1.3	J, CLP01	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
60-57-1	Dieldrin	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
72-20-8	Endrin	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
72-43-5	Methoxychlor	22	U	ug/kg dry	22	2/18/12	2/28/12	CLP SOM01.2 P
8001-35-2	Toxaphene	220	U	ug/kg dry	220	2/18/12	2/28/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1736SF **Lab ID: C121007-31** **MD No:**
Station ID: SL1736 **Matrix: Surface Soil** **D No: 6N27 DATAC**

Date Collected: 2/14/12 16:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	22		%		2/18/12	2/28/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	14		ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	9.2	U, CLP13	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
309-00-2	Aldrin	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	200	N, CLP12	ug/kg dry	22	2/18/12	3/02/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
60-57-1	Dieldrin	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
72-20-8	Endrin	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	120		ug/kg dry	22	2/18/12	3/02/12	CLP SOM01.2 P
76-44-8	Heptachlor	0.51	NJ, CLP01, CLP12	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	15		ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
72-43-5	Methoxychlor	22	U	ug/kg dry	22	2/18/12	2/28/12	CLP SOM01.2 P
8001-35-2	Toxaphene	220	U	ug/kg dry	220	2/18/12	2/28/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: SL1740SF

Station ID: SL1740

Lab ID: C121007-32

Matrix: Surface Soil

MD No:

D No: 6N28 DATAC

Date Collected: 2/14/12 14:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	22		%		2/18/12	2/28/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	5.1		ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	6.8	N, CLP12	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
309-00-2	Aldrin	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	1.7	NJ, CLP01, CLP12	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
60-57-1	Dieldrin	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
72-20-8	Endrin	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.2	U	ug/kg dry	4.2	2/18/12	2/28/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
76-44-8	Heptachlor	0.30	NJ, CLP01, CLP12	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
72-43-5	Methoxychlor	22	U	ug/kg dry	22	2/18/12	2/28/12	CLP SOM01.2 P
8001-35-2	Toxaphene	220	U	ug/kg dry	220	2/18/12	2/28/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1740SFD **Lab ID: C121007-33** **MD No:**
Station ID: SL1740 **Matrix: Surface Soil** **D No: 6N63 DATAC**

Date Collected: 2/14/12 14:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	21		%		2/20/12	3/02/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.0	U	ug/kg dry	4.0	2/20/12	3/02/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	4.0	U	ug/kg dry	4.0	2/20/12	3/02/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	4.7	U, CLP13	ug/kg dry	4.0	2/20/12	3/02/12	CLP SOM01.2 P
309-00-2	Aldrin	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
60-57-1	Dieldrin	4.0	U	ug/kg dry	4.0	2/20/12	3/02/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.0	U	ug/kg dry	4.0	2/20/12	3/02/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.0	U	ug/kg dry	4.0	2/20/12	3/02/12	CLP SOM01.2 P
72-20-8	Endrin	4.0	U	ug/kg dry	4.0	2/20/12	3/02/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.0	U	ug/kg dry	4.0	2/20/12	3/02/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.0	U	ug/kg dry	4.0	2/20/12	3/02/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	0.83	NJ, CLP01, CLP12	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
72-43-5	Methoxychlor	21	U	ug/kg dry	21	2/20/12	3/02/12	CLP SOM01.2 P
8001-35-2	Toxaphene	210	U	ug/kg dry	210	2/20/12	3/02/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1742SF **Lab ID: C121007-34** **MD No:**

Station ID: SL1742 **Matrix: Surface Soil** **D No: 6N29 DATAC**

Date Collected: 2/14/12 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	24		%		2/18/12	2/28/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	61	U, CLP13	ug/kg dry	41	2/18/12	2/28/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	8.2	NJ, CLP01, CLP12	ug/kg dry	41	2/18/12	2/28/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	36	J, CLP01	ug/kg dry	41	2/18/12	2/28/12	CLP SOM01.2 P
309-00-2	Aldrin	21	U	ug/kg dry	21	2/18/12	2/28/12	CLP SOM01.2 P
319-84-6	alpha-BHC	21	U	ug/kg dry	21	2/18/12	2/28/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	160	N, CLP12	ug/kg dry	21	2/18/12	2/28/12	CLP SOM01.2 P
319-85-7	beta-BHC	21	U	ug/kg dry	21	2/18/12	2/28/12	CLP SOM01.2 P
319-86-8	delta-BHC	21	U	ug/kg dry	21	2/18/12	2/28/12	CLP SOM01.2 P
60-57-1	Dieldrin	17	J, CLP01	ug/kg dry	41	2/18/12	2/28/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	21	U	ug/kg dry	21	2/18/12	2/28/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	41	U	ug/kg dry	41	2/18/12	2/28/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	41	U	ug/kg dry	41	2/18/12	2/28/12	CLP SOM01.2 P
72-20-8	Endrin	41	U	ug/kg dry	41	2/18/12	2/28/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	41	U	ug/kg dry	41	2/18/12	2/28/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	41	U	ug/kg dry	41	2/18/12	2/28/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	21	U	ug/kg dry	21	2/18/12	2/28/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	120	N, CLP12	ug/kg dry	21	2/18/12	2/28/12	CLP SOM01.2 P
76-44-8	Heptachlor	3.6	NJ, CLP01, CLP12	ug/kg dry	21	2/18/12	2/28/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	21	U	ug/kg dry	21	2/18/12	2/28/12	CLP SOM01.2 P
72-43-5	Methoxychlor	210	U	ug/kg dry	210	2/18/12	2/28/12	CLP SOM01.2 P
8001-35-2	Toxaphene	2100	U	ug/kg dry	2100	2/18/12	2/28/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1742SFX **Lab ID: C121007-35** **MD No:**
Station ID: SL1742X **Matrix: Surface Soil** **D No: 6N66 DATAC**

Date Collected: 2/14/12 13:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	20		%		2/20/12	3/02/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	40	U	ug/kg dry	40	2/20/12	3/02/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	41	N, CLP12	ug/kg dry	40	2/20/12	3/02/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	51		ug/kg dry	40	2/20/12	3/02/12	CLP SOM01.2 P
309-00-2	Aldrin	20	U	ug/kg dry	20	2/20/12	3/02/12	CLP SOM01.2 P
319-84-6	alpha-BHC	20	U	ug/kg dry	20	2/20/12	3/02/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	330	U, CLP13	ug/kg dry	20	2/20/12	3/02/12	CLP SOM01.2 P
319-85-7	beta-BHC	20	U	ug/kg dry	20	2/20/12	3/02/12	CLP SOM01.2 P
319-86-8	delta-BHC	20	U	ug/kg dry	20	2/20/12	3/02/12	CLP SOM01.2 P
60-57-1	Dieldrin	43		ug/kg dry	40	2/20/12	3/02/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	20	U	ug/kg dry	20	2/20/12	3/02/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	40	U	ug/kg dry	40	2/20/12	3/02/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	40	U	ug/kg dry	40	2/20/12	3/02/12	CLP SOM01.2 P
72-20-8	Endrin	40	U	ug/kg dry	40	2/20/12	3/02/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	40	U	ug/kg dry	40	2/20/12	3/02/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	40	U	ug/kg dry	40	2/20/12	3/02/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	20	U	ug/kg dry	20	2/20/12	3/02/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	350		ug/kg dry	20	2/20/12	3/02/12	CLP SOM01.2 P
76-44-8	Heptachlor	11	J, CLP01	ug/kg dry	20	2/20/12	3/02/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	20	U	ug/kg dry	20	2/20/12	3/02/12	CLP SOM01.2 P
72-43-5	Methoxychlor	200	U	ug/kg dry	200	2/20/12	3/02/12	CLP SOM01.2 P
8001-35-2	Toxaphene	2000	U	ug/kg dry	2000	2/20/12	3/02/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: SL1748SF
Station ID: SL1748

Lab ID: C121007-36
Matrix: Surface Soil

MD No:
D No: 6N30 DATAC

Date Collected: 2/14/12 12:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	19		%		2/20/12	2/28/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	53		ug/kg dry	41	2/20/12	2/28/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	140		ug/kg dry	41	2/20/12	2/28/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	2800		ug/kg dry	410	2/20/12	2/28/12	CLP SOM01.2 P
309-00-2	Aldrin	21	U	ug/kg dry	21	2/20/12	2/28/12	CLP SOM01.2 P
319-84-6	alpha-BHC	21	U	ug/kg dry	21	2/20/12	2/28/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	21	U	ug/kg dry	21	2/20/12	2/28/12	CLP SOM01.2 P
319-85-7	beta-BHC	21	U	ug/kg dry	21	2/20/12	2/28/12	CLP SOM01.2 P
319-86-8	delta-BHC	21	U	ug/kg dry	21	2/20/12	2/28/12	CLP SOM01.2 P
60-57-1	Dieldrin	41	U	ug/kg dry	41	2/20/12	2/28/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	21	U	ug/kg dry	21	2/20/12	2/28/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	41	U	ug/kg dry	41	2/20/12	2/28/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	41	U	ug/kg dry	41	2/20/12	2/28/12	CLP SOM01.2 P
72-20-8	Endrin	41	U	ug/kg dry	41	2/20/12	2/28/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	41	U	ug/kg dry	41	2/20/12	2/28/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	41	U	ug/kg dry	41	2/20/12	2/28/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	21	U	ug/kg dry	21	2/20/12	2/28/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	5.9	J, CLP01	ug/kg dry	21	2/20/12	2/28/12	CLP SOM01.2 P
76-44-8	Heptachlor	21	U	ug/kg dry	21	2/20/12	2/28/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	21	U	ug/kg dry	21	2/20/12	2/28/12	CLP SOM01.2 P
72-43-5	Methoxychlor	210	U	ug/kg dry	210	2/20/12	2/28/12	CLP SOM01.2 P
8001-35-2	Toxaphene	2100	U	ug/kg dry	2100	2/20/12	2/28/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1750SF **Lab ID:** C121007-37 **MD No:**
Station ID: SL1750 **Matrix:** Surface Soil **D No:** 6N61 DATAC

Date Collected: 2/14/12 12:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	26		%		2/20/12	2/28/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	44	U	ug/kg dry	44	2/20/12	2/28/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	44	U	ug/kg dry	44	2/20/12	2/28/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	43	NJ, CLP01, CLP12, QM-3	ug/kg dry	44	2/20/12	2/28/12	CLP SOM01.2 P
309-00-2	Aldrin	23	U	ug/kg dry	23	2/20/12	2/28/12	CLP SOM01.2 P
319-84-6	alpha-BHC	23	U	ug/kg dry	23	2/20/12	2/28/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	23	U	ug/kg dry	23	2/20/12	2/28/12	CLP SOM01.2 P
319-85-7	beta-BHC	23	U	ug/kg dry	23	2/20/12	2/28/12	CLP SOM01.2 P
319-86-8	delta-BHC	23	U	ug/kg dry	23	2/20/12	2/28/12	CLP SOM01.2 P
60-57-1	Dieldrin	44	U	ug/kg dry	44	2/20/12	2/28/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	23	U	ug/kg dry	23	2/20/12	2/28/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	44	U	ug/kg dry	44	2/20/12	2/28/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	44	U	ug/kg dry	44	2/20/12	2/28/12	CLP SOM01.2 P
72-20-8	Endrin	44	U	ug/kg dry	44	2/20/12	2/28/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	44	U	ug/kg dry	44	2/20/12	2/28/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	44	U	ug/kg dry	44	2/20/12	2/28/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	23	U	ug/kg dry	23	2/20/12	2/28/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	23	U	ug/kg dry	23	2/20/12	2/28/12	CLP SOM01.2 P
76-44-8	Heptachlor	23	U	ug/kg dry	23	2/20/12	2/28/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	23	U	ug/kg dry	23	2/20/12	2/28/12	CLP SOM01.2 P
72-43-5	Methoxychlor	230	U	ug/kg dry	230	2/20/12	2/28/12	CLP SOM01.2 P
8001-35-2	Toxaphene	2300	U	ug/kg dry	2300	2/20/12	2/28/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1752SF **Lab ID: C121007-38** **MD No:**
Station ID: SL1752 **Matrix: Surface Soil** **D No: 6N57 DATAC**

Date Collected: 2/14/12 11:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	27		%		2/18/12	2/28/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	5.1		ug/kg dry	4.3	2/18/12	2/28/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	38	N, CLP12	ug/kg dry	4.3	2/18/12	2/28/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	70	J, QM-3	ug/kg dry	4.3	2/18/12	2/28/12	CLP SOM01.2 P
309-00-2	Aldrin	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	5.0	N, CLP12	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
60-57-1	Dieldrin	1.3	NJ, CLP01, CLP12, QM-3	ug/kg dry	4.3	2/18/12	2/28/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.3	U	ug/kg dry	4.3	2/18/12	2/28/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.3	U	ug/kg dry	4.3	2/18/12	2/28/12	CLP SOM01.2 P
72-20-8	Endrin	4.3	U	ug/kg dry	4.3	2/18/12	2/28/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.3	U	ug/kg dry	4.3	2/18/12	2/28/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.3	U	ug/kg dry	4.3	2/18/12	2/28/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	4.6		ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	2.2	U	ug/kg dry	2.2	2/18/12	2/28/12	CLP SOM01.2 P
72-43-5	Methoxychlor	22	U	ug/kg dry	22	2/18/12	2/28/12	CLP SOM01.2 P
8001-35-2	Toxaphene	220	U	ug/kg dry	220	2/18/12	2/28/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1518SF **Lab ID: C121007-39** **MD No:**

Station ID: WA1518 **Matrix: Surface Soil** **D No: 6N31 DATAC**

Date Collected: 2/14/12 13:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	23		%		2/20/12	2/28/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	90	N, CLP12	ug/kg dry	43	2/20/12	2/28/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	340		ug/kg dry	43	2/20/12	2/28/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	830		ug/kg dry	43	2/20/12	2/28/12	CLP SOM01.2 P
309-00-2	Aldrin	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
319-84-6	alpha-BHC	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
319-85-7	beta-BHC	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
319-86-8	delta-BHC	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
60-57-1	Dieldrin	62		ug/kg dry	43	2/20/12	2/28/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	43	U	ug/kg dry	43	2/20/12	2/28/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	43	U	ug/kg dry	43	2/20/12	2/28/12	CLP SOM01.2 P
72-20-8	Endrin	43	U	ug/kg dry	43	2/20/12	2/28/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	15	J, CLP01	ug/kg dry	43	2/20/12	2/28/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	43	U	ug/kg dry	43	2/20/12	2/28/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	10	NJ, CLP01, CLP12	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
76-44-8	Heptachlor	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
72-43-5	Methoxychlor	220	U	ug/kg dry	220	2/20/12	2/28/12	CLP SOM01.2 P
8001-35-2	Toxaphene	2200	U	ug/kg dry	2200	2/20/12	2/28/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1518SFX **Lab ID: C121007-40** **MD No:**
Station ID: WA1518X **Matrix: Surface Soil** **D No: 6N64 DATAC**

Date Collected: 2/14/12 13:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	23		%		2/20/12	3/02/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	8.0	U, CLP13	ug/kg dry	4.0	2/20/12	3/02/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	32		ug/kg dry	4.0	2/20/12	3/02/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	24		ug/kg dry	4.0	2/20/12	3/02/12	CLP SOM01.2 P
309-00-2	Aldrin	1.8	NJ, CLP01, CLP12	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
60-57-1	Dieldrin	18		ug/kg dry	4.0	2/20/12	3/02/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.0	U	ug/kg dry	4.0	2/20/12	3/02/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.0	U	ug/kg dry	4.0	2/20/12	3/02/12	CLP SOM01.2 P
72-20-8	Endrin	4.0	U	ug/kg dry	4.0	2/20/12	3/02/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.0	U	ug/kg dry	4.0	2/20/12	3/02/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.0	U	ug/kg dry	4.0	2/20/12	3/02/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	3.6	N, CLP12	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	0.97	NJ, CLP01, CLP12	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
72-43-5	Methoxychlor	21	U	ug/kg dry	21	2/20/12	3/02/12	CLP SOM01.2 P
8001-35-2	Toxaphene	210	U	ug/kg dry	210	2/20/12	3/02/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1520SF **Lab ID: C121007-41** **MD No:**
Station ID: WA1520 **Matrix: Surface Soil** **D No: 6N32 DATAC**

Date Collected: 2/14/12 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	24		%		2/20/12	2/28/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	8.2		ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	9.7		ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
309-00-2	Aldrin	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	3.6	U, CLP13	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
60-57-1	Dieldrin	12	N, CLP12	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
72-20-8	Endrin	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	0.48	NJ, CLP01, CLP12	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	3.7	N, CLP12	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
72-43-5	Methoxychlor	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
8001-35-2	Toxaphene	220	U	ug/kg dry	220	2/20/12	2/28/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1526SF **Lab ID: C121007-42** **MD No:**
Station ID: WA1526 **Matrix: Surface Soil** **D No: 6N65 DATAC**

Date Collected: 2/14/12 14:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	27		%		2/20/12	3/02/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.5	U	ug/kg dry	4.5	2/20/12	3/02/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	120		ug/kg dry	45	2/20/12	3/02/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	53		ug/kg dry	4.5	2/20/12	3/02/12	CLP SOM01.2 P
309-00-2	Aldrin	2.3	U	ug/kg dry	2.3	2/20/12	3/02/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.3	U	ug/kg dry	2.3	2/20/12	3/02/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	2.3	U	ug/kg dry	2.3	2/20/12	3/02/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.3	U	ug/kg dry	2.3	2/20/12	3/02/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.3	U	ug/kg dry	2.3	2/20/12	3/02/12	CLP SOM01.2 P
60-57-1	Dieldrin	81		ug/kg dry	4.5	2/20/12	3/02/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.3	U	ug/kg dry	2.3	2/20/12	3/02/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.5	U	ug/kg dry	4.5	2/20/12	3/02/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.5	U	ug/kg dry	4.5	2/20/12	3/02/12	CLP SOM01.2 P
72-20-8	Endrin	4.5	U	ug/kg dry	4.5	2/20/12	3/02/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.5	U	ug/kg dry	4.5	2/20/12	3/02/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.5	U	ug/kg dry	4.5	2/20/12	3/02/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.3	U	ug/kg dry	2.3	2/20/12	3/02/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	2.3	U	ug/kg dry	2.3	2/20/12	3/02/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.3	U	ug/kg dry	2.3	2/20/12	3/02/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	2.3	U	ug/kg dry	2.3	2/20/12	3/02/12	CLP SOM01.2 P
72-43-5	Methoxychlor	23	U	ug/kg dry	23	2/20/12	3/02/12	CLP SOM01.2 P
8001-35-2	Toxaphene	230	U	ug/kg dry	230	2/20/12	3/02/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1534SF **Lab ID: C121007-43** **MD No:**
Station ID: WA1534 **Matrix: Surface Soil** **D No: 6N70 DATAC**

Date Collected: 2/15/12 8:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	22		%		2/21/12	2/26/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	3.6	J, CLP01	ug/kg dry	4.2	2/21/12	2/26/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	270		ug/kg dry	22	2/21/12	2/26/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	76		ug/kg dry	4.2	2/21/12	2/26/12	CLP SOM01.2 P
309-00-2	Aldrin	2.2	U	ug/kg dry	2.2	2/21/12	2/26/12	CLP SOM01.2 P
319-84-6	alpha-BHC	0.46	J, CLP01	ug/kg dry	2.2	2/21/12	2/26/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	2.2	U	ug/kg dry	2.2	2/21/12	2/26/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.2	U	ug/kg dry	2.2	2/21/12	2/26/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.2	U	ug/kg dry	2.2	2/21/12	2/26/12	CLP SOM01.2 P
60-57-1	Dieldrin	16		ug/kg dry	4.2	2/21/12	2/26/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.2	U	ug/kg dry	2.2	2/21/12	2/26/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.2	U	ug/kg dry	4.2	2/21/12	2/26/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	2.6	J, CLP01	ug/kg dry	4.2	2/21/12	2/26/12	CLP SOM01.2 P
72-20-8	Endrin	4.2	U	ug/kg dry	4.2	2/21/12	2/26/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	1.3	NJ, CLP01, CLP12	ug/kg dry	4.2	2/21/12	2/26/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.2	U	ug/kg dry	4.2	2/21/12	2/26/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.2	U	ug/kg dry	2.2	2/21/12	2/26/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	2.2	U	ug/kg dry	2.2	2/21/12	2/26/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.2	U	ug/kg dry	2.2	2/21/12	2/26/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	2.2	U	ug/kg dry	2.2	2/21/12	2/26/12	CLP SOM01.2 P
72-43-5	Methoxychlor	22	U	ug/kg dry	22	2/21/12	2/26/12	CLP SOM01.2 P
8001-35-2	Toxaphene	220	U	ug/kg dry	220	2/21/12	2/26/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1602SF **Lab ID: C121007-44** **MD No:**
Station ID: WA1602 **Matrix: Surface Soil** **D No: 6N33 DATAC**

Date Collected: 2/14/12 15:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	21		%		2/20/12	2/28/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.2	U	ug/kg dry	4.2	2/20/12	2/28/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	170		ug/kg dry	42	2/20/12	2/28/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	77		ug/kg dry	4.2	2/20/12	2/28/12	CLP SOM01.2 P
309-00-2	Aldrin	4.7	N, CLP12	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-84-6	alpha-BHC	0.48	J, CLP01	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	21	U, CLP13	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-85-7	beta-BHC	0.75	J, CLP01	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
60-57-1	Dieldrin	800	D-1	ug/kg dry	42	2/20/12	2/28/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	0.54	J, CLP01	ug/kg dry	4.2	2/20/12	2/28/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.2	U	ug/kg dry	4.2	2/20/12	2/28/12	CLP SOM01.2 P
72-20-8	Endrin	14		ug/kg dry	4.2	2/20/12	2/28/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.2	U	ug/kg dry	4.2	2/20/12	2/28/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	3.3	NJ, CLP01, CLP12	ug/kg dry	4.2	2/20/12	2/28/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	14		ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
72-43-5	Methoxychlor	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
8001-35-2	Toxaphene	220	U	ug/kg dry	220	2/20/12	2/28/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1606SF **Lab ID: C121007-45** **MD No:**
Station ID: WA1606 **Matrix: Surface Soil** **D No: 6N34 DATAC**

Date Collected: 2/14/12 16:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	23		%		2/20/12	2/28/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	110		ug/kg dry	43	2/20/12	2/28/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	51		ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
309-00-2	Aldrin	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	3.5	U, CLP13	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
60-57-1	Dieldrin	23		ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
72-20-8	Endrin	5.3	N, CLP12	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	5.5		ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
76-44-8	Heptachlor	1.0	J, CLP01	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	1.4	NJ, CLP01, CLP12	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
72-43-5	Methoxychlor	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
8001-35-2	Toxaphene	220	U	ug/kg dry	220	2/20/12	2/28/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1608SF **Lab ID: C121007-46** **MD No:**
Station ID: WA1608 **Matrix: Surface Soil** **D No: 6N69 DATAC**

Date Collected: 2/14/12 16:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	24		%		2/20/12	3/02/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.1	U	ug/kg dry	4.1	2/20/12	3/02/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	290		ug/kg dry	41	2/20/12	3/02/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	110		ug/kg dry	41	2/20/12	3/02/12	CLP SOM01.2 P
309-00-2	Aldrin	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
319-84-6	alpha-BHC	0.71	NJ, CLP01, CLP12	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
60-57-1	Dieldrin	23		ug/kg dry	4.1	2/20/12	3/02/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.1	U	ug/kg dry	4.1	2/20/12	3/02/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.1	U	ug/kg dry	4.1	2/20/12	3/02/12	CLP SOM01.2 P
72-20-8	Endrin	6.3	U, CLP13	ug/kg dry	4.1	2/20/12	3/02/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.8	U, CLP13	ug/kg dry	4.1	2/20/12	3/02/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.1	U	ug/kg dry	4.1	2/20/12	3/02/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
72-43-5	Methoxychlor	21	U	ug/kg dry	21	2/20/12	3/02/12	CLP SOM01.2 P
8001-35-2	Toxaphene	210	U	ug/kg dry	210	2/20/12	3/02/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1610SF **Lab ID: C121007-47** **MD No:**
Station ID: WA1610 **Matrix: Surface Soil** **D No: 6N35 DATAC**

Date Collected: 2/15/12 10:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	23		%		2/20/12	2/28/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	39		ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	330		ug/kg dry	43	2/20/12	2/28/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	150		ug/kg dry	43	2/20/12	2/28/12	CLP SOM01.2 P
309-00-2	Aldrin	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-84-6	alpha-BHC	0.53	NJ, CLP01, CLP12	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	42	U, CLP13	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-85-7	beta-BHC	0.78	NJ, CLP01, CLP12	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-86-8	delta-BHC	0.55	J, CLP01	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
60-57-1	Dieldrin	88		ug/kg dry	43	2/20/12	2/28/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	0.55	J, CLP01	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
72-20-8	Endrin	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	62		ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
76-44-8	Heptachlor	4.0		ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	46		ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
72-43-5	Methoxychlor	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
8001-35-2	Toxaphene	220	U	ug/kg dry	220	2/20/12	2/28/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: WA1610SFX
Station ID: WA1610X

Lab ID: C121007-48
Matrix: Surface Soil

MD No:
D No: 6N75 DATAC

Date Collected: 2/15/12 10:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	21		%		2/21/12	2/26/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	3.9	U	ug/kg dry	3.9	2/21/12	2/26/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	12		ug/kg dry	3.9	2/21/12	2/26/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	11		ug/kg dry	3.9	2/21/12	2/26/12	CLP SOM01.2 P
309-00-2	Aldrin	2.0	U	ug/kg dry	2.0	2/21/12	2/26/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.0	U	ug/kg dry	2.0	2/21/12	2/26/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	2.0	U	ug/kg dry	2.0	2/21/12	2/26/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.0	U	ug/kg dry	2.0	2/21/12	2/26/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.0	U	ug/kg dry	2.0	2/21/12	2/26/12	CLP SOM01.2 P
60-57-1	Dieldrin	1.8	NJ, CLP01, CLP12	ug/kg dry	3.9	2/21/12	2/26/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.0	U	ug/kg dry	2.0	2/21/12	2/26/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	3.9	U	ug/kg dry	3.9	2/21/12	2/26/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	3.9	U	ug/kg dry	3.9	2/21/12	2/26/12	CLP SOM01.2 P
72-20-8	Endrin	3.9	U	ug/kg dry	3.9	2/21/12	2/26/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	3.9	U	ug/kg dry	3.9	2/21/12	2/26/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	3.9	U	ug/kg dry	3.9	2/21/12	2/26/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.0	U	ug/kg dry	2.0	2/21/12	2/26/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	0.92	J, CLP01	ug/kg dry	2.0	2/21/12	2/26/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.0	U	ug/kg dry	2.0	2/21/12	2/26/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	0.79	NJ, CLP01, CLP12	ug/kg dry	2.0	2/21/12	2/26/12	CLP SOM01.2 P
72-43-5	Methoxychlor	20	U	ug/kg dry	20	2/21/12	2/26/12	CLP SOM01.2 P
8001-35-2	Toxaphene	200	U	ug/kg dry	200	2/21/12	2/26/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1614SF **Lab ID: C121007-49** **MD No:**
Station ID: WA1614 **Matrix: Surface Soil** **D No: 6N36 DATAC**

Date Collected: 2/14/12 17:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	27		%		2/20/12	2/28/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	3.3	J, CLP01	ug/kg dry	4.5	2/20/12	2/28/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	270		ug/kg dry	45	2/20/12	2/28/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	120		ug/kg dry	45	2/20/12	2/28/12	CLP SOM01.2 P
309-00-2	Aldrin	2.3	U	ug/kg dry	2.3	2/20/12	2/28/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.3	U	ug/kg dry	2.3	2/20/12	2/28/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	2.3	U	ug/kg dry	2.3	2/20/12	2/28/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.3	U	ug/kg dry	2.3	2/20/12	2/28/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.3	U	ug/kg dry	2.3	2/20/12	2/28/12	CLP SOM01.2 P
60-57-1	Dieldrin	22		ug/kg dry	4.5	2/20/12	2/28/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.3	U	ug/kg dry	2.3	2/20/12	2/28/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.5	U	ug/kg dry	4.5	2/20/12	2/28/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.5	U	ug/kg dry	4.5	2/20/12	2/28/12	CLP SOM01.2 P
72-20-8	Endrin	4.5	U	ug/kg dry	4.5	2/20/12	2/28/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.5	U	ug/kg dry	4.5	2/20/12	2/28/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.5	U	ug/kg dry	4.5	2/20/12	2/28/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.3	U	ug/kg dry	2.3	2/20/12	2/28/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	2.3	U	ug/kg dry	2.3	2/20/12	2/28/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.3	U	ug/kg dry	2.3	2/20/12	2/28/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	2.3	U	ug/kg dry	2.3	2/20/12	2/28/12	CLP SOM01.2 P
72-43-5	Methoxychlor	23	U	ug/kg dry	23	2/20/12	2/28/12	CLP SOM01.2 P
8001-35-2	Toxaphene	230	U	ug/kg dry	230	2/20/12	2/28/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1616SF **Lab ID: C121007-50** **MD No:**
Station ID: WA1616 **Matrix: Surface Soil** **D No: 6N37 DATAC**

Date Collected: 2/15/12 11:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	26		%		2/20/12	2/28/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.5	U	ug/kg dry	4.5	2/20/12	2/28/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	220		ug/kg dry	45	2/20/12	2/28/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	130		ug/kg dry	45	2/20/12	2/28/12	CLP SOM01.2 P
309-00-2	Aldrin	2.3	U	ug/kg dry	2.3	2/20/12	2/28/12	CLP SOM01.2 P
319-84-6	alpha-BHC	0.83	NJ, CLP01, CLP12	ug/kg dry	2.3	2/20/12	2/28/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	4.5	U, CLP13	ug/kg dry	2.3	2/20/12	2/28/12	CLP SOM01.2 P
319-85-7	beta-BHC	0.92	J, CLP01	ug/kg dry	2.3	2/20/12	2/28/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.3	U	ug/kg dry	2.3	2/20/12	2/28/12	CLP SOM01.2 P
60-57-1	Dieldrin	8.9	N, CLP12	ug/kg dry	4.5	2/20/12	2/28/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.3	U	ug/kg dry	2.3	2/20/12	2/28/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.5	U	ug/kg dry	4.5	2/20/12	2/28/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	2.2	J, CLP01	ug/kg dry	4.5	2/20/12	2/28/12	CLP SOM01.2 P
72-20-8	Endrin	10	U, CLP13	ug/kg dry	4.5	2/20/12	2/28/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.5	U	ug/kg dry	4.5	2/20/12	2/28/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	1.8	J, CLP01	ug/kg dry	4.5	2/20/12	2/28/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.3	U	ug/kg dry	2.3	2/20/12	2/28/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	3.6		ug/kg dry	2.3	2/20/12	2/28/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.3	U	ug/kg dry	2.3	2/20/12	2/28/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	2.3	U	ug/kg dry	2.3	2/20/12	2/28/12	CLP SOM01.2 P
72-43-5	Methoxychlor	23	U	ug/kg dry	23	2/20/12	2/28/12	CLP SOM01.2 P
8001-35-2	Toxaphene	230	U	ug/kg dry	230	2/20/12	2/28/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1618SF **Lab ID: C121007-51** **MD No:**
Station ID: WA1618 **Matrix: Surface Soil** **D No: 6N71 DATAC**

Date Collected: 2/15/12 10:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	21		%		2/20/12	3/02/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.1	U	ug/kg dry	4.1	2/20/12	3/02/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	380		ug/kg dry	41	2/20/12	3/02/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	260		ug/kg dry	41	2/20/12	3/02/12	CLP SOM01.2 P
309-00-2	Aldrin	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
319-84-6	alpha-BHC	0.51	NJ, CLP01, CLP12	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	120	U, CLP13	ug/kg dry	21	2/20/12	3/02/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
60-57-1	Dieldrin	95		ug/kg dry	41	2/20/12	3/02/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.1	U	ug/kg dry	4.1	2/20/12	3/02/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.1	U	ug/kg dry	4.1	2/20/12	3/02/12	CLP SOM01.2 P
72-20-8	Endrin	31	U, CLP13	ug/kg dry	4.1	2/20/12	3/02/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.1	U	ug/kg dry	4.1	2/20/12	3/02/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.1	U	ug/kg dry	4.1	2/20/12	3/02/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.1	U	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	170		ug/kg dry	21	2/20/12	3/02/12	CLP SOM01.2 P
76-44-8	Heptachlor	4.0		ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	30	N, CLP12	ug/kg dry	2.1	2/20/12	3/02/12	CLP SOM01.2 P
72-43-5	Methoxychlor	21	U	ug/kg dry	21	2/20/12	3/02/12	CLP SOM01.2 P
8001-35-2	Toxaphene	210	U	ug/kg dry	210	2/20/12	3/02/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: WA1620SF
Station ID: WA1620

Lab ID: C121007-52
Matrix: Surface Soil

MD No:
D No: 6N38 DATAC

Date Collected: 2/15/12 11:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	24		%		2/20/12	2/28/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	44	U	ug/kg dry	44	2/20/12	2/28/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	150		ug/kg dry	44	2/20/12	2/28/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	130		ug/kg dry	44	2/20/12	2/28/12	CLP SOM01.2 P
309-00-2	Aldrin	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
319-84-6	alpha-BHC	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
319-85-7	beta-BHC	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
319-86-8	delta-BHC	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
60-57-1	Dieldrin	44	U	ug/kg dry	44	2/20/12	2/28/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	44	U	ug/kg dry	44	2/20/12	2/28/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	44	U	ug/kg dry	44	2/20/12	2/28/12	CLP SOM01.2 P
72-20-8	Endrin	44	U	ug/kg dry	44	2/20/12	2/28/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	44	U	ug/kg dry	44	2/20/12	2/28/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	44	U	ug/kg dry	44	2/20/12	2/28/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	10	NJ, CLP01, CLP12	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
76-44-8	Heptachlor	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
72-43-5	Methoxychlor	220	U	ug/kg dry	220	2/20/12	2/28/12	CLP SOM01.2 P
8001-35-2	Toxaphene	2200	U	ug/kg dry	2200	2/20/12	2/28/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1620SFS **Lab ID: C121007-53** **MD No:**
Station ID: WA1620 **Matrix: Surface Soil** **D No: 6N83 DATAC**

Date Collected: 2/15/12 11:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	24		%		2/21/12	2/26/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	41	U	ug/kg dry	41	2/21/12	2/26/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	130		ug/kg dry	41	2/21/12	2/26/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	110		ug/kg dry	41	2/21/12	2/26/12	CLP SOM01.2 P
309-00-2	Aldrin	21	U	ug/kg dry	21	2/21/12	2/26/12	CLP SOM01.2 P
319-84-6	alpha-BHC	21	U	ug/kg dry	21	2/21/12	2/26/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	21	U	ug/kg dry	21	2/21/12	2/26/12	CLP SOM01.2 P
319-85-7	beta-BHC	21	U	ug/kg dry	21	2/21/12	2/26/12	CLP SOM01.2 P
319-86-8	delta-BHC	21	U	ug/kg dry	21	2/21/12	2/26/12	CLP SOM01.2 P
60-57-1	Dieldrin	40	NJ, CLP01, CLP12	ug/kg dry	41	2/21/12	2/26/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	21	U	ug/kg dry	21	2/21/12	2/26/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	41	U	ug/kg dry	41	2/21/12	2/26/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	41	U	ug/kg dry	41	2/21/12	2/26/12	CLP SOM01.2 P
72-20-8	Endrin	41	U	ug/kg dry	41	2/21/12	2/26/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	41	U	ug/kg dry	41	2/21/12	2/26/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	41	U	ug/kg dry	41	2/21/12	2/26/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	21	U	ug/kg dry	21	2/21/12	2/26/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	21	U	ug/kg dry	21	2/21/12	2/26/12	CLP SOM01.2 P
76-44-8	Heptachlor	21	U	ug/kg dry	21	2/21/12	2/26/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	4.8	NJ, CLP01, CLP12	ug/kg dry	21	2/21/12	2/26/12	CLP SOM01.2 P
72-43-5	Methoxychlor	210	U	ug/kg dry	210	2/21/12	2/26/12	CLP SOM01.2 P
8001-35-2	Toxaphene	2100	U	ug/kg dry	2100	2/21/12	2/26/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: WA1624SF

Lab ID: C121007-54

MD No:

Station ID: WA1624

Matrix: Surface Soil

D No: 6N39 DATAC

Date Collected: 2/15/12 12:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	24		%		2/20/12	2/28/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	3.5	J, CLP01	ug/kg dry	4.4	2/20/12	2/28/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	200		ug/kg dry	44	2/20/12	2/28/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	87		ug/kg dry	44	2/20/12	2/28/12	CLP SOM01.2 P
309-00-2	Aldrin	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
60-57-1	Dieldrin	26		ug/kg dry	4.4	2/20/12	2/28/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.4	U	ug/kg dry	4.4	2/20/12	2/28/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.4	U	ug/kg dry	4.4	2/20/12	2/28/12	CLP SOM01.2 P
72-20-8	Endrin	4.4	U	ug/kg dry	4.4	2/20/12	2/28/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.4	U	ug/kg dry	4.4	2/20/12	2/28/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.4	U	ug/kg dry	4.4	2/20/12	2/28/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
72-43-5	Methoxychlor	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
8001-35-2	Toxaphene	220	U	ug/kg dry	220	2/20/12	2/28/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1626SF **Lab ID: C121007-55** **MD No:**
Station ID: WA1626 **Matrix: Surface Soil** **D No: 6N40 DATAC**

Date Collected: 2/14/12 17:11

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	23		%		2/20/12	2/28/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	13	U, CLP13	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	300		ug/kg dry	43	2/20/12	2/28/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	340		ug/kg dry	43	2/20/12	2/28/12	CLP SOM01.2 P
309-00-2	Aldrin	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-85-7	beta-BHC	0.60	NJ, CLP01, CLP12	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
60-57-1	Dieldrin	67		ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
72-20-8	Endrin	6.1	U, CLP13	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	2.3	U, CLP13	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
72-43-5	Methoxychlor	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
8001-35-2	Toxaphene	220	U	ug/kg dry	220	2/20/12	2/28/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1702SF **Lab ID: C121007-56** **MD No:**

Station ID: WA1702 **Matrix: Surface Soil** **D No: 6N41 DATAC**

Date Collected: 2/14/12 14:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	24		%		2/20/12	2/28/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	44	U	ug/kg dry	44	2/20/12	2/28/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	54	N, CLP12	ug/kg dry	44	2/20/12	2/28/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	62	N, CLP12	ug/kg dry	44	2/20/12	2/28/12	CLP SOM01.2 P
309-00-2	Aldrin	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
319-84-6	alpha-BHC	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
319-85-7	beta-BHC	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
319-86-8	delta-BHC	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
60-57-1	Dieldrin	14	NJ, CLP01, CLP12	ug/kg dry	44	2/20/12	2/28/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	44	U	ug/kg dry	44	2/20/12	2/28/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	44	U	ug/kg dry	44	2/20/12	2/28/12	CLP SOM01.2 P
72-20-8	Endrin	6.6	NJ, CLP01, CLP12	ug/kg dry	44	2/20/12	2/28/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	44	U	ug/kg dry	44	2/20/12	2/28/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	44	U	ug/kg dry	44	2/20/12	2/28/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
76-44-8	Heptachlor	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
72-43-5	Methoxychlor	220	U	ug/kg dry	220	2/20/12	2/28/12	CLP SOM01.2 P
8001-35-2	Toxaphene	2200	U	ug/kg dry	2200	2/20/12	2/28/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1702SFD **Lab ID: C121007-57** **MD No:**
Station ID: WA1702 **Matrix: Surface Soil** **D No: 6N67 DATAC**

Date Collected: 2/14/12 15:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	20		%		2/20/12	3/02/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	41	U	ug/kg dry	41	2/20/12	3/02/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	81		ug/kg dry	41	2/20/12	3/02/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	65	N, CLP12	ug/kg dry	41	2/20/12	3/02/12	CLP SOM01.2 P
309-00-2	Aldrin	21	U	ug/kg dry	21	2/20/12	3/02/12	CLP SOM01.2 P
319-84-6	alpha-BHC	21	U	ug/kg dry	21	2/20/12	3/02/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	21	U	ug/kg dry	21	2/20/12	3/02/12	CLP SOM01.2 P
319-85-7	beta-BHC	21	U	ug/kg dry	21	2/20/12	3/02/12	CLP SOM01.2 P
319-86-8	delta-BHC	21	U	ug/kg dry	21	2/20/12	3/02/12	CLP SOM01.2 P
60-57-1	Dieldrin	20	J, CLP01	ug/kg dry	41	2/20/12	3/02/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	21	U	ug/kg dry	21	2/20/12	3/02/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	41	U	ug/kg dry	41	2/20/12	3/02/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	41	U	ug/kg dry	41	2/20/12	3/02/12	CLP SOM01.2 P
72-20-8	Endrin	41	U	ug/kg dry	41	2/20/12	3/02/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	41	U	ug/kg dry	41	2/20/12	3/02/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	41	U	ug/kg dry	41	2/20/12	3/02/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	21	U	ug/kg dry	21	2/20/12	3/02/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	21	U	ug/kg dry	21	2/20/12	3/02/12	CLP SOM01.2 P
76-44-8	Heptachlor	21	U	ug/kg dry	21	2/20/12	3/02/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	21	U	ug/kg dry	21	2/20/12	3/02/12	CLP SOM01.2 P
72-43-5	Methoxychlor	210	U	ug/kg dry	210	2/20/12	3/02/12	CLP SOM01.2 P
8001-35-2	Toxaphene	2100	U	ug/kg dry	2100	2/20/12	3/02/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: WA1702SFX
Station ID: WA1702X

Lab ID: C121007-58
Matrix: Surface Soil

MD No:
D No: 6N68 DATAC

Date Collected: 2/14/12 15:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	18		%		2/20/12	3/02/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	3.8	U	ug/kg dry	3.8	2/20/12	3/02/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	23		ug/kg dry	3.8	2/20/12	3/02/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	12		ug/kg dry	3.8	2/20/12	3/02/12	CLP SOM01.2 P
309-00-2	Aldrin	2.0	U	ug/kg dry	2.0	2/20/12	3/02/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.0	U	ug/kg dry	2.0	2/20/12	3/02/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	2.0	U	ug/kg dry	2.0	2/20/12	3/02/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.0	U	ug/kg dry	2.0	2/20/12	3/02/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.0	U	ug/kg dry	2.0	2/20/12	3/02/12	CLP SOM01.2 P
60-57-1	Dieldrin	2.1	J, CLP01	ug/kg dry	3.8	2/20/12	3/02/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.0	U	ug/kg dry	2.0	2/20/12	3/02/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	3.8	U	ug/kg dry	3.8	2/20/12	3/02/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	3.8	U	ug/kg dry	3.8	2/20/12	3/02/12	CLP SOM01.2 P
72-20-8	Endrin	3.8	U	ug/kg dry	3.8	2/20/12	3/02/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	0.53	J, CLP01	ug/kg dry	3.8	2/20/12	3/02/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	3.8	U	ug/kg dry	3.8	2/20/12	3/02/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.0	U	ug/kg dry	2.0	2/20/12	3/02/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	2.0	U	ug/kg dry	2.0	2/20/12	3/02/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.0	U	ug/kg dry	2.0	2/20/12	3/02/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	2.0	U	ug/kg dry	2.0	2/20/12	3/02/12	CLP SOM01.2 P
72-43-5	Methoxychlor	20	U	ug/kg dry	20	2/20/12	3/02/12	CLP SOM01.2 P
8001-35-2	Toxaphene	200	U	ug/kg dry	200	2/20/12	3/02/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1704SF **Lab ID: C121007-59** **MD No:**

Station ID: WA1704 **Matrix: Surface Soil** **D No: 6N42 DATAC**

Date Collected: 2/14/12 15:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	24		%		2/20/12	2/28/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	43	U	ug/kg dry	43	2/20/12	2/28/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	41	NJ, CLP01, CLP12	ug/kg dry	43	2/20/12	2/28/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	39	NJ, CLP01, CLP12	ug/kg dry	43	2/20/12	2/28/12	CLP SOM01.2 P
309-00-2	Aldrin	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
319-84-6	alpha-BHC	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
319-85-7	beta-BHC	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
319-86-8	delta-BHC	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
60-57-1	Dieldrin	16	NJ, CLP01, CLP12	ug/kg dry	43	2/20/12	2/28/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	43	U	ug/kg dry	43	2/20/12	2/28/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	43	U	ug/kg dry	43	2/20/12	2/28/12	CLP SOM01.2 P
72-20-8	Endrin	43	U	ug/kg dry	43	2/20/12	2/28/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	43	U	ug/kg dry	43	2/20/12	2/28/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	43	U	ug/kg dry	43	2/20/12	2/28/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
76-44-8	Heptachlor	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
72-43-5	Methoxychlor	220	U	ug/kg dry	220	2/20/12	2/28/12	CLP SOM01.2 P
8001-35-2	Toxaphene	2200	U	ug/kg dry	2200	2/20/12	2/28/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: WA1712SF

Station ID: WA1712

Lab ID: C121007-60

Matrix: Surface Soil

MD No:

D No: 6N43 DATAC

Date Collected: 2/14/12 16:18

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	23		%		2/20/12	2/28/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	110		ug/kg dry	43	2/20/12	2/28/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	56		ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
309-00-2	Aldrin	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	73	U, CLP13	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
319-85-7	beta-BHC	0.62	NJ, CLP01, CLP12	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
60-57-1	Dieldrin	7.6	U, CLP13	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
72-20-8	Endrin	11	U, CLP13	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	98		ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
76-44-8	Heptachlor	9.4		ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	58		ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
72-43-5	Methoxychlor	5.9	J, CLP01	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
8001-35-2	Toxaphene	220	U	ug/kg dry	220	2/20/12	2/28/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1714SF **Lab ID: C121007-61** **MD No:**
Station ID: WA1714 **Matrix: Surface Soil** **D No: 6N44 DATAC**

Date Collected: 2/14/12 13:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	22		%		2/20/12	2/28/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	5.7	U, CLP13	ug/kg dry	4.2	2/20/12	2/28/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	110		ug/kg dry	42	2/20/12	2/28/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	65		ug/kg dry	4.2	2/20/12	2/28/12	CLP SOM01.2 P
309-00-2	Aldrin	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-86-8	delta-BHC	0.50	J, CLP01	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
60-57-1	Dieldrin	29	N, CLP12	ug/kg dry	4.2	2/20/12	2/28/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.2	U	ug/kg dry	4.2	2/20/12	2/28/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.2	U	ug/kg dry	4.2	2/20/12	2/28/12	CLP SOM01.2 P
72-20-8	Endrin	12	U, CLP13	ug/kg dry	4.2	2/20/12	2/28/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.2	U	ug/kg dry	4.2	2/20/12	2/28/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.2	U	ug/kg dry	4.2	2/20/12	2/28/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	30		ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	9.4	N, CLP12	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
72-43-5	Methoxychlor	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
8001-35-2	Toxaphene	220	U	ug/kg dry	220	2/20/12	2/28/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1716SF **Lab ID: C121007-62** **MD No:**

Station ID: WA1716 **Matrix: Surface Soil** **D No: 6N45 DATAC**

Date Collected: 2/14/12 13:34

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	23		%		2/20/12	2/28/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	48		ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	29	N, CLP12	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
309-00-2	Aldrin	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
60-57-1	Dieldrin	7.8	U, CLP13	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
72-20-8	Endrin	20		ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	3.8	NJ, CLP01, CLP12	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
72-43-5	Methoxychlor	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
8001-35-2	Toxaphene	220	U	ug/kg dry	220	2/20/12	2/28/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1716SFX **Lab ID: C121007-63** **MD No:**
Station ID: WA1716X **Matrix: Surface Soil** **D No: 6N62 DATAC**

Date Collected: 2/14/12 13:34

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	22		%		2/20/12	3/02/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.2	U	ug/kg dry	4.2	2/20/12	3/02/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	14		ug/kg dry	4.2	2/20/12	3/02/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	11	N, CLP12	ug/kg dry	4.2	2/20/12	3/02/12	CLP SOM01.2 P
309-00-2	Aldrin	2.2	U	ug/kg dry	2.2	2/20/12	3/02/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.2	U	ug/kg dry	2.2	2/20/12	3/02/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	2.2	U	ug/kg dry	2.2	2/20/12	3/02/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.2	U	ug/kg dry	2.2	2/20/12	3/02/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.2	U	ug/kg dry	2.2	2/20/12	3/02/12	CLP SOM01.2 P
60-57-1	Dieldrin	4.5	U, CLP13	ug/kg dry	4.2	2/20/12	3/02/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.2	U	ug/kg dry	2.2	2/20/12	3/02/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.2	U	ug/kg dry	4.2	2/20/12	3/02/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.2	U	ug/kg dry	4.2	2/20/12	3/02/12	CLP SOM01.2 P
72-20-8	Endrin	4.0	NJ, CLP01, CLP12	ug/kg dry	4.2	2/20/12	3/02/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.2	U	ug/kg dry	4.2	2/20/12	3/02/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.2	U	ug/kg dry	4.2	2/20/12	3/02/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.2	U	ug/kg dry	2.2	2/20/12	3/02/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	2.2	U	ug/kg dry	2.2	2/20/12	3/02/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.2	U	ug/kg dry	2.2	2/20/12	3/02/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	2.2	U	ug/kg dry	2.2	2/20/12	3/02/12	CLP SOM01.2 P
72-43-5	Methoxychlor	22	U	ug/kg dry	22	2/20/12	3/02/12	CLP SOM01.2 P
8001-35-2	Toxaphene	220	U	ug/kg dry	220	2/20/12	3/02/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: WA1722SF

Lab ID: C121007-64

MD No:

Station ID: WA1722

Matrix: Surface Soil

D No: 6N60 DATAC

Date Collected: 2/14/12 12:11

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	23		%		2/20/12	3/02/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	42	U	ug/kg dry	42	2/20/12	3/02/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	120		ug/kg dry	42	2/20/12	3/02/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	62		ug/kg dry	42	2/20/12	3/02/12	CLP SOM01.2 P
309-00-2	Aldrin	22	U	ug/kg dry	22	2/20/12	3/02/12	CLP SOM01.2 P
319-84-6	alpha-BHC	22	U	ug/kg dry	22	2/20/12	3/02/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	22	U	ug/kg dry	22	2/20/12	3/02/12	CLP SOM01.2 P
319-85-7	beta-BHC	22	U	ug/kg dry	22	2/20/12	3/02/12	CLP SOM01.2 P
319-86-8	delta-BHC	22	U	ug/kg dry	22	2/20/12	3/02/12	CLP SOM01.2 P
60-57-1	Dieldrin	1400		ug/kg dry	420	2/20/12	3/02/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	22	U	ug/kg dry	22	2/20/12	3/02/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	42	U	ug/kg dry	42	2/20/12	3/02/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	42	U	ug/kg dry	42	2/20/12	3/02/12	CLP SOM01.2 P
72-20-8	Endrin	42	U	ug/kg dry	42	2/20/12	3/02/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	42	U	ug/kg dry	42	2/20/12	3/02/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	42	U	ug/kg dry	42	2/20/12	3/02/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	22	U	ug/kg dry	22	2/20/12	3/02/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	10	J, CLP01	ug/kg dry	22	2/20/12	3/02/12	CLP SOM01.2 P
76-44-8	Heptachlor	22	U	ug/kg dry	22	2/20/12	3/02/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	22	U	ug/kg dry	22	2/20/12	3/02/12	CLP SOM01.2 P
72-43-5	Methoxychlor	220	U	ug/kg dry	220	2/20/12	3/02/12	CLP SOM01.2 P
8001-35-2	Toxaphene	2200	U	ug/kg dry	2200	2/20/12	3/02/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1728SF **Lab ID: C121007-65** **MD No:**
Station ID: WA1728 **Matrix: Surface Soil** **D No: 6N46 DATAC**

Date Collected: 2/14/12 11:48

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	22		%		2/20/12	2/28/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.2	U	ug/kg dry	4.2	2/20/12	2/28/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	74		ug/kg dry	4.2	2/20/12	2/28/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	51		ug/kg dry	4.2	2/20/12	2/28/12	CLP SOM01.2 P
309-00-2	Aldrin	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
60-57-1	Dieldrin	4.2	U	ug/kg dry	4.2	2/20/12	2/28/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.2	U	ug/kg dry	4.2	2/20/12	2/28/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.2	U	ug/kg dry	4.2	2/20/12	2/28/12	CLP SOM01.2 P
72-20-8	Endrin	7.4	N, CLP12	ug/kg dry	4.2	2/20/12	2/28/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.2	U	ug/kg dry	4.2	2/20/12	2/28/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.2	U	ug/kg dry	4.2	2/20/12	2/28/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	1.9	NJ, CLP01, CLP12	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
76-44-8	Heptachlor	0.22	J, CLP01	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
72-43-5	Methoxychlor	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
8001-35-2	Toxaphene	220	U	ug/kg dry	220	2/20/12	2/28/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: WA1732SF

Station ID: WA1732

Lab ID: C121007-66

Matrix: Surface Soil

MD No:

D No: 6N47 DATAC

Date Collected: 2/14/12 10:24

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	23		%		2/20/12	2/28/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	21		ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	16		ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
309-00-2	Aldrin	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
60-57-1	Dieldrin	8.0	N, CLP12	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
72-20-8	Endrin	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	2.5	N, CLP12	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
76-44-8	Heptachlor	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	1.1	NJ, CLP01, CLP12	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
72-43-5	Methoxychlor	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
8001-35-2	Toxaphene	220	U	ug/kg dry	220	2/20/12	2/28/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1734SF **Lab ID: C121007-67** **MD No:**
Station ID: WA1734 **Matrix: Surface Soil** **D No: 6N48 DATAC**

Date Collected: 2/14/12 9:52

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	24		%		2/20/12	2/28/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	8.8		ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	9.0		ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
309-00-2	Aldrin	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
60-57-1	Dieldrin	29		ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
72-20-8	Endrin	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.3	U	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	0.81	J, CLP01	ug/kg dry	4.3	2/20/12	2/28/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.2	U	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	3.0		ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
76-44-8	Heptachlor	1.0	NJ, CLP01, CLP12	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	0.86	NJ, CLP01, CLP12	ug/kg dry	2.2	2/20/12	2/28/12	CLP SOM01.2 P
72-43-5	Methoxychlor	22	U	ug/kg dry	22	2/20/12	2/28/12	CLP SOM01.2 P
8001-35-2	Toxaphene	220	U	ug/kg dry	220	2/20/12	2/28/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Organochlorine Pesticides

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: WA1740SF
Station ID: WA1740

Lab ID: C121007-68
Matrix: Surface Soil

MD No:
D No: 6N49 DATAC

Date Collected: 2/14/12 11:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	18		%		2/20/12	3/02/12	CLP Pesticides
72-54-8	4,4'-DDD (p,p'-DDD)	4.0	U	ug/kg dry	4.0	2/20/12	3/02/12	CLP SOM01.2 P
72-55-9	4,4'-DDE (p,p'-DDE)	13		ug/kg dry	4.0	2/20/12	3/02/12	CLP SOM01.2 P
50-29-3	4,4'-DDT (p,p'-DDT)	17		ug/kg dry	4.0	2/20/12	3/02/12	CLP SOM01.2 P
309-00-2	Aldrin	64		ug/kg dry	20	2/20/12	3/02/12	CLP SOM01.2 P
319-84-6	alpha-BHC	2.0	U	ug/kg dry	2.0	2/20/12	3/02/12	CLP SOM01.2 P
5103-71-9	alpha-Chlordane	11	U, CLP13	ug/kg dry	2.0	2/20/12	3/02/12	CLP SOM01.2 P
319-85-7	beta-BHC	2.0	U	ug/kg dry	2.0	2/20/12	3/02/12	CLP SOM01.2 P
319-86-8	delta-BHC	2.0	U	ug/kg dry	2.0	2/20/12	3/02/12	CLP SOM01.2 P
60-57-1	Dieldrin	42		ug/kg dry	4.0	2/20/12	3/02/12	CLP SOM01.2 P
959-98-8	Endosulfan I (alpha)	2.0	U	ug/kg dry	2.0	2/20/12	3/02/12	CLP SOM01.2 P
33213-65-9	Endosulfan II (beta)	4.0	U	ug/kg dry	4.0	2/20/12	3/02/12	CLP SOM01.2 P
1031-07-8	Endosulfan Sulfate	4.0	U	ug/kg dry	4.0	2/20/12	3/02/12	CLP SOM01.2 P
72-20-8	Endrin	4.0	U	ug/kg dry	4.0	2/20/12	3/02/12	CLP SOM01.2 P
7421-93-4	Endrin aldehyde	4.0	U	ug/kg dry	4.0	2/20/12	3/02/12	CLP SOM01.2 P
53494-70-5	Endrin ketone	4.0	U	ug/kg dry	4.0	2/20/12	3/02/12	CLP SOM01.2 P
58-89-9	gamma-BHC (Lindane)	2.0	U	ug/kg dry	2.0	2/20/12	3/02/12	CLP SOM01.2 P
5566-34-7	gamma-Chlordane	16		ug/kg dry	2.0	2/20/12	3/02/12	CLP SOM01.2 P
76-44-8	Heptachlor	3.2		ug/kg dry	2.0	2/20/12	3/02/12	CLP SOM01.2 P
1024-57-3	Heptachlor epoxide	2.7	N, CLP12	ug/kg dry	2.0	2/20/12	3/02/12	CLP SOM01.2 P
72-43-5	Methoxychlor	20	U	ug/kg dry	20	2/20/12	3/02/12	CLP SOM01.2 P
8001-35-2	Toxaphene	200	U	ug/kg dry	200	2/20/12	3/02/12	CLP SOM01.2 P

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

April 4, 2012

4SESD-MTSB

MEMORANDUM

SUBJECT: FINAL Analytical Report
Project: 12-0221, Black Leaf Chemicals
Superfund Emergency Response and Removal

FROM: Jeffrey Hendel
Quality Assurance Section Chemist

THRU: Marilyn Maycock, Chief
Quality Assurance Section

TO: Don Hunter

Attached are the final results for the analytical groups listed below. These analyses were performed in accordance with the associated contract Statement Of Work (SOW). In general, project data quality objectives have not been used to evaluate these data prior to release by the Quality Assurance Section. For a listing of specific data qualifiers and explanations, please refer to the Data Qualifier Definitions included in this report.

Analyses Included in this report:	Method Used:
Semi Volatile Organics (SVOA)	
Semivolatile organic compounds	CLP BNA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Report Narrative for Work Order C121007, Project: 12-0221
Site Name: Black Leaf Chemicals, Louisville, KY
CLP Case No. 42229, ELEMENT Sample Nos. C121007-01 through C121007-69

Organic Analysis: ALS Laboratory Group (DataChem), Salt Lake City, UT

The ESAT Work Team reviewed data for sixty-eight (68) soil samples analyzed for semi-volatile extractable organic compounds and pesticide compounds per CLP statement of work SOM01.2. The analytical results were reported in four sample delivery groups (SDGs) by the laboratory. In addition to the field samples, the laboratory analyzed one performance evaluation sample (PES) for evaluating the laboratory's performance with using the methods. The samples were collected on 02/14/12 and 02/15/12, and were received by the laboratory on 02/16/12. The final data package was received on 03/08/12 by the USEPA Quality Assurance Section, Region 4 SESD/MTSB.

The laboratory satisfied all technical analysis and extraction holding time requirements. A Stage 4 validation consisting of an electronic/manual review (S4VEM) was performed on the organic samples submitted for this case. The data package presents acceptable technical performance with qualifications.

All results associated with erratic initial and/or continuing calibration performance were "J" flagged with the appropriate Element qualifier (CLP16 and/or QC-1). Deuterated monitoring compounds (DMC) are used as surrogates in each sample for GC/MS analysis to monitor extraction efficiency.

Data quality factors requiring qualification of results are discussed below:

Semi-volatile Extractable Organic Compounds

The laboratory scored within warning limits for all spiked analytes in the PES except for 2,4-dichlorophenol, anthracene, and benzo(a)anthracene which were all scored as warning low. Any positive detects for these compounds were qualified "J" (CLP25), and any non-detects were qualified "R" (CLP25).

The percent recoveries of the DMC 4-chloroaniline-d4 was within the quality control limits established by the method and less than 10% for samples C121007-01, 06, 07, 08, 09, 11, 12, 13, 15, 18, 23, 25, 28, 29, 30, 31, 32, 33, 36, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 54, 55, 58, 61, 62, 63, 65, 67, and 68. The compounds associated with this DMC, 4-chloroaniline, hexachlorocyclopentadiene, and 3, 3'-dichlorobenzidine were qualified "J" (QS-4) in each of these samples.

The laboratory reported zero percent recovery for the DMC 4-chloroaniline-d4 in samples C121007-14, 16, 17, 19, 20, 21, 26, 27, 38, and 50. For these samples, the compounds associated with this DMC, 4-chloroaniline, hexachlorocyclopentadiene, and 3, 3'-dichlorobenzidine were qualified "R" (QS-4).

The percent recoveries of the DMC 4,6-dinitro-2-methylphenol-d2 was within the quality control limits

established by the method and less than 10% for samples C121007-04, 05, 06, 07, 09, 42, 49, and 62. The compound associated with this DMC, 4,6-dinitro-2-methylphenol was qualified "J" (QS-4) in each of these samples.

The percent recoveries of the DMC 4-methylphenol-d8 was within the quality control limits established by the method and less than 10% for sample C121007-26. The compounds associated with this DMC, 2-methylphenol, 4-methylphenol, 2,4-dimethylphenol were qualified "J" (QS-4) in this sample.

The percent recoveries of the DMC 4-methylphenol-d8 was less than the quality control limit established by the method and less than 10% for sample C121007-14. The compounds associated with this DMC, 2-methylphenol, 4-methylphenol, 2,4-dimethylphenol were qualified "R" (QS-4) in this sample.

Low DMC recoveries were observed in samples C121007-01, 03, 07, 11, 17, 19, 21, 40, 42, 43, and 50. All results associated with out of control DMCs were qualified "J" (QS-3) in these samples.

Internal standard area counts for chrysene-d12 and/or perylene were less than the quality control limt in samples C121007-20, 24, 25, 28, 29, and 30. The extracts were re-analyzed with similar results and low internal standard area counts observed suggesting a matrix effect. All results associated with out of control internal standards were qualified "J" (QI-1) in each of these samples.

The pyrene results were qualified "J" (QM-3) in samples C121007-38 and 63 due to poor precision in the matrix spike/ matrix spike duplicate (MS/MSD) performed for these two samples.

In the MS/MSD pair, the laboratory reported a low percent recovery for the compound 4-chloro-3-methylphenol for sample C121007-37. The non-detected result for this compound was qualified "UJ" (QM-1).

Due to matrix affects, the laboratory was required to dilute the sample extracts prior to the gel permeation cleanup procedure due to extract viscosity for samples C121007-02, 10, 22, 51, 56, 57, 59, and 60. As a result, the reporting limits for these samples are elevated even though all target analytes were present at less than the adjusted CRQL.

Pesticide Compounds

Pesticide results were "N,CLP12" qualified whenever the percent difference between analytical column results exceeds 25% but is less than 70%. Pesticide results were qualified "U" (CLP13) at a higher reporting limit whenever a peak was present within the retention time window established on both columns for that pesticide, but the percent difference exceeded 70%. Six spiked analytes to include: alpha-BHC, delta-BHC, gamma-BHC, heptachlor, dieldrin and alpha-chlordane in the PES had percent differences exceeding 25%. Higher percent differences with the attached "N" qualifier may be indicative of a false positive result. Conversely, higher percent differences leading to "U" qualification could potentially be a false negative due

to a coelution affecting only one column.

The dieldrin and 4,4'-DDT results in sample C121007-38, and the 4,4'-DDT result in sample C121007-37 were qualified "J" (QM-3) due to poor precision observed in the MS/MSD performed for these samples.

GC/MS confirmed the presence of 4,4'-DDE in sample C121007-04 and dieldrin in sample C121007-44 and both of these results were qualified "D-1".

Due to matrix affects, the laboratory was required to dilute the sample extracts prior to the gel permeation cleanup procedure due to extract viscosity for samples C121007-02 and 22. As a result, the reporting limits for these samples are elevated even though all target analytes were present at less than the adjusted CRQL.

Data qualification factors are explained by the Region 4 - specific qualifier definitions which are included elsewhere in this report. Further details are provided in the complete data review report, which is on file in the Region 4 SESD Records Center.

cc: Nardina Turner

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

SAMPLES INCLUDED IN THIS REPORT

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID	Laboratory ID	MD#	D#	Matrix	Date Collected
BC01SF	C121007-01		6N51	Surface Soil	2/15/12 12:50
BC02SB	C121007-02		6N53	Subsurface Soil	2/15/12 13:25
BC02SF	C121007-03		6N54	Surface Soil	2/15/12 13:10
BC03SF	C121007-04		6N55	Surface Soil	2/15/12 14:00
BC04SF	C121007-05		6N56	Surface Soil	2/15/12 14:20
DH1385SF	C121007-06		6N11	Surface Soil	2/14/12 10:30
DH1389SF	C121007-07		6N12	Surface Soil	2/14/12 10:00
SF1338SF	C121007-08		6N59	Surface Soil	2/14/12 11:35
SF1340SF	C121007-09		6N13	Surface Soil	2/14/12 09:50
SF1340SFD	C121007-10		6N58	Surface Soil	2/14/12 10:35
SL1700SF	C121007-11		6N14	Surface Soil	2/15/12 10:10
SL1701SF	C121007-12		6N15	Surface Soil	2/15/12 08:55
SL1701SFS	C121007-13		6N77	Surface Soil	2/15/12 08:55
SL1701SFX	C121007-14		6N78	Surface Soil	2/15/12 09:18
SL1702SF	C121007-15		6N16	Surface Soil	2/15/12 10:33
SL1703SF	C121007-16		6N17	Surface Soil	2/15/12 09:38
SL1708SF	C121007-17		6N18	Surface Soil	2/15/12 10:50
SL1710SF	C121007-18		6N72	Surface Soil	2/15/12 12:17
SL1712SF	C121007-19		6N73	Surface Soil	2/15/12 12:40
SL1714SF	C121007-20		6N19	Surface Soil	2/15/12 13:00
SL1716SF	C121007-21		6N20	Surface Soil	2/15/12 13:17
SL1718SF	C121007-22		6N50	Surface Soil	2/15/12 13:33
SL1720SF	C121007-23		6N74	Surface Soil	2/15/12 13:50
SL1722SF	C121007-24		6N21	Surface Soil	2/15/12 10:15
SL1724SF	C121007-25		6N22	Surface Soil	2/15/12 09:55
SL1726SF	C121007-26		6N23	Surface Soil	2/15/12 09:20
SL1726SFS	C121007-27		6N76	Surface Soil	2/15/12 09:20
SL1728SF	C121007-28		6N24	Surface Soil	2/15/12 09:00
SL1732SF	C121007-29		6N25	Surface Soil	2/14/12 17:10
SL1734SF	C121007-30		6N26	Surface Soil	2/14/12 16:45
SL1736SF	C121007-31		6N27	Surface Soil	2/14/12 16:15
SL1740SF	C121007-32		6N28	Surface Soil	2/14/12 14:30
SL1740SFD	C121007-33		6N63	Surface Soil	2/14/12 14:40
SL1742SF	C121007-34		6N29	Surface Soil	2/14/12 14:05

SL1742SFX	C121007-35	6N66	Surface Soil	2/14/12 13:45
SL1748SF	C121007-36	6N30	Surface Soil	2/14/12 12:15
SL1750SF	C121007-37	6N61	Surface Soil	2/14/12 12:00
SL1752SF	C121007-38	6N57	Surface Soil	2/14/12 11:00
WA1518SF	C121007-39	6N31	Surface Soil	2/14/12 13:10
WA1518SFX	C121007-40	6N64	Surface Soil	2/14/12 13:35
WA1520SF	C121007-41	6N32	Surface Soil	2/14/12 14:05
WA1526SF	C121007-42	6N65	Surface Soil	2/14/12 14:35
WA1534SF	C121007-43	6N70	Surface Soil	2/15/12 08:55
WA1602SF	C121007-44	6N33	Surface Soil	2/14/12 15:40
WA1606SF	C121007-45	6N34	Surface Soil	2/14/12 16:25
WA1608SF	C121007-46	6N69	Surface Soil	2/14/12 16:50
WA1610SF	C121007-47	6N35	Surface Soil	2/15/12 10:00
WA1610SFX	C121007-48	6N75	Surface Soil	2/15/12 10:00
WA1614SF	C121007-49	6N36	Surface Soil	2/14/12 17:15
WA1616SF	C121007-50	6N37	Surface Soil	2/15/12 11:00
WA1618SF	C121007-51	6N71	Surface Soil	2/15/12 10:40
WA1620SF	C121007-52	6N38	Surface Soil	2/15/12 11:30
WA1620SFS	C121007-53	6N83	Surface Soil	2/15/12 11:35
WA1624SF	C121007-54	6N39	Surface Soil	2/15/12 12:00
WA1626SF	C121007-55	6N40	Surface Soil	2/14/12 17:11
WA1702SF	C121007-56	6N41	Surface Soil	2/14/12 14:50
WA1702SFD	C121007-57	6N67	Surface Soil	2/14/12 15:05
WA1702SFX	C121007-58	6N68	Surface Soil	2/14/12 15:25
WA1704SF	C121007-59	6N42	Surface Soil	2/14/12 15:45
WA1712SF	C121007-60	6N43	Surface Soil	2/14/12 16:18
WA1714SF	C121007-61	6N44	Surface Soil	2/14/12 13:50
WA1716SF	C121007-62	6N45	Surface Soil	2/14/12 13:34
WA1716SFX	C121007-63	6N62	Surface Soil	2/14/12 13:34
WA1722SF	C121007-64	6N60	Surface Soil	2/14/12 12:11
WA1728SF	C121007-65	6N46	Surface Soil	2/14/12 11:48
WA1732SF	C121007-66	6N47	Surface Soil	2/14/12 10:24
WA1734SF	C121007-67	6N48	Surface Soil	2/14/12 09:52
WA1740SF	C121007-68	6N49	Surface Soil	2/14/12 11:15

DATA QUALIFIER DEFINITIONS

U	The analyte was not detected at or above the reporting limit.
CLP01	*Concentration reported is less than the lowest standard on calibration curve*
CLP15	TIC Results Reported as Identified by Lab - IDs Not Verified
CLP16	Initial Calibration Response Erratic
CLP25	PE sample recovery scored as warning-low.
J	The identification of the analyte is acceptable; the reported value is an estimate.
N	There is presumptive evidence that the analyte is present; the analyte is reported as a tentative identification.
NJ	Presumptive evidence that analyte is present; reported as a tentative identification with an estimated value.
QC-1	Analyte concentration low in continuing calibration verification standard
QI-1	Internal standard was outside of method control limits.
QM-1	Matrix Spike Recovery less than method control limits
QM-3	Matrix Spike Precision outside method control limits
QS-3	Surrogate recovery is lower than established control limits.
QS-4	Surrogate recovery less than 10%
R	The presence or absence of the analyte can not be determined from the data due to severe quality control problems. The data are rejected and considered unusable.

ACRONYMS AND ABBREVIATIONS

CAS	Chemical Abstracts Service Note: Analytes with no known CAS identifiers have been assigned codes beginning with "E", the EPA ID as assigned by the EPA Substance Registry System (www.epa.gov/srs), or beginning with "R4-", a unique.identifier assigned by the EPA Region 4 laboratory.
MDL	Method Detection Limit - The minimum concentration of a substance (an analyte) that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero.
MRL	Minimum Reporting Limit - Analyte concentration that corresponds to the lowest demonstrated level of acceptable quantitation. The MRL is sample-specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments.
TIC	Tentatively Identified Compound - An analyte identified based on a match with the instrument software's mass spectral library. A calibration standard has not been analyzed to confirm the compound's identification or the estimated concentration reported.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: BC01SF **Lab ID: C121007-01** **MD No:**
Station ID: BC01 **Matrix: Surface Soil** **D No: 6N51 DATAC**

Date Collected: 2/15/12 12:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	28		%		2/21/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	230	U, J, CLP25	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	450	U, J, CLP16	ug/kg dry	450	2/21/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	450	U	ug/kg dry	450	2/21/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	100	J, CLP01	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	450	U	ug/kg dry	450	2/21/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	230	U, J, QS-4	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	450	U	ug/kg dry	450	2/21/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	230	U, J, QS-4, CLP16	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	230	U, J, CLP16	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	450	U, J, QC-1	ug/kg dry	450	2/21/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	450	U	ug/kg dry	450	2/21/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: BC01SF
Station ID: BC01

Lab ID: C121007-01
Matrix: Surface Soil

MD No:
D No: 6N51 DATAC

Date Collected: 2/15/12 12:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	39	J, CLP01	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	63	J, CLP01, CLP25	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	210	J, CLP01, CLP25	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	150	J, CLP01, QS-3	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	300	J, QS-3	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	29	J, CLP01, QS-3	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	92	J, CLP01, QS-3	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	27	J, CLP01	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	230	J, CLP01	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	30	J, CLP01, QS-3	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	40	J, CLP01, CLP16	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: BC01SF **Lab ID: C121007-01** **MD No:**
Station ID: BC01 **Matrix: Surface Soil** **D No: 6N51 DATAC**

Date Collected: 2/15/12 12:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
206-44-0	Fluoranthene	340		ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	230	U, J, CLP16	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	230	U, J, QS-4, CLP16	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	110	J, CLP01, QS-3	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	450	U, J, CLP16	ug/kg dry	450	2/21/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	210	J, CLP01	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	230	U	ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	400		ug/kg dry	230	2/21/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
R4-6500	Petroleum Product:		N, CLP15			2/21/12	2/24/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	5000	J, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: BC02SB **Lab ID: C121007-02** **MD No:**
Station ID: BC02 **Matrix: Subsurface Soil** **D No: 6N53 DATAC**

Date Collected: 2/15/12 13:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	16		%		2/21/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	1900	U, J, CLP25	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	3700	U, J, CLP16	ug/kg dry	3700	2/21/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	3700	U	ug/kg dry	3700	2/21/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	3700	U	ug/kg dry	3700	2/21/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	3700	U	ug/kg dry	3700	2/21/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	1900	U, J, CLP16	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	1900	U, J, CLP16	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	3700	U, J, QC-1	ug/kg dry	3700	2/21/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	3700	U	ug/kg dry	3700	2/21/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: BC02SB **Lab ID: C121007-02** **MD No:**
Station ID: BC02 **Matrix: Subsurface Soil** **D No: 6N53 DATAC**

Date Collected: 2/15/12 13:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	1900	U, J, CLP25	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	590	J, CLP01, CLP25	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	570	J, CLP01	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	810	J, CLP01	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	310	J, CLP01	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	200	J, CLP01	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	560	J, CLP01	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	1900	U, J, CLP16	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	1100	J, CLP01	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	1900	U, J, CLP16	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: BC02SB
Station ID: BC02

Lab ID: C121007-02
Matrix: Subsurface Soil

MD No:
D No: 6N53 DATAC

Date Collected: 2/15/12 13:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	1900	U, J, CLP16	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	480	J, CLP01	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	3700	U, J, CLP16	ug/kg dry	3700	2/21/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	870	J, CLP01	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	1900	U	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	1300	J, CLP01	ug/kg dry	1900	2/21/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
107-41-5	Hexylene glycol	30000	NJ, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	4000	J, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: BC02SF **Lab ID:** C121007-03 **MD No:**
Station ID: BC02 **Matrix:** Surface Soil **D No:** 6N54 DATAC

Date Collected: 2/15/12 13:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	17		%		2/21/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	190	U, J, CLP25	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	380	U, J, CLP16	ug/kg dry	380	2/21/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	380	U	ug/kg dry	380	2/21/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	58	J, CLP01	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	380	U	ug/kg dry	380	2/21/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	380	U	ug/kg dry	380	2/21/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	190	U, J, CLP16	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	190	U, J, CLP16	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	380	U, J, QC-1	ug/kg dry	380	2/21/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	380	U	ug/kg dry	380	2/21/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: BC02SF **Lab ID:** C121007-03 **MD No:**
Station ID: BC02 **Matrix:** Surface Soil **D No:** 6N54 DATAC

Date Collected: 2/15/12 13:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	37	J, CLP01	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	45	J, CLP01, CLP25	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	190	J, CLP01, CLP25	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	150	J, CLP01, QS-3	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	280	J, QS-3	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	32	J, CLP01, QS-3	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	82	J, CLP01, QS-3	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	190	J, CLP01	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	29	J, QS-3, CLP01	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	25	J, CLP01, CLP16	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: BC02SF **Lab ID: C121007-03** **MD No:**
Station ID: BC02 **Matrix: Surface Soil** **D No: 6N54 DATAC**

Date Collected: 2/15/12 13:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
206-44-0	Fluoranthene	260		ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	190	U, J, CLP16	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	190	U, J, CLP16	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	98	J, QS-3, CLP01	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	380	U, J, CLP16	ug/kg dry	380	2/21/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	130	J, CLP01	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	320		ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
R4-6500	Petroleum Product:		N, CLP15			2/21/12	2/24/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	3000	J, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: BC03SF **Lab ID:** C121007-04 **MD No:**
Station ID: BC03 **Matrix:** Surface Soil **D No:** 6N55 DATAC

Date Collected: 2/15/12 14:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	7.7		%		2/21/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	180	U, J, CLP25	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	340	U, J, CLP16	ug/kg dry	340	2/21/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	340	U, J, QS-4	ug/kg dry	340	2/21/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	340	U	ug/kg dry	340	2/21/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	340	U	ug/kg dry	340	2/21/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	180	U, J, CLP16	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	180	U, J, CLP16	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	340	U, J, QC-1	ug/kg dry	340	2/21/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	340	U	ug/kg dry	340	2/21/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: BC03SF **Lab ID: C121007-04** **MD No:**
Station ID: BC03 **Matrix: Surface Soil** **D No: 6N55 DATAC**

Date Collected: 2/15/12 14:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	40	J, CLP01, CLP25	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	180	J, CLP25	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	150	J, CLP01	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	260		ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	35	J, CLP01	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	90	J, CLP01	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	320		ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	46	J, CLP01	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	210		ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	26	J, CLP01	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	180	U, J, CLP16	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	370		ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	180	U, J, CLP16	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: BC03SF **Lab ID: C121007-04** **MD No:**
Station ID: BC03 **Matrix: Surface Soil** **D No: 6N55 DATAC**

Date Collected: 2/15/12 14:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	180	U, J, CLP16	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	99	J, CLP01	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	340	U, J, CLP16	ug/kg dry	340	2/21/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	310		ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	180	U	ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	410		ug/kg dry	180	2/21/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
107-41-5	Hexylene glycol	2000	NJ, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/21/12	2/24/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	600	J, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: BC04SF **Lab ID: C121007-05** **MD No:**

Station ID: BC04 **Matrix: Surface Soil** **D No: 6N56 DATAC**

Date Collected: 2/15/12 14:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	6.5		%		2/21/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	170	U, J, CLP25	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	340	U, J, CLP16	ug/kg dry	340	2/21/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	340	U, J, QS-4	ug/kg dry	340	2/21/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	340	U	ug/kg dry	340	2/21/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	340	U	ug/kg dry	340	2/21/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	170	U, J, CLP16	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	170	U, J, CLP16	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	340	U, J, QC-1	ug/kg dry	340	2/21/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	340	U	ug/kg dry	340	2/21/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: BC04SF **Lab ID: C121007-05** **MD No:**
Station ID: BC04 **Matrix: Surface Soil** **D No: 6N56 DATAC**

Date Collected: 2/15/12 14:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	170	U, J, CLP25	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	170	U, J, CLP25	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	170	U, J, CLP16	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	170	U, J, CLP16	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	170	U, J, CLP16	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: BC04SF **Lab ID: C121007-05** **MD No:**
Station ID: BC04 **Matrix: Surface Soil** **D No: 6N56 DATAC**

Date Collected: 2/15/12 14:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
67-72-1	Hexachloroethane	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	340	U, J, CLP16	ug/kg dry	340	2/21/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	19	J, CLP01	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	170	U	ug/kg dry	170	2/21/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
R4-6500	Petroleum Product:		N, CLP15			2/21/12	2/24/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	4000	J, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: DH1385SF **Lab ID: C121007-06** **MD No:**
Station ID: DH1385 **Matrix: Surface Soil** **D No: 6N11 DATAC**

Date Collected: 2/14/12 10:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	22		%		2/18/12	2/23/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	220	U, J, CLP25	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	420	U, J, CLP16	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	420	U, J, QS-4	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	59	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	420	U	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	220	U, J, QS-4	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	420	U	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	220	U, J, QS-4, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	220	U, J, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	420	U, J, QC-1	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	420	U	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
83-32-9	Acenaphthene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: DH1385SF **Lab ID: C121007-06** **MD No:**
Station ID: DH1385 **Matrix: Surface Soil** **D No: 6N11 DATAC**

Date Collected: 2/14/12 10:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
98-86-2	Acetophenone	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
120-12-7	Anthracene	220	U, J, CLP25	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
1912-24-9	Atrazine	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	83	J, CLP01, CLP25	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	86	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	180	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	32	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	56	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
105-60-2	Caprolactam	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
86-74-8	Carbazole	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
218-01-9	Chrysene	120	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	220	U, J, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
206-44-0	Fluoranthene	120	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
86-73-7	Fluorene	220	U, J, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: DH1385SF **Lab ID: C121007-06** **MD No:**
Station ID: DH1385 **Matrix: Surface Soil** **D No: 6N11 DATAC**

Date Collected: 2/14/12 10:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	220	U, J, QS-4, CLP16, QC-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	66	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
78-59-1	Isophorone	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
91-20-3	Naphthalene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	420	U, J, CLP16	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
85-01-8	Phenanthrene	92	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
108-95-2	Phenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
129-00-0	Pyrene	190	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
83-47-6	.gamma.-Sitosterol	900	NJ, CLP15	ug/kg dry		2/18/12	2/23/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/18/12	2/23/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	20000	J, CLP15	ug/kg dry		2/18/12	2/23/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: DH1389SF **Lab ID: C121007-07** **MD No:**

Station ID: DH1389 **Matrix: Surface Soil** **D No: 6N12 DATAC**

Date Collected: 2/14/12 10:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	24		%		2/18/12	2/22/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	220	U, J, CLP25	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	430	U, J, QC-1, CLP16	ug/kg dry	430	2/18/12	2/22/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	430	U, J, QS-4	ug/kg dry	430	2/18/12	2/22/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	120	J, CLP01	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	430	U	ug/kg dry	430	2/18/12	2/22/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	220	U, J, QC-1, QS-4	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	430	U	ug/kg dry	430	2/18/12	2/22/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	220	U, J, QS-4, CLP16	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	220	U, J, CLP16	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	430	U, J, QC-1	ug/kg dry	430	2/18/12	2/22/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: DH1389SF **Lab ID: C121007-07** **MD No:**
Station ID: DH1389 **Matrix: Surface Soil** **D No: 6N12 DATAC**

Date Collected: 2/14/12 10:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-02-7	4-Nitrophenol	430	U	ug/kg dry	430	2/18/12	2/22/12	CLP SOM01.2 B
83-32-9	Acenaphthene	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
208-96-8	Acenaphthylene	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
98-86-2	Acetophenone	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
120-12-7	Anthracene	220	U, J, CLP25	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
1912-24-9	Atrazine	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	120	J, CLP01, CLP25	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	100	J, CLP01, QS-3	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	180	J, CLP01, QS-3	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	45	J, CLP01, QS-3	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	42	J, CLP01, QS-3	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	770		ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
105-60-2	Caprolactam	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
86-74-8	Carbazole	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
218-01-9	Chrysene	130	J, CLP01	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	220	U, J, QS-3	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	35	J, CLP01, CLP16	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: DH1389SF **Lab ID: C121007-07** **MD No:**
Station ID: DH1389 **Matrix: Surface Soil** **D No: 6N12 DATAC**

Date Collected: 2/14/12 10:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
117-84-0	Di-n-octylphthalate	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
206-44-0	Fluoranthene	200	J, CLP01	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
86-73-7	Fluorene	220	U, J, CLP16	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	220	U, J, QC-1, QS-4, CLP16	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	87	J, CLP01, QS-3	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
78-59-1	Isophorone	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
91-20-3	Naphthalene	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	430	U, J, QC-1, CLP16	ug/kg dry	430	2/18/12	2/22/12	CLP SOM01.2 B
85-01-8	Phenanthrene	180	J, CLP01	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
108-95-2	Phenol	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
129-00-0	Pyrene	240		ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
22513-81-1	1,22-Docosanediol	300	NJ, CLP15	ug/kg dry		2/18/12	2/22/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/18/12	2/22/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	20000	J, CLP15	ug/kg dry		2/18/12	2/22/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SF1338SF **Lab ID: C121007-08** **MD No:**

Station ID: SF1338 **Matrix: Surface Soil** **D No: 6N59 DATAC**

Date Collected: 2/14/12 11:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	26		%		2/21/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	220	U, J, CLP25	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	440	U, J, CLP16	ug/kg dry	440	2/21/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	440	U	ug/kg dry	440	2/21/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	34	J, CLP01	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	440	U	ug/kg dry	440	2/21/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	220	U, J, QS-4	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	440	U	ug/kg dry	440	2/21/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	220	U, J, QS-4, CLP16	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	220	U, J, CLP16	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	440	U, J, QC-1	ug/kg dry	440	2/21/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	440	U	ug/kg dry	440	2/21/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SF1338SF **Lab ID: C121007-08** **MD No:**
Station ID: SF1338 **Matrix: Surface Soil** **D No: 6N59 DATAC**

Date Collected: 2/14/12 11:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	220	U, J, CLP25	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	150	J, CLP01, CLP25	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	150	J, CLP01	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	260		ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	26	J, CLP01	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	80	J, CLP01	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	170	J, CLP01	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	23	J, CLP01	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	220	U, J, CLP16	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	290		ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	220	U, J, CLP16	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SF1338SF **Lab ID: C121007-08** **MD No:**
Station ID: SF1338 **Matrix: Surface Soil** **D No: 6N59 DATAC**

Date Collected: 2/14/12 11:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	220	U, J, QS-4, CLP16	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	88	J, CLP01	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	440	U, J, CLP16	ug/kg dry	440	2/21/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	140	J, CLP01	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	340		ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
192-97-2	Benzo[e]pyrene	300	NJ, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/21/12	2/24/12	CLP SOM01.2 B
7683-64-9	Squalene	200	NJ, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	4000	J, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SF1340SF **Lab ID: C121007-09** **MD No:**
Station ID: SF1340 **Matrix: Surface Soil** **D No: 6N13 DATAC**

Date Collected: 2/14/12 9:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	20		%		2/18/12	2/22/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	210	U, J, CLP25	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	410	U, J, QC-1, CLP16	ug/kg dry	410	2/18/12	2/22/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	410	U, J, QS-4	ug/kg dry	410	2/18/12	2/22/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	410	U	ug/kg dry	410	2/18/12	2/22/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	210	U, J, QC-1, QS-4	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	410	U	ug/kg dry	410	2/18/12	2/22/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	210	U, J, QS-4, CLP16	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	210	U, J, CLP16	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	410	U, J, QC-1	ug/kg dry	410	2/18/12	2/22/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: SF1340SF

Station ID: SF1340

Lab ID: C121007-09

Matrix: Surface Soil

MD No:

D No: 6N13 DATAC

Date Collected: 2/14/12 9:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-02-7	4-Nitrophenol	410	U	ug/kg dry	410	2/18/12	2/22/12	CLP SOM01.2 B
83-32-9	Acenaphthene	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
208-96-8	Acenaphthylene	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
98-86-2	Acetophenone	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
120-12-7	Anthracene	23	J, CLP01, CLP25	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
1912-24-9	Atrazine	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	200	J, CLP01, CLP25	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	180	J, CLP01	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	290		ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	55	J, CLP01	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	110	J, CLP01	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
105-60-2	Caprolactam	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
86-74-8	Carbazole	22	J, CLP01	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
218-01-9	Chrysene	230		ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	32	J, CLP01	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	210	U, J, CLP16	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
206-44-0	Fluoranthene	450		ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
86-73-7	Fluorene	210	U, J, CLP16	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SF1340SF **Lab ID: C121007-09** **MD No:**

Station ID: SF1340 **Matrix: Surface Soil** **D No: 6N13 DATAC**

Date Collected: 2/14/12 9:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
118-74-1	Hexachlorobenzene (HCB)	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	210	U, J, QC-1, QS-4, CLP16	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	140	J, CLP01	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
78-59-1	Isophorone	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
91-20-3	Naphthalene	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	410	U, J, QC-1, CLP16	ug/kg dry	410	2/18/12	2/22/12	CLP SOM01.2 B
85-01-8	Phenanthrene	180	J, CLP01	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
108-95-2	Phenol	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
129-00-0	Pyrene	470		ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
R4-6500	Petroleum Product:		N, CLP15			2/18/12	2/22/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	20000	J, CLP15	ug/kg dry		2/18/12	2/22/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: SF1340SFD

Station ID: SF1340

Lab ID: C121007-10

Matrix: Surface Soil

MD No:

D No: 6N58 DATAC

Date Collected: 2/14/12 10:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	26		%		2/21/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	2300	U, J, CLP25	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	4400	U, J, CLP16	ug/kg dry	4400	2/21/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	4400	U	ug/kg dry	4400	2/21/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	4400	U	ug/kg dry	4400	2/21/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	4400	U	ug/kg dry	4400	2/21/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	2300	U, J, CLP16	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	2300	U, J, CLP16	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	4400	U, J, QC-1	ug/kg dry	4400	2/21/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	4400	U	ug/kg dry	4400	2/21/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SF1340SFD **Lab ID: C121007-10** **MD No:**
Station ID: SF1340 **Matrix: Surface Soil** **D No: 6N58 DATAC**

Date Collected: 2/14/12 10:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	2300	U, J, CLP25	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	800	J, CLP01, CLP25	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	700	J, CLP01	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	980	J, CLP01	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	290	J, CLP01	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	320	J, CLP01	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	880	J, CLP01	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	2300	U, J, CLP16	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	1500	J, CLP01	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	2300	U, J, CLP16	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SF1340SFD **Lab ID: C121007-10** **MD No:**
Station ID: SF1340 **Matrix: Surface Soil** **D No: 6N58 DATAC**

Date Collected: 2/14/12 10:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	2300	U, J, CLP16	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	610	J, CLP01	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	4400	U, J, CLP16	ug/kg dry	4400	2/21/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	700	J, CLP01	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	2300	U	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	1900	J, CLP01	ug/kg dry	2300	2/21/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
107-41-5	Hexylene glycol	8000	NJ, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/21/12	2/24/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	2000	J, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1700SF **Lab ID: C121007-11** **MD No:**
Station ID: SL1700 **Matrix: Surface Soil** **D No: 6N14 DATAC**

Date Collected: 2/15/12 10:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	22		%		2/18/12	2/22/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	210	U, J, CLP25	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	420	U, J, QC-1, CLP16	ug/kg dry	420	2/18/12	2/22/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	420	U	ug/kg dry	420	2/18/12	2/22/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	23	J, CLP01	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	420	U	ug/kg dry	420	2/18/12	2/22/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	210	U, J, QC-1, QS-4	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	420	U	ug/kg dry	420	2/18/12	2/22/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	210	U, J, QS-4, CLP16	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	210	U, J, CLP16	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	420	U, J, QC-1	ug/kg dry	420	2/18/12	2/22/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1700SF **Lab ID: C121007-11** **MD No:**
Station ID: SL1700 **Matrix: Surface Soil** **D No: 6N14 DATAC**

Date Collected: 2/15/12 10:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-02-7	4-Nitrophenol	420	U	ug/kg dry	420	2/18/12	2/22/12	CLP SOM01.2 B
83-32-9	Acenaphthene	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
208-96-8	Acenaphthylene	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
98-86-2	Acetophenone	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
120-12-7	Anthracene	25	J, CLP01, CLP25	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
1912-24-9	Atrazine	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	140	J, CLP01, CLP25	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	140	J, QS-3, CLP01	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	210	J, CLP01, QS-3	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	26	J, CLP01, QS-3	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	60	J, CLP01, QS-3	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
105-60-2	Caprolactam	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
86-74-8	Carbazole	32	J, CLP01	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
218-01-9	Chrysene	160	J, CLP01	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	24	J, CLP01, QS-3	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	210	U, J, CLP16	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1700SF **Lab ID: C121007-11** **MD No:**
Station ID: SL1700 **Matrix: Surface Soil** **D No: 6N14 DATAC**

Date Collected: 2/15/12 10:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
84-74-2	Di-n-butylphthalate	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
206-44-0	Fluoranthene	290		ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
86-73-7	Fluorene	210	U, J, CLP16	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	210	U, J, QC-1, QS-4, CLP16	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	91	J, CLP01, QS-3	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
78-59-1	Isophorone	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
91-20-3	Naphthalene	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	420	U, J, QC-1, CLP16	ug/kg dry	420	2/18/12	2/22/12	CLP SOM01.2 B
85-01-8	Phenanthrene	200	J, CLP01	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
108-95-2	Phenol	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
129-00-0	Pyrene	330		ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
83-46-5	.beta.-Sitosterol	800	NJ, CLP15	ug/kg dry		2/18/12	2/22/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/18/12	2/22/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	20000	J, CLP15	ug/kg dry		2/18/12	2/22/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1701SF **Lab ID: C121007-12** **MD No:**
Station ID: SL1701 **Matrix: Surface Soil** **D No: 6N15 DATAC**

Date Collected: 2/15/12 8:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	23		%		2/18/12	2/22/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	220	U, J, CLP25	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	420	U, J, QC-1, CLP16	ug/kg dry	420	2/18/12	2/22/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	420	U	ug/kg dry	420	2/18/12	2/22/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	420	U	ug/kg dry	420	2/18/12	2/22/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	220	U, J, QC-1, QS-4	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	420	U	ug/kg dry	420	2/18/12	2/22/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	220	U, J, QS-4, CLP16	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	220	U, J, CLP16	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	420	U, J, QC-1	ug/kg dry	420	2/18/12	2/22/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1701SF **Lab ID: C121007-12** **MD No:**
Station ID: SL1701 **Matrix: Surface Soil** **D No: 6N15 DATAC**

Date Collected: 2/15/12 8:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-02-7	4-Nitrophenol	420	U	ug/kg dry	420	2/18/12	2/22/12	CLP SOM01.2 B
83-32-9	Acenaphthene	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
208-96-8	Acenaphthylene	22	J, CLP01	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
98-86-2	Acetophenone	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
120-12-7	Anthracene	23	J, CLP01, CLP25	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
1912-24-9	Atrazine	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	110	J, CLP01, CLP25	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	110	J, CLP01	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	190	J, CLP01	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	38	J, CLP01	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	61	J, CLP01	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
105-60-2	Caprolactam	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
86-74-8	Carbazole	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
218-01-9	Chrysene	120	J, CLP01	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	220	U, J, CLP16	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
206-44-0	Fluoranthene	170	J, CLP01	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
86-73-7	Fluorene	220	U, J, CLP16	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1701SF **Lab ID: C121007-12** **MD No:**
Station ID: SL1701 **Matrix: Surface Soil** **D No: 6N15 DATAC**

Date Collected: 2/15/12 8:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
118-74-1	Hexachlorobenzene (HCB)	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	220	U, J, QC-1, QS-4, CLP16	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	63	J, CLP01	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
78-59-1	Isophorone	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
91-20-3	Naphthalene	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	420	U, J, QC-1, CLP16	ug/kg dry	420	2/18/12	2/22/12	CLP SOM01.2 B
85-01-8	Phenanthrene	120	J, CLP01	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
108-95-2	Phenol	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
129-00-0	Pyrene	210	J, CLP01	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
R4-6500	Petroleum Product:		N, CLP15			2/18/12	2/22/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	10000	J, CLP15	ug/kg dry		2/18/12	2/22/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1701SFS **Lab ID: C121007-13** **MD No:**
Station ID: SL1701 **Matrix: Surface Soil** **D No: 6N77 DATAC**

Date Collected: 2/15/12 8:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	19		%		2/21/12	2/27/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	210	U, J, CLP25	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	410	U, J, CLP16	ug/kg dry	410	2/21/12	2/27/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	410	U	ug/kg dry	410	2/21/12	2/27/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	24	J, CLP01	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	410	U	ug/kg dry	410	2/21/12	2/27/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	210	U, J, QS-4	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	410	U	ug/kg dry	410	2/21/12	2/27/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	210	U, J, QS-4	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	410	U	ug/kg dry	410	2/21/12	2/27/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	410	U	ug/kg dry	410	2/21/12	2/27/12	CLP SOM01.2 B
83-32-9	Acenaphthene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1701SFS **Lab ID:** C121007-13 **MD No:**
Station ID: SL1701 **Matrix:** Surface Soil **D No:** 6N77 DATAC

Date Collected: 2/15/12 8:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
98-86-2	Acetophenone	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
120-12-7	Anthracene	210	U, J, CLP25	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
1912-24-9	Atrazine	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	100	J, CLP01, CLP25	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	93	J, CLP01	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	160	J, CLP01	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	49	J, CLP01	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
105-60-2	Caprolactam	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
86-74-8	Carbazole	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
218-01-9	Chrysene	130	J, CLP01	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
206-44-0	Fluoranthene	170	J, CLP01	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
86-73-7	Fluorene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: SL1701SFS
Station ID: SL1701

Lab ID: C121007-13
Matrix: Surface Soil

MD No:
D No: 6N77 DATAC

Date Collected: 2/15/12 8:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	210	U, J, QS-4, CLP16	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	43	J, CLP01	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
78-59-1	Isophorone	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
91-20-3	Naphthalene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	410	U, J, CLP16	ug/kg dry	410	2/21/12	2/27/12	CLP SOM01.2 B
85-01-8	Phenanthrene	100	J, CLP01	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
108-95-2	Phenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
129-00-0	Pyrene	190	J, CLP01	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
83-47-6	.gamma.-Sitosterol	400	NJ, CLP15	ug/kg dry		2/21/12	2/27/12	CLP SOM01.2 B
481-39-0	1,4-Naphthalenedione, 5-hydroxy-	500	NJ, CLP15	ug/kg dry		2/21/12	2/27/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/21/12	2/27/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	2000	J, CLP15	ug/kg dry		2/21/12	2/27/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1701SFX **Lab ID:** C121007-14 **MD No:**
Station ID: SL1701X **Matrix:** Surface Soil **D No:** 6N78 DATAC

Date Collected: 2/15/12 9:18

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	22		%		2/21/12	2/27/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	210	U, R, QS-4	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	210	U, J, CLP25	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	210	U, R, QS-4	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	400	U, J, CLP16	ug/kg dry	400	2/21/12	2/27/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	400	U	ug/kg dry	400	2/21/12	2/27/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	210	U, R, QS-4	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	400	U	ug/kg dry	400	2/21/12	2/27/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	210	U, R, QS-4	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	400	U	ug/kg dry	400	2/21/12	2/27/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	210	U, R, QS-4	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	400	U	ug/kg dry	400	2/21/12	2/27/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	400	U	ug/kg dry	400	2/21/12	2/27/12	CLP SOM01.2 B
83-32-9	Acenaphthene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1701SFX **Lab ID: C121007-14** **MD No:**

Station ID: SL1701X **Matrix: Surface Soil** **D No: 6N78 DATAC**

Date Collected: 2/15/12 9:18

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
98-86-2	Acetophenone	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
120-12-7	Anthracene	210	U, J, CLP25	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
1912-24-9	Atrazine	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	71	J, CLP01, CLP25	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	70	J, CLP01	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	110	J, CLP01	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	34	J, CLP01	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
105-60-2	Caprolactam	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
86-74-8	Carbazole	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
218-01-9	Chrysene	96	J, CLP01	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
206-44-0	Fluoranthene	120	J, CLP01	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
86-73-7	Fluorene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: SL1701SFX

Station ID: SL1701X

Lab ID: C121007-14

Matrix: Surface Soil

MD No:

D No: 6N78 DATAC

Date Collected: 2/15/12 9:18

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	210	U, R, QS-4, CLP16	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	34	J, CLP01	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
78-59-1	Isophorone	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
91-20-3	Naphthalene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	400	U, J, CLP16	ug/kg dry	400	2/21/12	2/27/12	CLP SOM01.2 B
85-01-8	Phenanthrene	66	J, CLP01	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
108-95-2	Phenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
129-00-0	Pyrene	120	J, CLP01	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
83-46-5	.beta.-Sitosterol	300	NJ, CLP15	ug/kg dry		2/21/12	2/27/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/21/12	2/27/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	1000	J, CLP15	ug/kg dry		2/21/12	2/27/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1702SF **Lab ID: C121007-15** **MD No:**
Station ID: SL1702 **Matrix: Surface Soil** **D No: 6N16 DATAC**

Date Collected: 2/15/12 10:33

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	26		%		2/18/12	2/22/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	230	U, J, CLP25	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	440	U, J, QC-1, CLP16	ug/kg dry	440	2/18/12	2/22/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	440	U	ug/kg dry	440	2/18/12	2/22/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	25	J, CLP01	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	440	U	ug/kg dry	440	2/18/12	2/22/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	230	U, J, QC-1, QS-4	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	440	U	ug/kg dry	440	2/18/12	2/22/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	230	U, J, QS-4, CLP16	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	230	U, J, CLP16	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	440	U, J, QC-1	ug/kg dry	440	2/18/12	2/22/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1702SF **Lab ID: C121007-15** **MD No:**
Station ID: SL1702 **Matrix: Surface Soil** **D No: 6N16 DATAC**

Date Collected: 2/15/12 10:33

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-02-7	4-Nitrophenol	440	U	ug/kg dry	440	2/18/12	2/22/12	CLP SOM01.2 B
83-32-9	Acenaphthene	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
208-96-8	Acenaphthylene	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
98-86-2	Acetophenone	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
120-12-7	Anthracene	230	U, J, CLP25	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
1912-24-9	Atrazine	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	75	J, CLP01, CLP25	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	71	J, CLP01	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	120	J, CLP01	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	24	J, CLP01	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	41	J, CLP01	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
105-60-2	Caprolactam	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
86-74-8	Carbazole	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
218-01-9	Chrysene	83	J, CLP01	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	230	U, J, CLP16	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
206-44-0	Fluoranthene	120	J, CLP01	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
86-73-7	Fluorene	230	U, J, CLP16	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1702SF **Lab ID:** C121007-15 **MD No:**
Station ID: SL1702 **Matrix:** Surface Soil **D No:** 6N16 DATAC

Date Collected: 2/15/12 10:33

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
118-74-1	Hexachlorobenzene (HCB)	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	230	U, J, QC-1, QS-4, CLP16	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	45	J, CLP01	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
78-59-1	Isophorone	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
91-20-3	Naphthalene	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	440	U, J, QC-1, CLP16	ug/kg dry	440	2/18/12	2/22/12	CLP SOM01.2 B
85-01-8	Phenanthrene	96	J, CLP01	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
108-95-2	Phenol	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
129-00-0	Pyrene	160	J, CLP01	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
R4-6500	Petroleum Product:		N, CLP15			2/18/12	2/22/12	CLP SOM01.2 B
7683-64-9	Squalene	300	NJ, CLP15	ug/kg dry		2/18/12	2/22/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	20000	J, CLP15	ug/kg dry		2/18/12	2/22/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1703SF **Lab ID: C121007-16** **MD No:**
Station ID: SL1703 **Matrix: Surface Soil** **D No: 6N17 DATAC**

Date Collected: 2/15/12 9:38

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	24		%		2/18/12	2/23/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	220	U, J, CLP25	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	430	U, J, CLP16	ug/kg dry	430	2/18/12	2/23/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	430	U	ug/kg dry	430	2/18/12	2/23/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	430	U	ug/kg dry	430	2/18/12	2/23/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	220	U, R, QS-4	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	430	U	ug/kg dry	430	2/18/12	2/23/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	220	U, R, QS-4, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	220	U, J, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	430	U, J, QC-1	ug/kg dry	430	2/18/12	2/23/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	430	U	ug/kg dry	430	2/18/12	2/23/12	CLP SOM01.2 B
83-32-9	Acenaphthene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1703SF **Lab ID:** C121007-16 **MD No:**
Station ID: SL1703 **Matrix:** Surface Soil **D No:** 6N17 DATAC

Date Collected: 2/15/12 9:38

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
98-86-2	Acetophenone	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
120-12-7	Anthracene	220	U, J, CLP25	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
1912-24-9	Atrazine	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	75	J, CLP01, CLP25	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	82	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	140	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	45	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	46	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
105-60-2	Caprolactam	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
86-74-8	Carbazole	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
218-01-9	Chrysene	96	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	220	U, J, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
206-44-0	Fluoranthene	110	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
86-73-7	Fluorene	220	U, J, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: SL1703SF

Station ID: SL1703

Lab ID: C121007-16

Matrix: Surface Soil

MD No:

D No: 6N17 DATAC

Date Collected: 2/15/12 9:38

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	220	U, R, QC-1, QS-4, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	71	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
78-59-1	Isophorone	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
91-20-3	Naphthalene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	430	U, J, CLP16	ug/kg dry	430	2/18/12	2/23/12	CLP SOM01.2 B
85-01-8	Phenanthrene	78	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
108-95-2	Phenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
129-00-0	Pyrene	150	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
83-46-5	.beta.-Sitosterol	600	NJ, CLP15	ug/kg dry		2/18/12	2/23/12	CLP SOM01.2 B
301-02-0	9-Octadecenamide, (Z)-	300	NJ, CLP15	ug/kg dry		2/18/12	2/23/12	CLP SOM01.2 B
112-39-0	Hexadecanoic acid, methyl ester	200	NJ, CLP15	ug/kg dry		2/18/12	2/23/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/18/12	2/23/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	20000	J, CLP15	ug/kg dry		2/18/12	2/23/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1708SF **Lab ID: C121007-17** **MD No:**
Station ID: SL1708 **Matrix: Surface Soil** **D No: 6N18 DATAC**

Date Collected: 2/15/12 10:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	24		%		2/18/12	2/23/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	210	U, J, CLP25	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	420	U, J, CLP16	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	420	U	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	23	J, CLP01	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	420	U	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	210	U, R, QS-4	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	420	U	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	210	U, R, QS-4, CLP16	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	210	U, J, CLP16	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	420	U, J, QC-1	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	420	U	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
83-32-9	Acenaphthene	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: SL1708SF

Station ID: SL1708

Lab ID: C121007-17

Matrix: Surface Soil

MD No:

D No: 6N18 DATAC

Date Collected: 2/15/12 10:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
98-86-2	Acetophenone	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
120-12-7	Anthracene	23	J, CLP01, CLP25	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
1912-24-9	Atrazine	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	150	J, CLP01, CLP25	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	140	J, CLP01, QS-3	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	250	J, QS-3	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	51	J, CLP01, QS-3	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	76	J, CLP01, QS-3	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
105-60-2	Caprolactam	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
86-74-8	Carbazole	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
218-01-9	Chrysene	180	J, CLP01	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	22	J, CLP01, QS-3	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	210	U, J, CLP16	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
206-44-0	Fluoranthene	240		ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1708SF **Lab ID: C121007-17** **MD No:**
Station ID: SL1708 **Matrix: Surface Soil** **D No: 6N18 DATAC**

Date Collected: 2/15/12 10:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
86-73-7	Fluorene	210	U, J, CLP16	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	210	U, R, QC-1, QS-4, CLP16	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	80	J, CLP01, QS-3	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
78-59-1	Isophorone	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
91-20-3	Naphthalene	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	420	U, J, CLP16	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
85-01-8	Phenanthrene	110	J, CLP01	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
108-95-2	Phenol	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
129-00-0	Pyrene	290		ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
R4-6500	Petroleum Product:		N, CLP15			2/18/12	2/23/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	10000	J, CLP15	ug/kg dry		2/18/12	2/23/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: SL1710SF
Station ID: SL1710

Lab ID: C121007-18
Matrix: Surface Soil

MD No:
D No: 6N72 DATAC

Date Collected: 2/15/12 12:17

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	22		%		2/21/12	2/27/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	220	U, J, CLP25	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	420	U, J, CLP16	ug/kg dry	420	2/21/12	2/27/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	420	U	ug/kg dry	420	2/21/12	2/27/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	33	J, CLP01	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	420	U	ug/kg dry	420	2/21/12	2/27/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	220	U, J, QS-4	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	420	U	ug/kg dry	420	2/21/12	2/27/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	220	U, J, QS-4, CLP16	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	220	U, J, CLP16	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	420	U	ug/kg dry	420	2/21/12	2/27/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	420	U	ug/kg dry	420	2/21/12	2/27/12	CLP SOM01.2 B
83-32-9	Acenaphthene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1710SF **Lab ID: C121007-18** **MD No:**
Station ID: SL1710 **Matrix: Surface Soil** **D No: 6N72 DATAC**

Date Collected: 2/15/12 12:17

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
98-86-2	Acetophenone	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
120-12-7	Anthracene	220	U, J, CLP25	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
1912-24-9	Atrazine	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	130	J, CLP01, CLP25	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	110	J, CLP01	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	200	J, CLP01	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	70	J, CLP01	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	440		ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
105-60-2	Caprolactam	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
86-74-8	Carbazole	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
218-01-9	Chrysene	140	J, CLP01	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	220	U, J, CLP16	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
206-44-0	Fluoranthene	190	J, CLP01	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
86-73-7	Fluorene	220	U, J, CLP16	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: SL1710SF
Station ID: SL1710

Lab ID: C121007-18
Matrix: Surface Soil

MD No:
D No: 6N72 DATAC

Date Collected: 2/15/12 12:17

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	220	U, J, QS-4, CLP16	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	78	J, CLP01	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
78-59-1	Isophorone	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
91-20-3	Naphthalene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	420	U, J, CLP16, QC-1	ug/kg dry	420	2/21/12	2/27/12	CLP SOM01.2 B
85-01-8	Phenanthrene	110	J, CLP01	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
108-95-2	Phenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
129-00-0	Pyrene	220		ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
107-41-5	Hexylene glycol	5000	NJ, CLP15	ug/kg dry		2/21/12	2/27/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/21/12	2/27/12	CLP SOM01.2 B
7683-64-9	Squalene	3000	NJ, CLP15	ug/kg dry		2/21/12	2/27/12	CLP SOM01.2 B
544-63-8	Tetradecanoic Acid	200	NJ, CLP15	ug/kg dry		2/21/12	2/27/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	5000	J, CLP15	ug/kg dry		2/21/12	2/27/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1712SF **Lab ID: C121007-19** **MD No:**
Station ID: SL1712 **Matrix: Surface Soil** **D No: 6N73 DATAC**

Date Collected: 2/15/12 12:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	22		%		2/21/12	2/27/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	220	U, J, CLP25	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	420	U, J, CLP16	ug/kg dry	420	2/21/12	2/27/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	420	U	ug/kg dry	420	2/21/12	2/27/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	39	J, CLP01	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	420	U	ug/kg dry	420	2/21/12	2/27/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	220	U, R, QS-4	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	420	U	ug/kg dry	420	2/21/12	2/27/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	220	U, R, QS-4	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	420	U	ug/kg dry	420	2/21/12	2/27/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	420	U	ug/kg dry	420	2/21/12	2/27/12	CLP SOM01.2 B
83-32-9	Acenaphthene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: SL1712SF
Station ID: SL1712

Lab ID: C121007-19
Matrix: Surface Soil

MD No:
D No: 6N73 DATAC

Date Collected: 2/15/12 12:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
98-86-2	Acetophenone	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
120-12-7	Anthracene	220	U, J, CLP25	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
1912-24-9	Atrazine	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	110	J, CLP01, CLP25	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	97	J, CLP01, QS-3	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	160	J, CLP01, QS-3	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	220	U, J, QS-3	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	46	J, CLP01, QS-3	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	330		ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
105-60-2	Caprolactam	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
86-74-8	Carbazole	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
218-01-9	Chrysene	140	J, CLP01	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	220	U, J, QS-3	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
206-44-0	Fluoranthene	220		ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
86-73-7	Fluorene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1712SF **Lab ID:** C121007-19 **MD No:**
Station ID: SL1712 **Matrix:** Surface Soil **D No:** 6N73 DATAC

Date Collected: 2/15/12 12:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
118-74-1	Hexachlorobenzene (HCB)	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	220	U, R, QS-4, CLP16	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	51	J, CLP01, QS-3	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
78-59-1	Isophorone	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
91-20-3	Naphthalene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	420	U, J, CLP16	ug/kg dry	420	2/21/12	2/27/12	CLP SOM01.2 B
85-01-8	Phenanthrene	130	J, CLP01	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
108-95-2	Phenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
129-00-0	Pyrene	210	J, CLP01	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
83-46-5	.beta.-Sitosterol	400	NJ, CLP15	ug/kg dry		2/21/12	2/27/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/21/12	2/27/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	2000	J, CLP15	ug/kg dry		2/21/12	2/27/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1714SF **Lab ID:** C121007-20 **MD No:**
Station ID: SL1714 **Matrix:** Surface Soil **D No:** 6N19 DATAC

Date Collected: 2/15/12 13:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	24		%		2/18/12	2/23/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	220	U, J, CLP25	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	430	U, J, CLP16	ug/kg dry	430	2/18/12	2/23/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	430	U	ug/kg dry	430	2/18/12	2/23/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	30	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	430	U	ug/kg dry	430	2/18/12	2/23/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	220	U, R, QI-1, QS-4	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	430	U	ug/kg dry	430	2/18/12	2/23/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	220	U, R, QS-4, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	220	U, J, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	430	U, J, QC-1	ug/kg dry	430	2/18/12	2/23/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	430	U	ug/kg dry	430	2/18/12	2/23/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1714SF **Lab ID: C121007-20** **MD No:**
Station ID: SL1714 **Matrix: Surface Soil** **D No: 6N19 DATAC**

Date Collected: 2/15/12 13:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
83-32-9	Acenaphthene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
208-96-8	Acenaphthylene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
98-86-2	Acetophenone	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
120-12-7	Anthracene	33	J, CLP01, CLP25	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
1912-24-9	Atrazine	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	220	J, CLP01, QI-1, CLP25	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	230	J, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	370	J, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	91	J, CLP01, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	130	J, CLP01, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	220	U, J, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	400	J, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
105-60-2	Caprolactam	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
86-74-8	Carbazole	28	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
218-01-9	Chrysene	230	J, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	31	J, CLP01, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	220	U, J, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	970		ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	220	U, J, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
206-44-0	Fluoranthene	290		ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
86-73-7	Fluorene	220	U, J, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: SL1714SF

Station ID: SL1714

Lab ID: C121007-20

Matrix: Surface Soil

MD No:

D No: 6N19 DATAC

Date Collected: 2/15/12 13:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
87-68-3	Hexachlorobutadiene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	220	U, R, QC-1, QS-4, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	94	J, CLP01, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
78-59-1	Isophorone	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
91-20-3	Naphthalene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	430	U, J, CLP16	ug/kg dry	430	2/18/12	2/23/12	CLP SOM01.2 B
85-01-8	Phenanthrene	150	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
108-95-2	Phenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
129-00-0	Pyrene	410	J, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
301-02-0	9-Octadecenamide, (Z)-	10000	NJ, CLP15	ug/kg dry		2/18/12	2/23/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/18/12	2/23/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	5000	J, CLP15	ug/kg dry		2/18/12	2/23/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1716SF **Lab ID: C121007-21** **MD No:**

Station ID: SL1716 **Matrix: Surface Soil** **D No: 6N20 DATAC**

Date Collected: 2/15/12 13:17

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	23		%		2/18/12	2/23/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	220	U, J, CLP25	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	420	U, J, CLP16	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	420	U	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	40	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	420	U	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	220	U, R, QS-4	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	420	U	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	220	U, R, QS-4, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	220	U, J, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	420	U, J, QC-1	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	420	U	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
83-32-9	Acenaphthene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1716SF **Lab ID: C121007-21** **MD No:**

Station ID: SL1716 **Matrix: Surface Soil** **D No: 6N20 DATAC**

Date Collected: 2/15/12 13:17

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
98-86-2	Acetophenone	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
120-12-7	Anthracene	220	U, J, CLP25	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
1912-24-9	Atrazine	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	100	J, CLP01, CLP25	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	99	J, CLP01, QS-3	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	170	J, CLP01, QS-3	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	38	J, CLP01, QS-3	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	43	J, CLP01, QS-3	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
105-60-2	Caprolactam	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
86-74-8	Carbazole	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
218-01-9	Chrysene	120	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	220	U, J, QS-3	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	220	U, J, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
206-44-0	Fluoranthene	140	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1716SF **Lab ID: C121007-21** **MD No:**
Station ID: SL1716 **Matrix: Surface Soil** **D No: 6N20 DATAC**

Date Collected: 2/15/12 13:17

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
86-73-7	Fluorene	220	U, J, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	220	U, R, QC-1, QS-4, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	57	J, CLP01, QS-3	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
78-59-1	Isophorone	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
91-20-3	Naphthalene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	420	U, J, CLP16	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
85-01-8	Phenanthrene	99	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
108-95-2	Phenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
129-00-0	Pyrene	180	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
R4-6500	Petroleum Product:		N, CLP15			2/18/12	2/23/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	10000	J, CLP15	ug/kg dry		2/18/12	2/23/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1718SF **Lab ID:** C121007-22 **MD No:**
Station ID: SL1718 **Matrix:** Surface Soil **D No:** 6N50 DATAC

Date Collected: 2/15/12 13:33

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	22		%		2/21/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	2100	U, J, CLP25	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	4100	U, J, CLP16	ug/kg dry	4100	2/21/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	4100	U	ug/kg dry	4100	2/21/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	4100	U	ug/kg dry	4100	2/21/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	4100	U	ug/kg dry	4100	2/21/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	2100	U, J, CLP16	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	2100	U, J, CLP16	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	4100	U, J, QC-1	ug/kg dry	4100	2/21/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	4100	U	ug/kg dry	4100	2/21/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1718SF **Lab ID: C121007-22** **MD No:**
Station ID: SL1718 **Matrix: Surface Soil** **D No: 6N50 DATAC**

Date Collected: 2/15/12 13:33

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	2100	U, J, CLP25	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	2100	U, J, CLP25	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	2100	U, J, CLP16	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	2100	U, J, CLP16	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	2100	U, J, CLP16	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1718SF **Lab ID: C121007-22** **MD No:**
Station ID: SL1718 **Matrix: Surface Soil** **D No: 6N50 DATAC**

Date Collected: 2/15/12 13:33

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
67-72-1	Hexachloroethane	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	4100	U, J, CLP16	ug/kg dry	4100	2/21/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
R4-6500	Petroleum Product:		N, CLP15			2/21/12	2/24/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	6000	J, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1720SF **Lab ID: C121007-23** **MD No:**
Station ID: SL1720 **Matrix: Surface Soil** **D No: 6N74 DATAC**

Date Collected: 2/15/12 13:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	21		%		2/21/12	2/27/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	210	U, J, CLP25	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	400	U, J, CLP16	ug/kg dry	400	2/21/12	2/27/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	400	U	ug/kg dry	400	2/21/12	2/27/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	43	J, CLP01	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	400	U	ug/kg dry	400	2/21/12	2/27/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	210	U, J, QS-4	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	400	U	ug/kg dry	400	2/21/12	2/27/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	210	U, J, QS-4	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	400	U	ug/kg dry	400	2/21/12	2/27/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	400	U	ug/kg dry	400	2/21/12	2/27/12	CLP SOM01.2 B
83-32-9	Acenaphthene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1720SF **Lab ID: C121007-23** **MD No:**
Station ID: SL1720 **Matrix: Surface Soil** **D No: 6N74 DATAC**

Date Collected: 2/15/12 13:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
98-86-2	Acetophenone	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
120-12-7	Anthracene	210	U, J, CLP25	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
1912-24-9	Atrazine	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	72	J, CLP01, CLP25	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	66	J, CLP01	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	110	J, CLP01	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	33	J, CLP01	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	240		ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
105-60-2	Caprolactam	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
86-74-8	Carbazole	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
218-01-9	Chrysene	91	J, CLP01	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
206-44-0	Fluoranthene	110	J, CLP01	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
86-73-7	Fluorene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1720SF **Lab ID:** C121007-23 **MD No:**
Station ID: SL1720 **Matrix:** Surface Soil **D No:** 6N74 DATAC

Date Collected: 2/15/12 13:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	210	U, J, QS-4, CLP16	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	32	J, CLP01	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
78-59-1	Isophorone	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
91-20-3	Naphthalene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	400	U, J, CLP16	ug/kg dry	400	2/21/12	2/27/12	CLP SOM01.2 B
85-01-8	Phenanthrene	89	J, CLP01	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
108-95-2	Phenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
129-00-0	Pyrene	120	J, CLP01	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
83-47-6	.gamma.-Sitosterol	400	NJ, CLP15	ug/kg dry		2/21/12	2/27/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/21/12	2/27/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	2000	J, CLP15	ug/kg dry		2/21/12	2/27/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: SL1722SF
Station ID: SL1722

Lab ID: C121007-24
Matrix: Surface Soil

MD No:
D No: 6N21 DATAC

Date Collected: 2/15/12 10:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	23		%		2/18/12	2/23/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	2100	U, J, CLP25	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	4000	U, J, CLP16	ug/kg dry	4000	2/18/12	2/23/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	4000	U	ug/kg dry	4000	2/18/12	2/23/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	4000	U	ug/kg dry	4000	2/18/12	2/23/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	2100	U, J, QI-1	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	4000	U	ug/kg dry	4000	2/18/12	2/23/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	2100	U, J, CLP16	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	2100	U, J, CLP16	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	4000	U, J, QC-1	ug/kg dry	4000	2/18/12	2/23/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	4000	U	ug/kg dry	4000	2/18/12	2/23/12	CLP SOM01.2 B
83-32-9	Acenaphthene	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1722SF **Lab ID: C121007-24** **MD No:**

Station ID: SL1722 **Matrix: Surface Soil** **D No: 6N21 DATAC**

Date Collected: 2/15/12 10:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
98-86-2	Acetophenone	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
120-12-7	Anthracene	2100	U, J, CLP25	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
1912-24-9	Atrazine	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	2100	J, CLP01, QI-1, CLP25	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	2100	U, J, QI-1	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	250	J, QI-1	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	2100	U, J, QI-1	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	2100	U, J, QI-1	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	29000	J, QI-1	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	16000	J, QI-1	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
105-60-2	Caprolactam	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
86-74-8	Carbazole	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
218-01-9	Chrysene	2100	U, J, QI-1	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	2100	U, J, QI-1	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	2100	U, J, CLP16	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	2100	U, J, QI-1	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
206-44-0	Fluoranthene	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
86-73-7	Fluorene	2100	U, J, CLP16	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: SL1722SF
Station ID: SL1722

Lab ID: C121007-24
Matrix: Surface Soil

MD No:
D No: 6N21 DATAC

Date Collected: 2/15/12 10:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	2100	U, J, QC-1, CLP16	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	2100	U, J, QI-1	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
78-59-1	Isophorone	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
91-20-3	Naphthalene	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	4000	U, J, CLP16	ug/kg dry	4000	2/18/12	2/23/12	CLP SOM01.2 B
85-01-8	Phenanthrene	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
108-95-2	Phenol	2100	U	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
129-00-0	Pyrene	240	J, CLP01, QI-1	ug/kg dry	2100	2/18/12	2/23/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
301-02-0	9-Octadecenamide, (Z)-	2000	NJ, CLP15	ug/kg dry		2/18/12	2/23/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	5000	J, CLP15	ug/kg dry		2/18/12	2/23/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1724SF **Lab ID: C121007-25** **MD No:**
Station ID: SL1724 **Matrix: Surface Soil** **D No: 6N22 DATAC**

Date Collected: 2/15/12 9:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	23		%		2/18/12	2/23/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	220	U, J, CLP25	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	430	U, J, CLP16	ug/kg dry	430	2/18/12	2/23/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	430	U	ug/kg dry	430	2/18/12	2/23/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	58	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	430	U	ug/kg dry	430	2/18/12	2/23/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	220	U, J, QI-1, QS-4	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	430	U	ug/kg dry	430	2/18/12	2/23/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	220	U, J, QS-4, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	220	U, J, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	430	U, J, QC-1	ug/kg dry	430	2/18/12	2/23/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	430	U	ug/kg dry	430	2/18/12	2/23/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1724SF **Lab ID:** C121007-25 **MD No:**
Station ID: SL1724 **Matrix:** Surface Soil **D No:** 6N22 DATAC

Date Collected: 2/15/12 9:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
83-32-9	Acenaphthene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
208-96-8	Acenaphthylene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
98-86-2	Acetophenone	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
120-12-7	Anthracene	32	J, CLP01, CLP25	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
1912-24-9	Atrazine	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	150	J, CLP01, QI-1, CLP25	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	140	J, CLP01, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	280	J, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	44	J, CLP01, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	70	J, CLP01, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	220	U, J, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	460	J, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
105-60-2	Caprolactam	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
86-74-8	Carbazole	39	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
218-01-9	Chrysene	180	J, CLP01, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	220	U, J, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	220	U, J, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	220	U, J, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
206-44-0	Fluoranthene	290		ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
86-73-7	Fluorene	220	U, J, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1724SF **Lab ID: C121007-25** **MD No:**
Station ID: SL1724 **Matrix: Surface Soil** **D No: 6N22 DATAC**

Date Collected: 2/15/12 9:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
87-68-3	Hexachlorobutadiene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	220	U, J, QC-1, QS-4, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	72	J, CLP01, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
78-59-1	Isophorone	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
91-20-3	Naphthalene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	430	U, J, CLP16	ug/kg dry	430	2/18/12	2/23/12	CLP SOM01.2 B
85-01-8	Phenanthrene	250		ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
108-95-2	Phenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
129-00-0	Pyrene	340	J, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
57156-97-5	12,15-Octadecadienoic acid, methyl ester	200	NJ, CLP15	ug/kg dry		2/18/12	2/23/12	CLP SOM01.2 B
112-62-9	9-Octadecenoic acid (Z)-, methyl ester	200	NJ, CLP15	ug/kg dry		2/18/12	2/23/12	CLP SOM01.2 B
57-88-5	Cholesterol	1000	NJ, CLP15	ug/kg dry		2/18/12	2/23/12	CLP SOM01.2 B
112-39-0	Hexadecanoic acid, methyl ester	300	NJ, CLP15	ug/kg dry		2/18/12	2/23/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/18/12	2/23/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	10000	J, CLP15	ug/kg dry		2/18/12	2/23/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1726SF **Lab ID:** C121007-26 **MD No:**
Station ID: SL1726 **Matrix:** Surface Soil **D No:** 6N23 DATAC

Date Collected: 2/15/12 9:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	23		%		2/18/12	2/23/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	220	U, J, QS-4	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	220	U, J, CLP25	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	220	U, J, QS-4	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	420	U, J, CLP16	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	420	U	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	52	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	220	U, J, QS-4	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	420	U	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	220	U, R, QS-4	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	420	U	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	220	U, R, CLP16, QS-4	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	220	U, J, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	420	U, J, QC-1	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	420	U	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
83-32-9	Acenaphthene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1726SF **Lab ID: C121007-26** **MD No:**

Station ID: SL1726 **Matrix: Surface Soil** **D No: 6N23 DATAC**

Date Collected: 2/15/12 9:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
98-86-2	Acetophenone	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
120-12-7	Anthracene	44	J, CLP01, CLP25	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
1912-24-9	Atrazine	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	210	J, CLP01, CLP25	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	200	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	350		ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	52	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	99	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	410		ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
105-60-2	Caprolactam	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
86-74-8	Carbazole	36	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
218-01-9	Chrysene	240		ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	29	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	23	J, CLP01, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
206-44-0	Fluoranthene	370		ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
86-73-7	Fluorene	220	U, J, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1726SF **Lab ID: C121007-26** **MD No:**
Station ID: SL1726 **Matrix: Surface Soil** **D No: 6N23 DATAC**

Date Collected: 2/15/12 9:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
87-68-3	Hexachlorobutadiene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	220	U, R, QC-1, QS-4, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	98	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
78-59-1	Isophorone	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
91-20-3	Naphthalene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	420	U, J, CLP16	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
85-01-8	Phenanthrene	310		ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
108-95-2	Phenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
129-00-0	Pyrene	460		ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
112-39-0	Hexadecanoic acid, methyl ester	300	NJ, CLP15	ug/kg dry		2/18/12	2/23/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/18/12	2/23/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	20000	J, CLP15	ug/kg dry		2/18/12	2/23/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: SL1726SFS
Station ID: SL1726

Lab ID: C121007-27
Matrix: Surface Soil

MD No:
D No: 6N76 DATAC

Date Collected: 2/15/12 9:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	24		%		2/21/12	2/27/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	220	U, J, CLP25	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	420	U, J, CLP16	ug/kg dry	420	2/21/12	2/27/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	420	U	ug/kg dry	420	2/21/12	2/27/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	83	J, CLP01	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	420	U	ug/kg dry	420	2/21/12	2/27/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	220	U, R, QS-4	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	420	U	ug/kg dry	420	2/21/12	2/27/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	220	U, R, QS-4	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	420	U	ug/kg dry	420	2/21/12	2/27/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	420	U	ug/kg dry	420	2/21/12	2/27/12	CLP SOM01.2 B
83-32-9	Acenaphthene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: SL1726SFS

Station ID: SL1726

Lab ID: C121007-27

Matrix: Surface Soil

MD No:

D No: 6N76 DATAC

Date Collected: 2/15/12 9:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
98-86-2	Acetophenone	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
120-12-7	Anthracene	94	J, CLP01, CLP25	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
1912-24-9	Atrazine	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	410	J, CLP25	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	320		ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	570		ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	54	J, CLP01	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	130	J, CLP01	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	6300		ug/kg dry	1100	2/21/12	2/28/12	CLP SOM01.2 B
105-60-2	Caprolactam	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
86-74-8	Carbazole	120	J, CLP01	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
218-01-9	Chrysene	540		ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	43	J, CLP01	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	53	J, CLP01	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
206-44-0	Fluoranthene	910		ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
86-73-7	Fluorene	46	J, CLP01	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1726SFS **Lab ID: C121007-27** **MD No:**
Station ID: SL1726 **Matrix: Surface Soil** **D No: 6N76 DATAC**

Date Collected: 2/15/12 9:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	220	U, R, QS-4, CLP16	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	130	J, CLP01	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
78-59-1	Isophorone	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
91-20-3	Naphthalene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	420	U, J, CLP16	ug/kg dry	420	2/21/12	2/27/12	CLP SOM01.2 B
85-01-8	Phenanthrene	790		ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
108-95-2	Phenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
129-00-0	Pyrene	840		ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
83-46-5	.beta.-Sitosterol	500	NJ, CLP15	ug/kg dry		2/21/12	2/27/12	CLP SOM01.2 B
99-85-4	1,4-Cyclohexadiene, 1-methyl-4-(1-methylethyl)-	400	NJ, CLP15	ug/kg dry		2/21/12	2/27/12	CLP SOM01.2 B
192-97-2	Benzo[e]pyrene	300	NJ, CLP15	ug/kg dry		2/21/12	2/27/12	CLP SOM01.2 B
18992-03-5	Bromoacetic acid, octadecyl ester	200	NJ, CLP15	ug/kg dry		2/21/12	2/27/12	CLP SOM01.2 B
470-82-6	Eucalyptol	200	NJ, CLP15	ug/kg dry		2/21/12	2/27/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/21/12	2/27/12	CLP SOM01.2 B
2531-84-2	Phenanthrene, 2-methyl-	200	NJ, CLP15	ug/kg dry		2/21/12	2/27/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	2000	J, CLP15	ug/kg dry		2/21/12	2/27/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: SL1728SF
Station ID: SL1728

Lab ID: C121007-28
Matrix: Surface Soil

MD No:
D No: 6N24 DATAC

Date Collected: 2/15/12 9:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	23		%		2/18/12	2/23/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	210	U, J, CLP25	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	420	U, J, CLP16	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	420	U	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	31	J, CLP01	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	420	U	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	210	U, J, QS-4	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	420	U	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	210	U, J, CLP16, QS-4	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	210	U, J, CLP16	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	420	U, J, QC-1	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	420	U	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
83-32-9	Acenaphthene	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1728SF **Lab ID: C121007-28** **MD No:**
Station ID: SL1728 **Matrix: Surface Soil** **D No: 6N24 DATAC**

Date Collected: 2/15/12 9:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
98-86-2	Acetophenone	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
120-12-7	Anthracene	35	J, CLP01, CLP25	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
1912-24-9	Atrazine	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	180	J, CLP01, CLP25	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	170	J, CLP01, QI-1	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	330	J, QI-1	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	52	J, CLP01, QI-1	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	95	J, CLP01, QI-1	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	260		ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
105-60-2	Caprolactam	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
86-74-8	Carbazole	30	J, CLP01	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
218-01-9	Chrysene	190	J, CLP01	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	26	J, CLP01, QI-1	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	210	U, J, CLP16	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	210	U, J, QI-1	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
206-44-0	Fluoranthene	340		ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
86-73-7	Fluorene	210	U, J, CLP16	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1728SF **Lab ID: C121007-28** **MD No:**
Station ID: SL1728 **Matrix: Surface Soil** **D No: 6N24 DATAC**

Date Collected: 2/15/12 9:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	210	U, J, QC-1, QS-4, CLP16	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	87	J, CLP01, QI-1	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
78-59-1	Isophorone	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
91-20-3	Naphthalene	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	420	U, J, CLP16	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
85-01-8	Phenanthrene	230		ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
108-95-2	Phenol	210	U	ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
129-00-0	Pyrene	410		ug/kg dry	210	2/18/12	2/23/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
83-47-6	.gamma.-Sitosterol	900	NJ, CLP15	ug/kg dry		2/18/12	2/23/12	CLP SOM01.2 B
56221-91-1	13-Tetradecen-1-ol acetate	300	NJ, CLP15	ug/kg dry		2/18/12	2/23/12	CLP SOM01.2 B
112-39-0	Hexadecanoic acid, methyl ester	200	NJ, CLP15	ug/kg dry		2/18/12	2/23/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/18/12	2/23/12	CLP SOM01.2 B
7683-64-9	Squalene	400	NJ, CLP15	ug/kg dry		2/18/12	2/23/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	20000	J, CLP15	ug/kg dry		2/18/12	2/23/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1732SF **Lab ID: C121007-29** **MD No:**
Station ID: SL1732 **Matrix: Surface Soil** **D No: 6N25 DATAC**

Date Collected: 2/14/12 17:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	22		%		2/18/12	2/23/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	220	U, J, CLP25	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	420	U, J, CLP16	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	420	U	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	27	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	420	U	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	220	U, J, QI-1, QS-4	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	420	U	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	220	U, J, QS-4, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	220	U, J, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	420	U, J, QC-1	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	420	U	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1732SF **Lab ID:** C121007-29 **MD No:**
Station ID: SL1732 **Matrix:** Surface Soil **D No:** 6N25 DATAC

Date Collected: 2/14/12 17:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
83-32-9	Acenaphthene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
208-96-8	Acenaphthylene	25	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
98-86-2	Acetophenone	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
120-12-7	Anthracene	27	J, CLP01, CLP25	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
1912-24-9	Atrazine	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	180	J, CLP01, QI-1, CLP25	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	200	J, CLP01, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	310	J, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	59	J, CLP01, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	110	J, CLP01, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	220	U, J, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	220	U, J, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
105-60-2	Caprolactam	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
86-74-8	Carbazole	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
218-01-9	Chrysene	200	J, CLP01, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	28	J, CLP01, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	220	U, J, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	220	U, J, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
206-44-0	Fluoranthene	270		ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
86-73-7	Fluorene	220	U, J, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1732SF **Lab ID: C121007-29** **MD No:**
Station ID: SL1732 **Matrix: Surface Soil** **D No: 6N25 DATAC**

Date Collected: 2/14/12 17:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
87-68-3	Hexachlorobutadiene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	220	U, J, QC-1, QS-4, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	100	J, CLP01, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
78-59-1	Isophorone	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
91-20-3	Naphthalene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	420	U, J, CLP16	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
85-01-8	Phenanthrene	160	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
108-95-2	Phenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
129-00-0	Pyrene	400	J, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
R4-6500	Petroleum Product:		N, CLP15			2/18/12	2/23/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	20000	J, CLP15	ug/kg dry		2/18/12	2/23/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: SL1734SF

Station ID: SL1734

Lab ID: C121007-30

Matrix: Surface Soil

MD No:

D No: 6N26 DATAC

Date Collected: 2/14/12 16:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	23		%		2/18/12	2/23/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	220	U, J, CLP25	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	420	U, J, CLP16	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	420	U	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	31	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	420	U	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	220	U, J, QS-4	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	420	U	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	220	U, J, QS-4, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	220	U, J, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	420	U, J, QC-1	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	420	U	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
83-32-9	Acenaphthene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1734SF **Lab ID: C121007-30** **MD No:**

Station ID: SL1734 **Matrix: Surface Soil** **D No: 6N26 DATAC**

Date Collected: 2/14/12 16:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	25	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
98-86-2	Acetophenone	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
120-12-7	Anthracene	180	J, CLP01, CLP25	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
1912-24-9	Atrazine	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	870	J, CLP25	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	570	J, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	1100	J, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	130	J, CLP01, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	370	J, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
105-60-2	Caprolactam	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
86-74-8	Carbazole	110	J, CLP01	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
218-01-9	Chrysene	910		ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	68	J, CLP01, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	220	U, J, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	220	U, J, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
206-44-0	Fluoranthene	2000		ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
86-73-7	Fluorene	23	J, CLP01, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1734SF **Lab ID: C121007-30** **MD No:**

Station ID: SL1734 **Matrix: Surface Soil** **D No: 6N26 DATAC**

Date Collected: 2/14/12 16:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	220	U, J, QC-1, QS-4, CLP16	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	240	J, QI-1	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
78-59-1	Isophorone	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
91-20-3	Naphthalene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	420	U, J, CLP16	ug/kg dry	420	2/18/12	2/23/12	CLP SOM01.2 B
85-01-8	Phenanthrene	740		ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
108-95-2	Phenol	220	U	ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
129-00-0	Pyrene	2300		ug/kg dry	220	2/18/12	2/23/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
84-11-7	9,10-Phenanthrenedione	300	NJ, CLP15	ug/kg dry		2/18/12	2/23/12	CLP SOM01.2 B
301-02-0	9-Octadecenamide, (Z)-	5000	NJ, CLP15	ug/kg dry		2/18/12	2/23/12	CLP SOM01.2 B
112-39-0	Hexadecanoic acid, methyl ester	300	NJ, CLP15	ug/kg dry		2/18/12	2/23/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/18/12	2/23/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	3000	J, CLP15	ug/kg dry		2/18/12	2/23/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1736SF **Lab ID: C121007-31** **MD No:**

Station ID: SL1736 **Matrix: Surface Soil** **D No: 6N27 DATAC**

Date Collected: 2/14/12 16:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	22		%		2/18/12	2/22/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	220	U, J, CLP25	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	420	U, J, QC-1, CLP16	ug/kg dry	420	2/18/12	2/22/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	420	U	ug/kg dry	420	2/18/12	2/22/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	87	J, CLP01	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	420	U	ug/kg dry	420	2/18/12	2/22/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	220	U, J, QC-1, QS-4	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	420	U	ug/kg dry	420	2/18/12	2/22/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	220	U, J, QS-4, CLP16	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	220	U, J, CLP16	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	420	U, J, QC-1	ug/kg dry	420	2/18/12	2/22/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1736SF **Lab ID:** C121007-31 **MD No:**
Station ID: SL1736 **Matrix:** Surface Soil **D No:** 6N27 DATAC

Date Collected: 2/14/12 16:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-02-7	4-Nitrophenol	420	U	ug/kg dry	420	2/18/12	2/22/12	CLP SOM01.2 B
83-32-9	Acenaphthene	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
208-96-8	Acenaphthylene	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
98-86-2	Acetophenone	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
120-12-7	Anthracene	22	J, CLP01, CLP25	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
1912-24-9	Atrazine	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	110	J, CLP01, CLP25	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	97	J, CLP01	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	170	J, CLP01	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	30	J, CLP01	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	60	J, CLP01	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
105-60-2	Caprolactam	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
86-74-8	Carbazole	27	J, CLP01	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
218-01-9	Chrysene	120	J, CLP01	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	33	J, CLP01, CLP16	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
206-44-0	Fluoranthene	180	J, CLP01	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1736SF **Lab ID: C121007-31** **MD No:**
Station ID: SL1736 **Matrix: Surface Soil** **D No: 6N27 DATAC**

Date Collected: 2/14/12 16:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
86-73-7	Fluorene	220	U, J, CLP16	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	220	U, J, QC-1, QS-4, CLP16	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	52	J, CLP01	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
78-59-1	Isophorone	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
91-20-3	Naphthalene	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	420	U, J, QC-1, CLP16	ug/kg dry	420	2/18/12	2/22/12	CLP SOM01.2 B
85-01-8	Phenanthrene	190	J, CLP01	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
108-95-2	Phenol	220	U	ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
129-00-0	Pyrene	220		ug/kg dry	220	2/18/12	2/22/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
7494-34-0	26-Nor-5-cholesten-3.beta.-ol-25-one	400	NJ, CLP15	ug/kg dry		2/18/12	2/22/12	CLP SOM01.2 B
112-39-0	Hexadecanoic acid, methyl ester	200	NJ, CLP15	ug/kg dry		2/18/12	2/22/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/18/12	2/22/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	20000	J, CLP15	ug/kg dry		2/18/12	2/22/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: SL1740SF

Station ID: SL1740

Lab ID: C121007-32

Matrix: Surface Soil

MD No:

D No: 6N28 DATAC

Date Collected: 2/14/12 14:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	22		%		2/18/12	2/22/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	210	U, J, CLP25	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	410	U, J, QC-1, CLP16	ug/kg dry	410	2/18/12	2/22/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	410	U	ug/kg dry	410	2/18/12	2/22/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	68	J, CLP01	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	410	U	ug/kg dry	410	2/18/12	2/22/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	210	U, J, QC-1, QS-4	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	410	U	ug/kg dry	410	2/18/12	2/22/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	210	U, J, QS-4, CLP16	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	210	U, J, CLP16	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	410	U, J, QC-1	ug/kg dry	410	2/18/12	2/22/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1740SF **Lab ID: C121007-32** **MD No:**
Station ID: SL1740 **Matrix: Surface Soil** **D No: 6N28 DATAC**

Date Collected: 2/14/12 14:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-02-7	4-Nitrophenol	410	U	ug/kg dry	410	2/18/12	2/22/12	CLP SOM01.2 B
83-32-9	Acenaphthene	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
208-96-8	Acenaphthylene	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
98-86-2	Acetophenone	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
120-12-7	Anthracene	210	U, J, CLP25	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
1912-24-9	Atrazine	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	91	J, CLP01, CLP25	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	86	J, CLP01	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	160	J, CLP01	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	24	J, CLP01	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	44	J, CLP01	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
105-60-2	Caprolactam	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
86-74-8	Carbazole	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
218-01-9	Chrysene	110	J, CLP01	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	23	J, CLP01, CLP16	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
206-44-0	Fluoranthene	150	J, CLP01	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
86-73-7	Fluorene	210	U, J, CLP16	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1740SF **Lab ID: C121007-32** **MD No:**
Station ID: SL1740 **Matrix: Surface Soil** **D No: 6N28 DATAC**

Date Collected: 2/14/12 14:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
118-74-1	Hexachlorobenzene (HCB)	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	210	U, J, QC-1, QS-4, CLP16	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	46	J, CLP01	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
78-59-1	Isophorone	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
91-20-3	Naphthalene	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	410	U, J, QC-1, CLP16	ug/kg dry	410	2/18/12	2/22/12	CLP SOM01.2 B
85-01-8	Phenanthrene	140	J, CLP01	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
108-95-2	Phenol	210	U	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
129-00-0	Pyrene	180	J, CLP01	ug/kg dry	210	2/18/12	2/22/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
83-46-5	.beta.-Sitosterol	900	NJ, CLP15	ug/kg dry		2/18/12	2/22/12	CLP SOM01.2 B
1120-25-8	9-Hexadecenoic acid, methyl ester, (Z)-	200	NJ, CLP15	ug/kg dry		2/18/12	2/22/12	CLP SOM01.2 B
112-39-0	Hexadecanoic acid, methyl ester	200	NJ, CLP15	ug/kg dry		2/18/12	2/22/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/18/12	2/22/12	CLP SOM01.2 B
7683-64-9	Squalene	300	NJ, CLP15	ug/kg dry		2/18/12	2/22/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	20000	J, CLP15	ug/kg dry		2/18/12	2/22/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1740SFD **Lab ID: C121007-33** **MD No:**
Station ID: SL1740 **Matrix: Surface Soil** **D No: 6N63 DATAC**

Date Collected: 2/14/12 14:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	21		%		2/21/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	210	U, J, CLP25	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	400	U, J, CLP16	ug/kg dry	400	2/21/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	400	U	ug/kg dry	400	2/21/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	56	J, CLP01	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	400	U	ug/kg dry	400	2/21/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	210	U, J, QS-4	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	400	U	ug/kg dry	400	2/21/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	210	U, J, QS-4, CLP16	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	210	U, J, CLP16	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	400	U, J, QC-1	ug/kg dry	400	2/21/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	400	U	ug/kg dry	400	2/21/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1740SFD **Lab ID:** C121007-33 **MD No:**
Station ID: SL1740 **Matrix:** Surface Soil **D No:** 6N63 DATAC

Date Collected: 2/14/12 14:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	25	J, CLP01, CLP25	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	140	J, CLP01, CLP25	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	130	J, CLP01	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	220		ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	79	J, CLP01	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	25	J, CLP01	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	160	J, CLP01	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	22	J, CLP01, CLP16	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	240		ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	210	U, J, CLP16	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1740SFD **Lab ID: C121007-33** **MD No:**

Station ID: SL1740 **Matrix: Surface Soil** **D No: 6N63 DATAC**

Date Collected: 2/14/12 14:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
87-68-3	Hexachlorobutadiene	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	210	U, J, QS-4, CLP16	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	67	J, CLP01	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	400	U, J, CLP16	ug/kg dry	400	2/21/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	210		ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	310		ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
107-41-5	Hexylene glycol	600	NJ, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/21/12	2/24/12	CLP SOM01.2 B
2435-85-0	Pyrene, hexadecahydro-	500	NJ, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	6000	J, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1742SF **Lab ID:** C121007-34 **MD No:**
Station ID: SL1742 **Matrix:** Surface Soil **D No:** 6N29 DATAC

Date Collected: 2/14/12 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	24		%		2/18/12	2/22/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	2200	U, J, CLP25	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	4200	U, J, CLP16, QC-1	ug/kg dry	4200	2/18/12	2/22/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	4200	U	ug/kg dry	4200	2/18/12	2/22/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	4200	U	ug/kg dry	4200	2/18/12	2/22/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	2200	U, J, QC-1	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	4200	U	ug/kg dry	4200	2/18/12	2/22/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	2200	U, J, CLP16	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	2200	U, J, CLP16	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	4200	U, J, QC-1	ug/kg dry	4200	2/18/12	2/22/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	4200	U	ug/kg dry	4200	2/18/12	2/22/12	CLP SOM01.2 B
83-32-9	Acenaphthene	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1742SF **Lab ID:** C121007-34 **MD No:**
Station ID: SL1742 **Matrix:** Surface Soil **D No:** 6N29 DATAC

Date Collected: 2/14/12 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
98-86-2	Acetophenone	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
120-12-7	Anthracene	2200	U, J, CLP25	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
1912-24-9	Atrazine	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	940	J, CLP01, CLP25	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	950	J, CLP01	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	1600	J, CLP01	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	400	J, CLP01	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	480	J, CLP01	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
105-60-2	Caprolactam	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
86-74-8	Carbazole	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
218-01-9	Chrysene	960	J, CLP01	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	2200	U, J, CLP16	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
206-44-0	Fluoranthene	1800	J, CLP01	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
86-73-7	Fluorene	2200	U, J, CLP16	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1742SF **Lab ID: C121007-34** **MD No:**
Station ID: SL1742 **Matrix: Surface Soil** **D No: 6N29 DATAC**

Date Collected: 2/14/12 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	2200	U, J, CLP16, QC-1	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	530	J, CLP01	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
78-59-1	Isophorone	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
91-20-3	Naphthalene	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	4200	U, J, CLP16, QC-1	ug/kg dry	4200	2/18/12	2/22/12	CLP SOM01.2 B
85-01-8	Phenanthrene	1100	J, CLP01	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
108-95-2	Phenol	2200	U	ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
129-00-0	Pyrene	2300		ug/kg dry	2200	2/18/12	2/22/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
301-02-0	9-Octadecenamide, (Z)-	6000	NJ, CLP15	ug/kg dry		2/18/12	2/22/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1742SFX **Lab ID:** C121007-35 **MD No:**
Station ID: SL1742X **Matrix:** Surface Soil **D No:** 6N66 DATAC

Date Collected: 2/14/12 13:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	20		%		2/21/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	2000	U, J, CLP25	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	3900	U, J, CLP16	ug/kg dry	3900	2/21/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	3900	U	ug/kg dry	3900	2/21/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	3900	U	ug/kg dry	3900	2/21/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	3900	U	ug/kg dry	3900	2/21/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	2000	U, J, CLP16	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	2000	U, J, CLP16	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	3900	U, J, QC-1	ug/kg dry	3900	2/21/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	3900	U	ug/kg dry	3900	2/21/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	360	J, CLP01	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: SL1742SFX
Station ID: SL1742X

Lab ID: C121007-35
Matrix: Surface Soil

MD No:
D No: 6N66 DATAC

Date Collected: 2/14/12 13:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	870	J, CLP01, CLP25	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	2400	J, CLP25	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	1900	J, CLP01	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	3100		ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	530	J, CLP01	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	1100	J, CLP01	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	730	J, CLP01	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	2500		ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	350	J, CLP01	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	2000	U, J, CLP16	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	5200		ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	310	J, CLP01, CLP16	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1742SFX **Lab ID:** C121007-35 **MD No:**
Station ID: SL1742X **Matrix:** Surface Soil **D No:** 6N66 DATAC

Date Collected: 2/14/12 13:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	2000	U, J, CLP16	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	930	J, CLP01	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	3900	U, J, CLP16	ug/kg dry	3900	2/21/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	4600		ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	6600		ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
R4-6500	Petroleum Product:		N, CLP15			2/21/12	2/24/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	5000	J, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1748SF **Lab ID: C121007-36** **MD No:**
Station ID: SL1748 **Matrix: Surface Soil** **D No: 6N30 DATAC**

Date Collected: 2/14/12 12:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	19		%		2/20/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	210	U, J, CLP25	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	410	U, J, CLP16	ug/kg dry	410	2/20/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	410	U	ug/kg dry	410	2/20/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	77	J, CLP01	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	410	U	ug/kg dry	410	2/20/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	210	U, J, QS-4	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	410	U	ug/kg dry	410	2/20/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	210	U, J, QS-4	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	410	U	ug/kg dry	410	2/20/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	410	U	ug/kg dry	410	2/20/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1748SF **Lab ID: C121007-36** **MD No:**
Station ID: SL1748 **Matrix: Surface Soil** **D No: 6N30 DATAC**

Date Collected: 2/14/12 12:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	21	J, CLP01, CLP25	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	140	J, CLP01, CLP25	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	120	J, CLP01	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	200	J, CLP01	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	55	J, CLP01	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	180	J, CLP01	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	28	J, CLP01	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	280		ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1748SF **Lab ID: C121007-36** **MD No:**
Station ID: SL1748 **Matrix: Surface Soil** **D No: 6N30 DATAC**

Date Collected: 2/14/12 12:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	210	U, J, CLP16, QS-4	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	57	J, CLP01	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	410	U, J, CLP16	ug/kg dry	410	2/20/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	190	J, CLP01	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	210	U	ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	270		ug/kg dry	210	2/20/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
83-46-5	.beta.-Sitosterol	300	NJ, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B
1000158-20-4	3-Butanone, 1,1-bis(4-chlorophenyl) -2,2-dimethyl	400	NJ, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B
192-97-2	Benzo[e]pyrene	300	NJ, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/20/12	2/24/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	1000	J, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1750SF **Lab ID: C121007-37** **MD No:**
Station ID: SL1750 **Matrix: Surface Soil** **D No: 6N61 DATAC**

Date Collected: 2/14/12 12:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	26		%		2/20/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	2300	U, J, CLP25	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	4400	U, J, CLP16	ug/kg dry	4400	2/20/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	4400	U	ug/kg dry	4400	2/20/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	4400	U	ug/kg dry	4400	2/20/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	4400	U	ug/kg dry	4400	2/20/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	2300	U, J, QM-1	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	4400	U	ug/kg dry	4400	2/20/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	4400	U	ug/kg dry	4400	2/20/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1750SF **Lab ID: C121007-37** **MD No:**

Station ID: SL1750 **Matrix: Surface Soil** **D No: 6N61 DATAC**

Date Collected: 2/14/12 12:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	2300	U, J, CLP25	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	300	J, CLP01, CLP25	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	370	J, CLP01	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	33000		ug/kg dry	4600	2/20/12	2/27/12	CLP SOM01.2 B
105-60-2	Caprolactam	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	330	J, CLP01	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	420	J, CLP01	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1750SF **Lab ID: C121007-37** **MD No:**
Station ID: SL1750 **Matrix: Surface Soil** **D No: 6N61 DATAC**

Date Collected: 2/14/12 12:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	2300	U, J, CLP16	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	4400	U, J, CLP16	ug/kg dry	4400	2/20/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	290	J, CLP01	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	2300	U	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	530	J, CLP01	ug/kg dry	2300	2/20/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
R4-6500	Petroleum Product:		N, CLP15			2/20/12	2/24/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	2000	J, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1752SF **Lab ID:** C121007-38 **MD No:**
Station ID: SL1752 **Matrix:** Surface Soil **D No:** 6N57 DATAC

Date Collected: 2/14/12 11:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	27		%		2/18/12	2/22/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	230	U, J, CLP25	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	440	U, J, QC-1, CLP16	ug/kg dry	440	2/18/12	2/22/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	440	U	ug/kg dry	440	2/18/12	2/22/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	69	J, CLP01	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	440	U	ug/kg dry	440	2/18/12	2/22/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	230	U, R, QC-1, QS-4	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	440	U	ug/kg dry	440	2/18/12	2/22/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	230	U, R, QS-4, CLP16	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	230	U, J, CLP16	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	440	U, J, QC-1	ug/kg dry	440	2/18/12	2/22/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1752SF **Lab ID: C121007-38** **MD No:**

Station ID: SL1752 **Matrix: Surface Soil** **D No: 6N57 DATAC**

Date Collected: 2/14/12 11:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-02-7	4-Nitrophenol	440	U	ug/kg dry	440	2/18/12	2/22/12	CLP SOM01.2 B
83-32-9	Acenaphthene	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
208-96-8	Acenaphthylene	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
98-86-2	Acetophenone	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
120-12-7	Anthracene	230	U, J, CLP25	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
1912-24-9	Atrazine	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	86	J, CLP01, CLP25	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	82	J, CLP01	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	150	J, CLP01	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	29	J, CLP01	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	42	J, CLP01	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	650		ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
105-60-2	Caprolactam	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
86-74-8	Carbazole	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
218-01-9	Chrysene	100	J, CLP01	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	230	U, J, CLP16	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
206-44-0	Fluoranthene	140	J, CLP01	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
86-73-7	Fluorene	230	U, J, CLP16	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: SL1752SF **Lab ID:** C121007-38 **MD No:**
Station ID: SL1752 **Matrix:** Surface Soil **D No:** 6N57 DATAC

Date Collected: 2/14/12 11:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
118-74-1	Hexachlorobenzene (HCB)	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	230	U, R, QC-1, QS-4, CLP16	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	57	J, CLP01	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
78-59-1	Isophorone	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
91-20-3	Naphthalene	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	440	U, J, QC-1, CLP16	ug/kg dry	440	2/18/12	2/22/12	CLP SOM01.2 B
85-01-8	Phenanthrene	130	J, CLP01	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
108-95-2	Phenol	230	U	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
129-00-0	Pyrene	160	J, CLP01, QM-3	ug/kg dry	230	2/18/12	2/22/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
1120-25-8	9-Hexadecenoic acid, methyl ester, (Z)-	200	NJ, CLP15	ug/kg dry		2/18/12	2/22/12	CLP SOM01.2 B
112-39-0	Hexadecanoic acid, methyl ester	200	NJ, CLP15	ug/kg dry		2/18/12	2/22/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/18/12	2/22/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	20000	J, CLP15	ug/kg dry		2/18/12	2/22/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1518SF **Lab ID: C121007-39** **MD No:**
Station ID: WA1518 **Matrix: Surface Soil** **D No: 6N31 DATAC**

Date Collected: 2/14/12 13:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	23		%		2/20/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	1100	U, J, CLP25	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	2100	U, J, CLP16	ug/kg dry	2100	2/20/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	2100	U	ug/kg dry	2100	2/20/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	2100	U	ug/kg dry	2100	2/20/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	2100	U	ug/kg dry	2100	2/20/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	2100	U	ug/kg dry	2100	2/20/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	2100	U	ug/kg dry	2100	2/20/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1518SF **Lab ID: C121007-39** **MD No:**

Station ID: WA1518 **Matrix: Surface Soil** **D No: 6N31 DATAC**

Date Collected: 2/14/12 13:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	130	J, CLP01	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	180	J, CLP01, CLP25	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	1000	J, CLP01, CLP25	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	850	J, CLP01	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	1200		ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	280	J, CLP01	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	350	J, CLP01	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	150	J, CLP01	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	1200		ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	130	J, CLP01	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	2100		ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1518SF **Lab ID: C121007-39** **MD No:**
Station ID: WA1518 **Matrix: Surface Soil** **D No: 6N31 DATAC**

Date Collected: 2/14/12 13:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	1100	U, J, CLP16	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	410	J, CLP01	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	2100	U, J, CLP16	ug/kg dry	2100	2/20/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	1200		ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	2100		ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
R4-6500	Petroleum Product:		N, CLP15			2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1518SFX **Lab ID: C121007-40** **MD No:**
Station ID: WA1518X **Matrix: Surface Soil** **D No: 6N64 DATAC**

Date Collected: 2/14/12 13:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	23		%		2/21/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	220	U, J, CLP25	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	420	U, J, CLP16	ug/kg dry	420	2/21/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	420	U	ug/kg dry	420	2/21/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	24	J, CLP01	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	420	U	ug/kg dry	420	2/21/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	220	U, J, QS-4	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	420	U	ug/kg dry	420	2/21/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	220	U, J, CLP16, QS-4	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	220	U, J, CLP16	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	420	U, J, QC-1	ug/kg dry	420	2/21/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	420	U	ug/kg dry	420	2/21/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1518SFX **Lab ID: C121007-40** **MD No:**
Station ID: WA1518X **Matrix: Surface Soil** **D No: 6N64 DATAC**

Date Collected: 2/14/12 13:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	54	J, CLP01	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	110	J, CLP01, CLP25	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	580	J, CLP25	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	450	J, QS-3	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	750	J, QS-3	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	55	J, CLP01, QS-3	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	260	J, QS-3	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	78	J, CLP01	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	550		ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	64	J, CLP01, QS-3	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	220	U, J, CLP16	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	1100		ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	25	J, CLP01, CLP16	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1518SFX **Lab ID: C121007-40** **MD No:**
Station ID: WA1518X **Matrix: Surface Soil** **D No: 6N64 DATAC**

Date Collected: 2/14/12 13:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
118-74-1	Hexachlorobenzene (HCB)	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	220	U, J, CLP16, QS-4	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	230	J, QS-3	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	420	U, J, CLP16	ug/kg dry	420	2/21/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	630		ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	1200		ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
84-65-1	9,10-Anthracenedione	300	NJ, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B
192-97-2	Benzo[e]pyrene	400	NJ, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B
107-41-5	Hexylene glycol	20000	NJ, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/21/12	2/24/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	5000	J, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1520SF **Lab ID: C121007-41** **MD No:**
Station ID: WA1520 **Matrix: Surface Soil** **D No: 6N32 DATAC**

Date Collected: 2/14/12 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	24		%		2/20/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	220	U, J, CLP25	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	430	U, J, CLP16	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	220	U, J, QS-4	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	220	U, J, QS-4	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1520SF **Lab ID: C121007-41** **MD No:**
Station ID: WA1520 **Matrix: Surface Soil** **D No: 6N32 DATAC**

Date Collected: 2/14/12 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	220	U, J, CLP25	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	62	J, CLP01, CLP25	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	61	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	110	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	33	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	87	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	150	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1520SF **Lab ID: C121007-41** **MD No:**
Station ID: WA1520 **Matrix: Surface Soil** **D No: 6N32 DATAC**

Date Collected: 2/14/12 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	220	U, J, CLP16, QS-4	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	37	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	430	U, J, CLP16	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	64	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	140	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
83-46-5	.beta.-Sitosterol	400	NJ, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/20/12	2/24/12	CLP SOM01.2 B
638-58-4	Tetradecanamide	200	NJ, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	2000	J, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1526SF **Lab ID: C121007-42** **MD No:**
Station ID: WA1526 **Matrix: Surface Soil** **D No: 6N65 DATAC**

Date Collected: 2/14/12 14:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	27		%		2/21/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	220	U, J, CLP25	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	430	U, J, CLP16	ug/kg dry	430	2/21/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	430	U, J, QS-4	ug/kg dry	430	2/21/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	52	J, CLP01	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	430	U	ug/kg dry	430	2/21/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	220	U, J, QS-4	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	430	U	ug/kg dry	430	2/21/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	220	U, J, CLP16, QS-4	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	220	U, J, CLP16	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	430	U, J, QC-1	ug/kg dry	430	2/21/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	430	U	ug/kg dry	430	2/21/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1526SF **Lab ID: C121007-42** **MD No:**
Station ID: WA1526 **Matrix: Surface Soil** **D No: 6N65 DATAC**

Date Collected: 2/14/12 14:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	220	U, J, CLP25	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	140	J, CLP01, CLP25	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	110	J, CLP01, QS-3	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	180	J, CLP01, QS-3	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	24	J, CLP01, QS-3	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	49	J, CLP01, QS-3	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	600		ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	150	J, CLP01	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	24	J, CLP01, QS-3	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	220	U, J, CLP16	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	260		ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1526SF **Lab ID: C121007-42** **MD No:**
Station ID: WA1526 **Matrix: Surface Soil** **D No: 6N65 DATAC**

Date Collected: 2/14/12 14:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
86-73-7	Fluorene	220	U, J, CLP16	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	220	U, J, CLP16, QS-4	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	95	J, CLP01, QS-3	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	430	U, J, CLP16	ug/kg dry	430	2/21/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	150	J, CLP01	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	290		ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
7494-34-0	26-Nor-5-cholesten-3.beta.-ol-25-one	200	NJ, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B
107-41-5	Hexylene glycol	1000	NJ, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B
198-55-0	Perylene	200	NJ, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/21/12	2/24/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	2000	J, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1534SF **Lab ID: C121007-43** **MD No:**
Station ID: WA1534 **Matrix: Surface Soil** **D No: 6N70 DATAC**

Date Collected: 2/15/12 8:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	22		%		2/21/12	2/27/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	220	U, J, CLP25	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	420	U, J, CLP16	ug/kg dry	420	2/21/12	2/27/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	420	U	ug/kg dry	420	2/21/12	2/27/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	42	J, CLP01	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	420	U	ug/kg dry	420	2/21/12	2/27/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	220	U, J, QS-4	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	420	U	ug/kg dry	420	2/21/12	2/27/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	220	U, J, QS-4	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	420	U	ug/kg dry	420	2/21/12	2/27/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	420	U	ug/kg dry	420	2/21/12	2/27/12	CLP SOM01.2 B
83-32-9	Acenaphthene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1534SF **Lab ID: C121007-43** **MD No:**

Station ID: WA1534 **Matrix: Surface Soil** **D No: 6N70 DATAC**

Date Collected: 2/15/12 8:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
98-86-2	Acetophenone	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
120-12-7	Anthracene	35	J, CLP01, CLP25	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
1912-24-9	Atrazine	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	220	J, CLP25	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	190	J, CLP01, QS-3	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	290	J, QS-3	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	220	U, J, QS-3	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	96	J, CLP01, QS-3	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	2800		ug/kg dry	430	2/21/12	2/28/12	CLP SOM01.2 B
105-60-2	Caprolactam	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
86-74-8	Carbazole	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
218-01-9	Chrysene	240		ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	30	J, QS-3, CLP01	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
206-44-0	Fluoranthene	380		ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
86-73-7	Fluorene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1534SF **Lab ID: C121007-43** **MD No:**
Station ID: WA1534 **Matrix: Surface Soil** **D No: 6N70 DATAC**

Date Collected: 2/15/12 8:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
118-74-1	Hexachlorobenzene (HCB)	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	220	U, J, CLP16, QS-4	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	96	J, CLP01, QS-3	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
78-59-1	Isophorone	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
91-20-3	Naphthalene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	420	U, J, CLP16	ug/kg dry	420	2/21/12	2/27/12	CLP SOM01.2 B
85-01-8	Phenanthrene	170	J, CLP01	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
108-95-2	Phenol	220	U	ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
129-00-0	Pyrene	380		ug/kg dry	220	2/21/12	2/27/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
83-46-5	.beta.-Sitosterol	700	NJ, CLP15	ug/kg dry		2/21/12	2/27/12	CLP SOM01.2 B
192-97-2	Benzo[e]pyrene	300	NJ, CLP15	ug/kg dry		2/21/12	2/27/12	CLP SOM01.2 B
107-41-5	Hexylene glycol	600	NJ, CLP15	ug/kg dry		2/21/12	2/27/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/21/12	2/27/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	2000	J, CLP15	ug/kg dry		2/21/12	2/27/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: WA1602SF
Station ID: WA1602

Lab ID: C121007-44
Matrix: Surface Soil

MD No:
D No: 6N33 DATAC

Date Collected: 2/14/12 15:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	21		%		2/20/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	220	U, J, CLP25	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	420	U, J, CLP16	ug/kg dry	420	2/20/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	420	U	ug/kg dry	420	2/20/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	420	U	ug/kg dry	420	2/20/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	220	U, J, QS-4	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	420	U	ug/kg dry	420	2/20/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	220	U, J, QS-4	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	420	U	ug/kg dry	420	2/20/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	420	U	ug/kg dry	420	2/20/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1602SF **Lab ID: C121007-44** **MD No:**
Station ID: WA1602 **Matrix: Surface Soil** **D No: 6N33 DATAC**

Date Collected: 2/14/12 15:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	220	U, J, CLP25	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	98	J, CLP25, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	85	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	120	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	32	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	43	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	120	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	210	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: WA1602SF
Station ID: WA1602

Lab ID: C121007-44
Matrix: Surface Soil

MD No:
D No: 6N33 DATAC

Date Collected: 2/14/12 15:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	220	U, J, CLP16, QS-4	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	54	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	420	U, J, CLP16	ug/kg dry	420	2/20/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	130	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	210	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
R4-6500	Petroleum Product:		N, CLP15			2/20/12	2/24/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	2000	J, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1606SF **Lab ID: C121007-45** **MD No:**
Station ID: WA1606 **Matrix: Surface Soil** **D No: 6N34 DATAC**

Date Collected: 2/14/12 16:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	23		%		2/20/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	220	U, J, CLP25	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	430	U, J, CLP16	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	220	U, J, QS-4	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	220	U, J, QS-4	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1606SF **Lab ID: C121007-45** **MD No:**
Station ID: WA1606 **Matrix: Surface Soil** **D No: 6N34 DATAC**

Date Collected: 2/14/12 16:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	56	J, CLP01, CLP25	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	190	J, CLP01, CLP25	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	140	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	210	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	49	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	56	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	39	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	200	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	27	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	350		ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1606SF **Lab ID: C121007-45** **MD No:**

Station ID: WA1606 **Matrix: Surface Soil** **D No: 6N34 DATAC**

Date Collected: 2/14/12 16:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	220	U, J, CLP16, QS-4	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	81	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	430	U, J, CLP16	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	240		ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	330		ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
83-46-5	.beta.-Sitosterol	300	NJ, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/20/12	2/24/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	900	J, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: WA1608SF

Lab ID: C121007-46

MD No:

Station ID: WA1608

Matrix: Surface Soil

D No: 6N69 DATAC

Date Collected: 2/14/12 16:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	24		%		2/21/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	220	U, J, CLP25	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	430	U, J, CLP16	ug/kg dry	430	2/21/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	430	U	ug/kg dry	430	2/21/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	27	J, CLP01	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	430	U	ug/kg dry	430	2/21/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	220	U, J, QS-4	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	430	U	ug/kg dry	430	2/21/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	220	U, J, CLP16, QS-4	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	220	U, J, CLP16	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	430	U, J, QC-1	ug/kg dry	430	2/21/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	430	U	ug/kg dry	430	2/21/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1608SF **Lab ID: C121007-46** **MD No:**
Station ID: WA1608 **Matrix: Surface Soil** **D No: 6N69 DATAC**

Date Collected: 2/14/12 16:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	27	J, CLP01, CLP25	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	140	J, CLP01, CLP25	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	120	J, CLP01	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	210	J, CLP01	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	68	J, CLP01	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	140	J, CLP01	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	220	U, J, CLP16	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	220		ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	220	U, J, CLP16	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1608SF **Lab ID: C121007-46** **MD No:**
Station ID: WA1608 **Matrix: Surface Soil** **D No: 6N69 DATAC**

Date Collected: 2/14/12 16:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	220	U, J, CLP16, QS-4	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	68	J, CLP01	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	430	U, J, CLP16	ug/kg dry	430	2/21/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	140	J, CLP01	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	270		ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
87295-26-9	16-Methyloxacyclohexadeca-3,5-dien-2-one	200	NJ, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B
107-41-5	Hexylene glycol	7000	NJ, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B
3424-82-6	o,p'-DDE	200	NJ, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/21/12	2/24/12	CLP SOM01.2 B
83-48-7	Stigmasterol	200	NJ, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	4000	J, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1610SF **Lab ID: C121007-47** **MD No:**
Station ID: WA1610 **Matrix: Surface Soil** **D No: 6N35 DATAC**

Date Collected: 2/15/12 10:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	23		%		2/20/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	220	U, J, CLP25	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	430	U, J, CLP16	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	36	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	220	U, J, QS-4	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	220	U, J, QS-4	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1610SF **Lab ID: C121007-47** **MD No:**

Station ID: WA1610 **Matrix: Surface Soil** **D No: 6N35 DATAC**

Date Collected: 2/15/12 10:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	28	J, CLP01, CLP25	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	170	J, CLP01, CLP25	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	150	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	230		ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	61	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	58	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	3300		ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	24	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	210	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	29	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	330		ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1610SF **Lab ID: C121007-47** **MD No:**

Station ID: WA1610 **Matrix: Surface Soil** **D No: 6N35 DATAC**

Date Collected: 2/15/12 10:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	220	U, J, CLP16, QS-4	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	91	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	430	U, J, CLP16	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	180	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	330		ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
83-46-5	.beta.-Sitosterol	500	NJ, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B
7494-34-0	26-Nor-5-cholesten-3.beta.-ol-25-one	400	NJ, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/20/12	2/24/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	2000	J, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: WA1610SFX
Station ID: WA1610X

Lab ID: C121007-48
Matrix: Surface Soil

MD No:
D No: 6N75 DATAC

Date Collected: 2/15/12 10:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	21		%		2/21/12	2/27/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	210	U, J, CLP25	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	410	U, J, CLP16	ug/kg dry	410	2/21/12	2/27/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	410	U	ug/kg dry	410	2/21/12	2/27/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	410	U	ug/kg dry	410	2/21/12	2/27/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	210	U, J, QS-4	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	410	U	ug/kg dry	410	2/21/12	2/27/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	210	U, J, QS-4	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	410	U	ug/kg dry	410	2/21/12	2/27/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	410	U	ug/kg dry	410	2/21/12	2/27/12	CLP SOM01.2 B
83-32-9	Acenaphthene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: WA1610SFX

Station ID: WA1610X

Lab ID: C121007-48

Matrix: Surface Soil

MD No:

D No: 6N75 DATAC

Date Collected: 2/15/12 10:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
98-86-2	Acetophenone	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
120-12-7	Anthracene	210	U, J, CLP25	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
1912-24-9	Atrazine	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	36	J, CLP01, CLP25	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	35	J, CLP01	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	52	J, CLP01	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	22	J, CLP01	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
105-60-2	Caprolactam	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
86-74-8	Carbazole	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
218-01-9	Chrysene	45	J, CLP01	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
206-44-0	Fluoranthene	64	J, CLP01	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
86-73-7	Fluorene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1610SFX **Lab ID: C121007-48** **MD No:**
Station ID: WA1610X **Matrix: Surface Soil** **D No: 6N75 DATAC**

Date Collected: 2/15/12 10:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	210	U, J, CLP16, QS-4	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
78-59-1	Isophorone	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
91-20-3	Naphthalene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	410	U, J, CLP16	ug/kg dry	410	2/21/12	2/27/12	CLP SOM01.2 B
85-01-8	Phenanthrene	37	J, CLP01	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
108-95-2	Phenol	210	U	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
129-00-0	Pyrene	68	J, CLP01	ug/kg dry	210	2/21/12	2/27/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
83-47-6	.gamma.-Sitosterol	300	NJ, CLP15	ug/kg dry		2/21/12	2/27/12	CLP SOM01.2 B
107-41-5	Hexylene glycol	1000	NJ, CLP15	ug/kg dry		2/21/12	2/27/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/21/12	2/27/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	1000	J, CLP15	ug/kg dry		2/21/12	2/27/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1614SF **Lab ID: C121007-49** **MD No:**
Station ID: WA1614 **Matrix: Surface Soil** **D No: 6N36 DATAC**

Date Collected: 2/14/12 17:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	27		%		2/20/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	230	U, J, CLP25	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	450	U, J, CLP16	ug/kg dry	450	2/20/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	450	U, J, QS-4	ug/kg dry	450	2/20/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	25	J, CLP01	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	450	U	ug/kg dry	450	2/20/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	230	U, J, QS-4	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	450	U	ug/kg dry	450	2/20/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	230	U, J, QS-4	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	450	U	ug/kg dry	450	2/20/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	450	U	ug/kg dry	450	2/20/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1614SF **Lab ID:** C121007-49 **MD No:**
Station ID: WA1614 **Matrix:** Surface Soil **D No:** 6N36 DATAC

Date Collected: 2/14/12 17:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	24	J, CLP01	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	53	J, CLP01, CLP25	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	270	J, CLP25	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	180	J, CLP01	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	280		ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	62	J, CLP01	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	76	J, CLP01	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	42	J, CLP01	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	280		ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	34	J, CLP01	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	510		ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1614SF **Lab ID: C121007-49** **MD No:**
Station ID: WA1614 **Matrix: Surface Soil** **D No: 6N36 DATAC**

Date Collected: 2/14/12 17:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	230	U, J, CLP16, QS-4	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	98	J, CLP01	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	450	U, J, CLP16	ug/kg dry	450	2/20/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	340		ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	470		ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
83-46-5	.beta.-Sitosterol	300	NJ, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/20/12	2/24/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	600	J, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: WA1616SF

Station ID: WA1616

Lab ID: C121007-50

Matrix: Surface Soil

MD No:

D No: 6N37 DATAC

Date Collected: 2/15/12 11:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	26		%		2/20/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	230	U, J, CLP25	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	450	U, J, CLP16	ug/kg dry	450	2/20/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	450	U	ug/kg dry	450	2/20/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	26	J, CLP01	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	450	U	ug/kg dry	450	2/20/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	230	U, R, QS-4	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	450	U	ug/kg dry	450	2/20/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	230	U, R, QS-4	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	450	U	ug/kg dry	450	2/20/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	450	U	ug/kg dry	450	2/20/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1616SF **Lab ID: C121007-50** **MD No:**
Station ID: WA1616 **Matrix: Surface Soil** **D No: 6N37 DATAC**

Date Collected: 2/15/12 11:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	54	J, CLP01, CLP25	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	230	J, CLP01, CLP25	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	180	J, CLP01, QS-3	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	290	J, QS-3	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	57	J, CLP01, QS-3	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	80	J, CLP01, QS-3	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	32	J, CLP01	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	250		ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	27	J, QS-3, CLP01	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	440		ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1616SF **Lab ID: C121007-50** **MD No:**
Station ID: WA1616 **Matrix: Surface Soil** **D No: 6N37 DATAC**

Date Collected: 2/15/12 11:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
86-73-7	Fluorene	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	230	U, R, CLP16, QS-4	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	95	J, CLP01, QS-3	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	450	U, J, CLP16	ug/kg dry	450	2/20/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	280		ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	230	U	ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	440		ug/kg dry	230	2/20/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
83-46-5	.beta.-Sitosterol	700	NJ, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B
14811-95-1	1,19-Eicosadiene	200	NJ, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B
930-02-9	Octadecane, 1-(ethenyloxy)-	300	NJ, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B
7320-37-8	Oxirane, tetradecyl-	300	NJ, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/20/12	2/24/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	2000	J, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1618SF **Lab ID: C121007-51** **MD No:**
Station ID: WA1618 **Matrix: Surface Soil** **D No: 6N71 DATAC**

Date Collected: 2/15/12 10:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	21		%		2/21/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	2100	U, J, CLP25	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	4100	U, J, CLP16	ug/kg dry	4100	2/21/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	4100	U	ug/kg dry	4100	2/21/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	4100	U	ug/kg dry	4100	2/21/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	4100	U	ug/kg dry	4100	2/21/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	2100	U, J, CLP16	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	2100	U, J, CLP16	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	4100	U, J, QC-1	ug/kg dry	4100	2/21/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	4100	U	ug/kg dry	4100	2/21/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: WA1618SF

Station ID: WA1618

Lab ID: C121007-51

Matrix: Surface Soil

MD No:

D No: 6N71 DATAC

Date Collected: 2/15/12 10:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	2100	U, J, CLP25	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	380	J, CLP01, CLP25	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	270	J, CLP01	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	360	J, CLP01	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	310	J, CLP01	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	2100	U, J, CLP16	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	660	J, CLP01	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	2100	U, J, CLP16	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: WA1618SF
Station ID: WA1618

Lab ID: C121007-51
Matrix: Surface Soil

MD No:
D No: 6N71 DATAC

Date Collected: 2/15/12 10:40

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	2100	U, J, CLP16	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	210	J, CLP01	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	4100	U, J, CLP16	ug/kg dry	4100	2/21/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	510	J, CLP01	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	770	J, CLP01	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
R4-6501	Unidentified Compound(s)	7000	J, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: WA1620SF

Lab ID: C121007-52

MD No:

Station ID: WA1620

Matrix: Surface Soil

D No: 6N38 DATAC

Date Collected: 2/15/12 11:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	24		%		2/20/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	2200	U, J, CLP25	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	4400	U, J, CLP16	ug/kg dry	4400	2/20/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	4400	U	ug/kg dry	4400	2/20/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	4400	U	ug/kg dry	4400	2/20/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	4400	U	ug/kg dry	4400	2/20/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	4400	U	ug/kg dry	4400	2/20/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	4400	U	ug/kg dry	4400	2/20/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	370	J, CLP01	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1620SF **Lab ID: C121007-52** **MD No:**
Station ID: WA1620 **Matrix: Surface Soil** **D No: 6N38 DATAC**

Date Collected: 2/15/12 11:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	1700	J, CLP01, CLP25	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	3700	J, CLP25	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	2400		ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	3300		ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	1100	J, CLP01	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	1200	J, CLP01	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	1200	J, CLP01	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	3500		ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	410	J, CLP01	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	500	J, CLP01	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	8600		ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	460	J, CLP01	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: WA1620SF
Station ID: WA1620

Lab ID: C121007-52
Matrix: Surface Soil

MD No:
D No: 6N38 DATAC

Date Collected: 2/15/12 11:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	2200	U, J, CLP16	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	1300	J, CLP01	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	4400	U, J, CLP16	ug/kg dry	4400	2/20/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	8100		ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	8300		ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	2000	U	ug/kg dry	2000	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1620SFS **Lab ID: C121007-53** **MD No:**
Station ID: WA1620 **Matrix: Surface Soil** **D No: 6N83 DATAC**

Date Collected: 2/15/12 11:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	24		%		2/21/12	2/27/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	2200	U, J, CLP25	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	4200	U, J, CLP16	ug/kg dry	4200	2/21/12	2/27/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	4200	U	ug/kg dry	4200	2/21/12	2/27/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	4200	U	ug/kg dry	4200	2/21/12	2/27/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	4200	U	ug/kg dry	4200	2/21/12	2/27/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	4200	U	ug/kg dry	4200	2/21/12	2/27/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	4200	U	ug/kg dry	4200	2/21/12	2/27/12	CLP SOM01.2 B
83-32-9	Acenaphthene	400	J, CLP01	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: WA1620SFS
Station ID: WA1620

Lab ID: C121007-53
Matrix: Surface Soil

MD No:
D No: 6N83 DATAC

Date Collected: 2/15/12 11:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
98-86-2	Acetophenone	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
120-12-7	Anthracene	2500	J, CLP25	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
1912-24-9	Atrazine	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	5000	J, CLP25	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	3200		ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	5200		ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	750	J, CLP01	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	1500	J, CLP01	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
105-60-2	Caprolactam	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
86-74-8	Carbazole	1600	J, CLP01	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
218-01-9	Chrysene	4600		ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	390	J, CLP01	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	610	J, CLP01	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
206-44-0	Fluoranthene	11000		ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
86-73-7	Fluorene	570	J, CLP01	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
77-47-4	Hexachlorocyclopentadiene (HCCP)	2200	U, J, CLP16	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1620SFS **Lab ID: C121007-53** **MD No:**
Station ID: WA1620 **Matrix: Surface Soil** **D No: 6N83 DATAC**

Date Collected: 2/15/12 11:35

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
67-72-1	Hexachloroethane	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	1100	J, CLP01	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
78-59-1	Isophorone	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
91-20-3	Naphthalene	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	4200	U, J, CLP16	ug/kg dry	4200	2/21/12	2/27/12	CLP SOM01.2 B
85-01-8	Phenanthrene	11000		ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
108-95-2	Phenol	2200	U	ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
129-00-0	Pyrene	11000		ug/kg dry	2200	2/21/12	2/27/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
107-41-5	Hexylene glycol	7000	NJ, CLP15	ug/kg dry		2/21/12	2/27/12	CLP SOM01.2 B
198-55-0	Perylene	2000	NJ, CLP15	ug/kg dry		2/21/12	2/27/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1624SF **Lab ID:** C121007-54 **MD No:**
Station ID: WA1624 **Matrix:** Surface Soil **D No:** 6N39 DATAC

Date Collected: 2/15/12 12:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	24		%		2/20/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	220	U, J, CLP25	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	430	U, J, CLP16	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	34	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	220	U, J, QS-4	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	220	U, J, QS-4	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1624SF **Lab ID: C121007-54** **MD No:**
Station ID: WA1624 **Matrix: Surface Soil** **D No: 6N39 DATAC**

Date Collected: 2/15/12 12:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	180	J, CLP01, CLP25	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	510	J, CLP25	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	380		ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	530		ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	74	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	200	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	45	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	500		ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	46	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	45	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	1100		ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	56	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1624SF **Lab ID: C121007-54** **MD No:**
Station ID: WA1624 **Matrix: Surface Soil** **D No: 6N39 DATAC**

Date Collected: 2/15/12 12:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	220	U, J, CLP16, QS-4	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	140	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	430	U, J, CLP16	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	870		ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	1100		ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
83-46-5	.beta.-Sitosterol	300	NJ, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/20/12	2/24/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	500	J, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1626SF **Lab ID: C121007-55** **MD No:**
Station ID: WA1626 **Matrix: Surface Soil** **D No: 6N40 DATAC**

Date Collected: 2/14/12 17:11

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	23		%		2/20/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	220	U, J, CLP25	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	430	U, J, CLP16	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	26	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	220	U, J, QS-4	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	220	U, J, QS-4	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1626SF **Lab ID: C121007-55** **MD No:**
Station ID: WA1626 **Matrix: Surface Soil** **D No: 6N40 DATAC**

Date Collected: 2/14/12 17:11

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	25	J, CLP01, CLP25	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	150	J, CLP01, CLP25	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	140	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	220	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	47	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	66	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	260		ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	23	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	170	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	32	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	350		ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	270		ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: WA1626SF
Station ID: WA1626

Lab ID: C121007-55
Matrix: Surface Soil

MD No:
D No: 6N40 DATAC

Date Collected: 2/14/12 17:11

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	220	U, J, CLP16, QS-4	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	69	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	430	U, J, CLP16	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	150	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	270		ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
83-46-5	.beta.-Sitosterol	400	NJ, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B
112-88-9	1-Octadecene	500	NJ, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B
192-97-2	Benzo[e]pyrene	300	NJ, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/20/12	2/24/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	2000	J, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1702SF **Lab ID: C121007-56** **MD No:**
Station ID: WA1702 **Matrix: Surface Soil** **D No: 6N41 DATAC**

Date Collected: 2/14/12 14:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	24		%		2/20/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	1100	U, J, CLP25	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	2200	U, J, CLP16	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1702SF **Lab ID: C121007-56** **MD No:**
Station ID: WA1702 **Matrix: Surface Soil** **D No: 6N41 DATAC**

Date Collected: 2/14/12 14:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	1100	U, J, CLP25	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	300	J, CLP01, CLP25	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	230	J, CLP01	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	330	J, CLP01	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	300	J, CLP01	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	530	J, CLP01	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1702SF **Lab ID:** C121007-56 **MD No:**
Station ID: WA1702 **Matrix:** Surface Soil **D No:** 6N41 DATAC

Date Collected: 2/14/12 14:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	1100	U, J, CLP16	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	2200	U, J, CLP16	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	310	J, CLP01	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	550	J, CLP01	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
R4-6501	Unidentified Compound(s)	1000	J, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1702SFD **Lab ID: C121007-57** **MD No:**
Station ID: WA1702 **Matrix: Surface Soil** **D No: 6N67 DATAC**

Date Collected: 2/14/12 15:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	20		%		2/21/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	2000	U, J, CLP25	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	4000	U, J, CLP16	ug/kg dry	4000	2/21/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	4000	U	ug/kg dry	4000	2/21/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	4000	U	ug/kg dry	4000	2/21/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	4000	U	ug/kg dry	4000	2/21/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	2000	U, J, CLP16	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	2000	U, J, CLP16	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	4000	U, J, QC-1	ug/kg dry	4000	2/21/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	4000	U	ug/kg dry	4000	2/21/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: WA1702SFD
Station ID: WA1702

Lab ID: C121007-57
Matrix: Surface Soil

MD No:
D No: 6N67 DATAC

Date Collected: 2/14/12 15:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	2000	U, J, CLP25	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	530	J, CLP01, CLP25	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	400	J, CLP01	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	580	J, CLP01	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	480	J, CLP01	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	2000	U, J, CLP16	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	1100	J, CLP01	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	2000	U, J, CLP16	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1702SFD **Lab ID: C121007-57** **MD No:**
Station ID: WA1702 **Matrix: Surface Soil** **D No: 6N67 DATAC**

Date Collected: 2/14/12 15:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	2000	U, J, CLP16	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	310	J, CLP01	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	4000	U, J, CLP16	ug/kg dry	4000	2/21/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	980	J, CLP01	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	2000	U	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	1200	J, CLP01	ug/kg dry	2000	2/21/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
107-41-5	Hexylene glycol	4000	NJ, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1702SFX **Lab ID:** C121007-58 **MD No:**
Station ID: WA1702X **Matrix:** Surface Soil **D No:** 6N68 DATAC

Date Collected: 2/14/12 15:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	18		%		2/21/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	190	U, J, CLP25	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	380	U, J, CLP16	ug/kg dry	380	2/21/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	380	U	ug/kg dry	380	2/21/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	36	J, CLP01	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	380	U	ug/kg dry	380	2/21/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	190	U, J, QS-4	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	380	U	ug/kg dry	380	2/21/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	190	U, J, CLP16, QS-4	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	190	U, J, CLP16	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	380	U, J, QC-1	ug/kg dry	380	2/21/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	380	U	ug/kg dry	380	2/21/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	120	J, CLP01	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1702SFX **Lab ID: C121007-58** **MD No:**
Station ID: WA1702X **Matrix: Surface Soil** **D No: 6N68 DATAC**

Date Collected: 2/14/12 15:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	230	J, CLP25	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	700	J, CLP25	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	560		ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	930		ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	80	J, CLP01	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	320		ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	150	J, CLP01	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	670		ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	78	J, CLP01	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	56	J, CLP01, CLP16	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	1600		ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	74	J, CLP01, CLP16	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1702SFX **Lab ID: C121007-58** **MD No:**
Station ID: WA1702X **Matrix: Surface Soil** **D No: 6N68 DATAC**

Date Collected: 2/14/12 15:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	190	U, J, CLP16, QS-4	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	270		ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	380	U, J, CLP16	ug/kg dry	380	2/21/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	1400		ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	190	U	ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	1600		ug/kg dry	190	2/21/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
613-12-7	Anthracene, 2-methyl-	200	NJ, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B
192-97-2	Benzo[e]pyrene	900	NJ, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/21/12	2/24/12	CLP SOM01.2 B
2531-84-2	Phenanthrene, 2-methyl-	300	NJ, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	7000	J, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1704SF **Lab ID: C121007-59** **MD No:**
Station ID: WA1704 **Matrix: Surface Soil** **D No: 6N42 DATAC**

Date Collected: 2/14/12 15:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	24		%		2/20/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	1100	U, J, CLP25	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	2200	U, J, CLP16	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1704SF **Lab ID: C121007-59** **MD No:**
Station ID: WA1704 **Matrix: Surface Soil** **D No: 6N42 DATAC**

Date Collected: 2/14/12 15:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	130	J, CLP01, CLP25	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	540	J, CLP01, CLP25	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	410	J, CLP01	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	600	J, CLP01	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	120	J, CLP01	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	170	J, CLP01	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	540	J, CLP01	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	1100	J, CLP01	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1704SF **Lab ID: C121007-59** **MD No:**
Station ID: WA1704 **Matrix: Surface Soil** **D No: 6N42 DATAC**

Date Collected: 2/14/12 15:45

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	1100	U, J, CLP16	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	180	J, CLP01	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	2200	U, J, CLP16	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	710	J, CLP01	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	1100	J, CLP01	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
R4-6500	Petroleum Product:		N, CLP15			2/20/12	2/24/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	1000	J, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1712SF **Lab ID: C121007-60** **MD No:**

Station ID: WA1712 **Matrix: Surface Soil** **D No: 6N43 DATAC**

Date Collected: 2/14/12 16:18

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	23		%		2/20/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	1100	U, J, CLP25	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	2100	U, J, CLP16	ug/kg dry	2100	2/20/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	2100	U	ug/kg dry	2100	2/20/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	2100	U	ug/kg dry	2100	2/20/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	2100	U	ug/kg dry	2100	2/20/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	2100	U	ug/kg dry	2100	2/20/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	2100	U	ug/kg dry	2100	2/20/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1712SF **Lab ID: C121007-60** **MD No:**
Station ID: WA1712 **Matrix: Surface Soil** **D No: 6N43 DATAC**

Date Collected: 2/14/12 16:18

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	1100	U, J, CLP25	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	450	J, CLP25, CLP01	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	370	J, CLP01	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	520	J, CLP01	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	130	J, CLP01	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	170	J, CLP01	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	500	J, CLP01	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	750	J, CLP01	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1712SF **Lab ID: C121007-60** **MD No:**
Station ID: WA1712 **Matrix: Surface Soil** **D No: 6N43 DATAC**

Date Collected: 2/14/12 16:18

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	1100	U, J, CLP16	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	220	J, CLP01	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	2100	U, J, CLP16	ug/kg dry	2100	2/20/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	400	J, CLP01	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	1100	U	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	790	J, CLP01	ug/kg dry	1100	2/20/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
R4-6500	Petroleum Product:		N, CLP15			2/20/12	2/24/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	1000	J, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1714SF **Lab ID: C121007-61** **MD No:**

Station ID: WA1714 **Matrix: Surface Soil** **D No: 6N44 DATAC**

Date Collected: 2/14/12 13:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	22		%		2/20/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	220	U, J, CLP25	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	430	U, J, CLP16	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	52	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	220	U, J, QS-4	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	220	U, J, QS-4	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1714SF **Lab ID: C121007-61** **MD No:**
Station ID: WA1714 **Matrix: Surface Soil** **D No: 6N44 DATAC**

Date Collected: 2/14/12 13:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	32	J, CLP01, CLP25	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	210	J, CLP01, CLP25	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	180	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	300		ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	42	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	83	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	450		ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	250		ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	25	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	360		ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1714SF **Lab ID: C121007-61** **MD No:**
Station ID: WA1714 **Matrix: Surface Soil** **D No: 6N44 DATAC**

Date Collected: 2/14/12 13:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	220	U, J, CLP16, QS-4	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	82	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	430	U, J, CLP16	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	170	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	370		ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
83-46-5	.beta.-Sitosterol	400	NJ, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B
661-19-8	Behenic alcohol	200	NJ, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/20/12	2/24/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	900	J, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1716SF **Lab ID: C121007-62** **MD No:**
Station ID: WA1716 **Matrix: Surface Soil** **D No: 6N45 DATAC**

Date Collected: 2/14/12 13:34

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	23		%		2/20/12	2/27/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	220	U, J, CLP25	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	430	U, J, CLP16	ug/kg dry	430	2/20/12	2/27/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	430	U, J, QS-4	ug/kg dry	430	2/20/12	2/27/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	32	J, CLP01	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	430	U	ug/kg dry	430	2/20/12	2/27/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	220	U, J, QS-4	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	430	U	ug/kg dry	430	2/20/12	2/27/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	220	U, J, QS-4	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	430	U	ug/kg dry	430	2/20/12	2/27/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	430	U	ug/kg dry	430	2/20/12	2/27/12	CLP SOM01.2 B
83-32-9	Acenaphthene	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1716SF **Lab ID: C121007-62** **MD No:**
Station ID: WA1716 **Matrix: Surface Soil** **D No: 6N45 DATAC**

Date Collected: 2/14/12 13:34

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	24	J, CLP01	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
98-86-2	Acetophenone	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
120-12-7	Anthracene	95	J, CLP01, CLP25	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
1912-24-9	Atrazine	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	360	J, CLP25	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	270		ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	380		ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	90	J, CLP01	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	110	J, CLP01	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
105-60-2	Caprolactam	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
86-74-8	Carbazole	47	J, CLP01	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
218-01-9	Chrysene	370		ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	42	J, CLP01	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	36	J, CLP01	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
206-44-0	Fluoranthene	690		ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
86-73-7	Fluorene	28	J, CLP01	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1716SF **Lab ID: C121007-62** **MD No:**
Station ID: WA1716 **Matrix: Surface Soil** **D No: 6N45 DATAC**

Date Collected: 2/14/12 13:34

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	220	U, J, CLP16, QS-4	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	160	J, CLP01	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
78-59-1	Isophorone	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
91-20-3	Naphthalene	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	430	U, J, CLP16	ug/kg dry	430	2/20/12	2/27/12	CLP SOM01.2 B
85-01-8	Phenanthrene	540		ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
108-95-2	Phenol	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
129-00-0	Pyrene	730		ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
R4-6500	Petroleum Product:		N, CLP15			2/20/12	2/27/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	700	J, CLP15	ug/kg dry		2/20/12	2/27/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1716SFX **Lab ID: C121007-63** **MD No:**
Station ID: WA1716X **Matrix: Surface Soil** **D No: 6N62 DATAC**

Date Collected: 2/14/12 13:34

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	22		%		2/21/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	220	U, J, CLP25	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	420	U, J, CLP16	ug/kg dry	420	2/21/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	420	U	ug/kg dry	420	2/21/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	47	J, CLP01	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	420	U	ug/kg dry	420	2/21/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	220	U, J, QS-4	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	420	U	ug/kg dry	420	2/21/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	220	U, J, CLP16, QS-4	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	220	U, J, CLP16	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	420	U, J, QC-1	ug/kg dry	420	2/21/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	420	U	ug/kg dry	420	2/21/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1716SFX **Lab ID: C121007-63** **MD No:**
Station ID: WA1716X **Matrix: Surface Soil** **D No: 6N62 DATAC**

Date Collected: 2/14/12 13:34

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	22	J, CLP01	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	75	J, CLP01, CLP25	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	390	J, CLP25	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	350		ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	540		ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	66	J, CLP01	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	190	J, CLP01	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	36	J, CLP01	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	390		ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	42	J, CLP01	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	22	J, CLP01, CLP16	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	700		ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	220	U, J, CLP16	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: WA1716SFX
Station ID: WA1716X

Lab ID: C121007-63
Matrix: Surface Soil

MD No:
D No: 6N62 DATAC

Date Collected: 2/14/12 13:34

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	220	U, J, QS-4, CLP16	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	170	J, CLP01	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	420	U, J, CLP16	ug/kg dry	420	2/21/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	370		ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	220	U	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	800	J, QM-3	ug/kg dry	220	2/21/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
192-97-2	Benzo[e]pyrene	400	NJ, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B
57-88-5	Cholesterol	600	NJ, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/21/12	2/24/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	7000	J, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: WA1722SF

Station ID: WA1722

Lab ID: C121007-64

Matrix: Surface Soil

MD No:

D No: 6N60 DATAC

Date Collected: 2/14/12 12:11

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	23		%		2/21/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	1100	U, J, CLP25	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	2100	U, J, CLP16	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	1100	U, J, CLP16	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	1100	U, J, CLP16	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	2100	U, J, QC-1	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	2100	U	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1722SF **Lab ID: C121007-64** **MD No:**
Station ID: WA1722 **Matrix: Surface Soil** **D No: 6N60 DATAC**

Date Collected: 2/14/12 12:11

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	120	J, CLP01, CLP25	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	630	J, CLP01, CLP25	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	550	J, CLP01	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	650	J, CLP01	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	190	J, CLP01	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	290	J, CLP01	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	560	J, CLP01	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	1100	U, J, CLP16	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	1100	J, CLP01	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	1100	U, J, CLP16	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: WA1722SF

Lab ID: C121007-64

MD No:

Station ID: WA1722

Matrix: Surface Soil

D No: 6N60 DATAC

Date Collected: 2/14/12 12:11

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	1100	U, J, CLP16	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	440	J, CLP01	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	2100	U, J, CLP16	ug/kg dry	2100	2/21/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	560	J, CLP01	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	1100	U	ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	1300		ug/kg dry	1100	2/21/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
R4-6500	Petroleum Product:		N, CLP15			2/21/12	2/24/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	2000	J, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1728SF **Lab ID: C121007-65** **MD No:**
Station ID: WA1728 **Matrix: Surface Soil** **D No: 6N46 DATAC**

Date Collected: 2/14/12 11:48

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	22		%		2/20/12	2/27/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	220	U, J, CLP25	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	420	U, J, CLP16	ug/kg dry	420	2/20/12	2/27/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	420	U	ug/kg dry	420	2/20/12	2/27/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	29	J, CLP01	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	420	U	ug/kg dry	420	2/20/12	2/27/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	220	U, J, QS-4	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	420	U	ug/kg dry	420	2/20/12	2/27/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	220	U, J, QS-4	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	420	U	ug/kg dry	420	2/20/12	2/27/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	420	U	ug/kg dry	420	2/20/12	2/27/12	CLP SOM01.2 B
83-32-9	Acenaphthene	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1728SF **Lab ID: C121007-65** **MD No:**
Station ID: WA1728 **Matrix: Surface Soil** **D No: 6N46 DATAC**

Date Collected: 2/14/12 11:48

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
98-86-2	Acetophenone	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
120-12-7	Anthracene	43	J, CLP01, CLP25	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
1912-24-9	Atrazine	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	230	J, CLP25	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	190	J, CLP01	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	300		ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	66	J, CLP01	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	96	J, CLP01	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
105-60-2	Caprolactam	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
86-74-8	Carbazole	33	J, CLP01	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
218-01-9	Chrysene	270		ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	33	J, CLP01	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
206-44-0	Fluoranthene	400		ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
86-73-7	Fluorene	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1728SF **Lab ID: C121007-65** **MD No:**
Station ID: WA1728 **Matrix: Surface Soil** **D No: 6N46 DATAC**

Date Collected: 2/14/12 11:48

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	220	U, J, QS-4, CLP16	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	120	J, CLP01	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
78-59-1	Isophorone	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
91-20-3	Naphthalene	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	420	U, J, CLP16	ug/kg dry	420	2/20/12	2/27/12	CLP SOM01.2 B
85-01-8	Phenanthrene	220		ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
108-95-2	Phenol	220	U	ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
129-00-0	Pyrene	430		ug/kg dry	220	2/20/12	2/27/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
7494-34-0	26-Nor-5-cholesten-3.beta.-ol-25-one	600	NJ, CLP15	ug/kg dry		2/20/12	2/27/12	CLP SOM01.2 B
192-97-2	Benzo[e]pyrene	300	NJ, CLP15	ug/kg dry		2/20/12	2/27/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/20/12	2/27/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	2000	J, CLP15	ug/kg dry		2/20/12	2/27/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1732SF **Lab ID: C121007-66** **MD No:**
Station ID: WA1732 **Matrix: Surface Soil** **D No: 6N47 DATAC**

Date Collected: 2/14/12 10:24

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	23		%		2/20/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	2200	U, J, CLP25	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	4300	U, J, CLP16	ug/kg dry	4300	2/20/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	4300	U	ug/kg dry	4300	2/20/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	4300	U	ug/kg dry	4300	2/20/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	4300	U	ug/kg dry	4300	2/20/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	4300	U	ug/kg dry	4300	2/20/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	4300	U	ug/kg dry	4300	2/20/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	310	J, CLP01	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1732SF **Lab ID: C121007-66** **MD No:**
Station ID: WA1732 **Matrix: Surface Soil** **D No: 6N47 DATAC**

Date Collected: 2/14/12 10:24

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	980	J, CLP01, CLP25	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	3300	J, CLP25	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	2000	J, CLP01	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	3500		ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	790	J, CLP01	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	1100	J, CLP01	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	970	J, CLP01	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	3700		ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	360	J, CLP01	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	360	J, CLP01	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	8900		ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1732SF **Lab ID: C121007-66** **MD No:**
Station ID: WA1732 **Matrix: Surface Soil** **D No: 6N47 DATAC**

Date Collected: 2/14/12 10:24

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	2200	U, J, CLP16	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	1200	J, CLP01	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	4300	U, J, CLP16	ug/kg dry	4300	2/20/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	7400		ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	2200	U	ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	7900		ug/kg dry	2200	2/20/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	2000	U	ug/kg dry	2000	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1734SF **Lab ID: C121007-67** **MD No:**
Station ID: WA1734 **Matrix: Surface Soil** **D No: 6N48 DATAC**

Date Collected: 2/14/12 9:52

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	24		%		2/20/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	220	U, J, CLP25	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	430	U, J, CLP16	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	220	U, J, QS-4	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	220	U, J, QS-4	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	430	U	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals

Contract Lab Case: 42229

Sample ID: WA1734SF

Lab ID: C121007-67

MD No:

Station ID: WA1734

Matrix: Surface Soil

D No: 6N48 DATAC

Date Collected: 2/14/12 9:52

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	220	U, J, CLP25	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	92	J, CLP01, CLP25	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	79	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	130	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	25	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	41	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	110	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	180	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1734SF **Lab ID: C121007-67** **MD No:**
Station ID: WA1734 **Matrix: Surface Soil** **D No: 6N48 DATAC**

Date Collected: 2/14/12 9:52

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	220	U, J, CLP16, QS-4	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	44	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	430	U, J, CLP16	ug/kg dry	430	2/20/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	96	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	220	U	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	180	J, CLP01	ug/kg dry	220	2/20/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
83-47-6	.gamma.-Sitosterol	800	NJ, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B
192-97-2	Benzo[e]pyrene	200	NJ, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/20/12	2/24/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	3000	J, CLP15	ug/kg dry		2/20/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1740SF **Lab ID: C121007-68** **MD No:**
Station ID: WA1740 **Matrix: Surface Soil** **D No: 6N49 DATAC**

Date Collected: 2/14/12 11:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
E1644012	% Moisture	18		%		2/21/12	2/24/12	CLP BNA
1319-77-3	(3-and/or 4-)Methylphenol	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
92-52-4	1,1-Biphenyl	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
95-94-3	1,2,4,5-Tetrachlorobenzene	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
58-90-2	2,3,4,6-Tetrachlorophenol	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
95-95-4	2,4,5-Trichlorophenol	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
88-06-2	2,4,6-Trichlorophenol	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
120-83-2	2,4-Dichlorophenol	210	U, J, CLP25	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
105-67-9	2,4-Dimethylphenol	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
51-28-5	2,4-Dinitrophenol	400	U, J, CLP16	ug/kg dry	400	2/21/12	2/24/12	CLP SOM01.2 B
121-14-2	2,4-Dinitrotoluene	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
606-20-2	2,6-Dinitrotoluene	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
91-58-7	2-Chloronaphthalene	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
95-57-8	2-Chlorophenol	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
534-52-1	2-Methyl-4,6-dinitrophenol	400	U	ug/kg dry	400	2/21/12	2/24/12	CLP SOM01.2 B
91-57-6	2-Methylnaphthalene	23	J, CLP01	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
95-48-7	2-Methylphenol	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
88-74-4	2-Nitroaniline	400	U	ug/kg dry	400	2/21/12	2/24/12	CLP SOM01.2 B
88-75-5	2-Nitrophenol	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
91-94-1	3,3'-Dichlorobenzidine	210	U, J, QS-4	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
99-09-2	3-Nitroaniline	400	U	ug/kg dry	400	2/21/12	2/24/12	CLP SOM01.2 B
101-55-3	4-Bromophenyl phenyl ether	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
59-50-7	4-Chloro-3-methylphenol	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
106-47-8	4-Chloroaniline	210	U, J, CLP16, QS-4	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
7005-72-3	4-Chlorophenyl phenyl ether	210	U, J, CLP16	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
100-01-6	4-Nitroaniline	400	U, J, QC-1	ug/kg dry	400	2/21/12	2/24/12	CLP SOM01.2 B
100-02-7	4-Nitrophenol	400	U	ug/kg dry	400	2/21/12	2/24/12	CLP SOM01.2 B
83-32-9	Acenaphthene	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1740SF **Lab ID: C121007-68** **MD No:**
Station ID: WA1740 **Matrix: Surface Soil** **D No: 6N49 DATAC**

Date Collected: 2/14/12 11:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
208-96-8	Acenaphthylene	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
98-86-2	Acetophenone	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
120-12-7	Anthracene	24	J, CLP01, CLP25	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
1912-24-9	Atrazine	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
100-52-7	Benzaldehyde	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
56-55-3	Benzo(a)anthracene	130	J, CLP01, CLP25	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
50-32-8	Benzo(a)pyrene	120	J, CLP01	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
205-99-2	Benzo(b)fluoranthene	190	J, CLP01	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
191-24-2	Benzo(g,h,i)perylene	33	J, CLP01	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
207-08-9	Benzo(k)fluoranthene	60	J, CLP01	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
85-68-7	Benzyl butyl phthalate	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
111-91-1	Bis(2-chloroethoxy)methane	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
111-44-4	bis(2-Chloroethyl) Ether	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
39638-32-9	Bis(2-chloroisopropyl) ether	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
117-81-7	Bis(2-ethylhexyl) phthalate	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
105-60-2	Caprolactam	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
86-74-8	Carbazole	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
218-01-9	Chrysene	130	J, CLP01	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
53-70-3	Dibenzo(a,h)anthracene	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
132-64-9	Dibenzofuran	210	U, J, CLP16	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
84-66-2	Diethyl phthalate	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
131-11-3	Dimethyl phthalate	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
84-74-2	Di-n-butylphthalate	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
117-84-0	Di-n-octylphthalate	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
206-44-0	Fluoranthene	220		ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
86-73-7	Fluorene	210	U, J, CLP16	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
118-74-1	Hexachlorobenzene (HCB)	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
87-68-3	Hexachlorobutadiene	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 12-0195
Project: 12-0221, Black Leaf Chemicals - Reported by Jeffrey Hendel

Semi Volatile Organics

Project: 12-0221, Black Leaf Chemicals **Contract Lab Case: 42229**

Sample ID: WA1740SF **Lab ID: C121007-68** **MD No:**

Station ID: WA1740 **Matrix: Surface Soil** **D No: 6N49 DATAC**

Date Collected: 2/14/12 11:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
77-47-4	Hexachlorocyclopentadiene (HCCP)	210	U, J, QS-4, CLP16	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
67-72-1	Hexachloroethane	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
193-39-5	Indeno (1,2,3-cd) pyrene	80	J, CLP01	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
78-59-1	Isophorone	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
91-20-3	Naphthalene	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
98-95-3	Nitrobenzene	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
621-64-7	n-Nitroso di-n-Propylamine	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
87-86-5	Pentachlorophenol	400	U, J, CLP16	ug/kg dry	400	2/21/12	2/24/12	CLP SOM01.2 B
85-01-8	Phenanthrene	130	J, CLP01	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
108-95-2	Phenol	210	U	ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
129-00-0	Pyrene	250		ug/kg dry	210	2/21/12	2/24/12	CLP SOM01.2 B
Tentatively Identified Compounds:								
83-46-5	.beta.-Sitosterol	800	NJ, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B
107-41-5	Hexylene glycol	600	NJ, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B
R4-6500	Petroleum Product:		N, CLP15			2/21/12	2/24/12	CLP SOM01.2 B
R4-6501	Unidentified Compound(s)	5000	J, CLP15	ug/kg dry		2/21/12	2/24/12	CLP SOM01.2 B

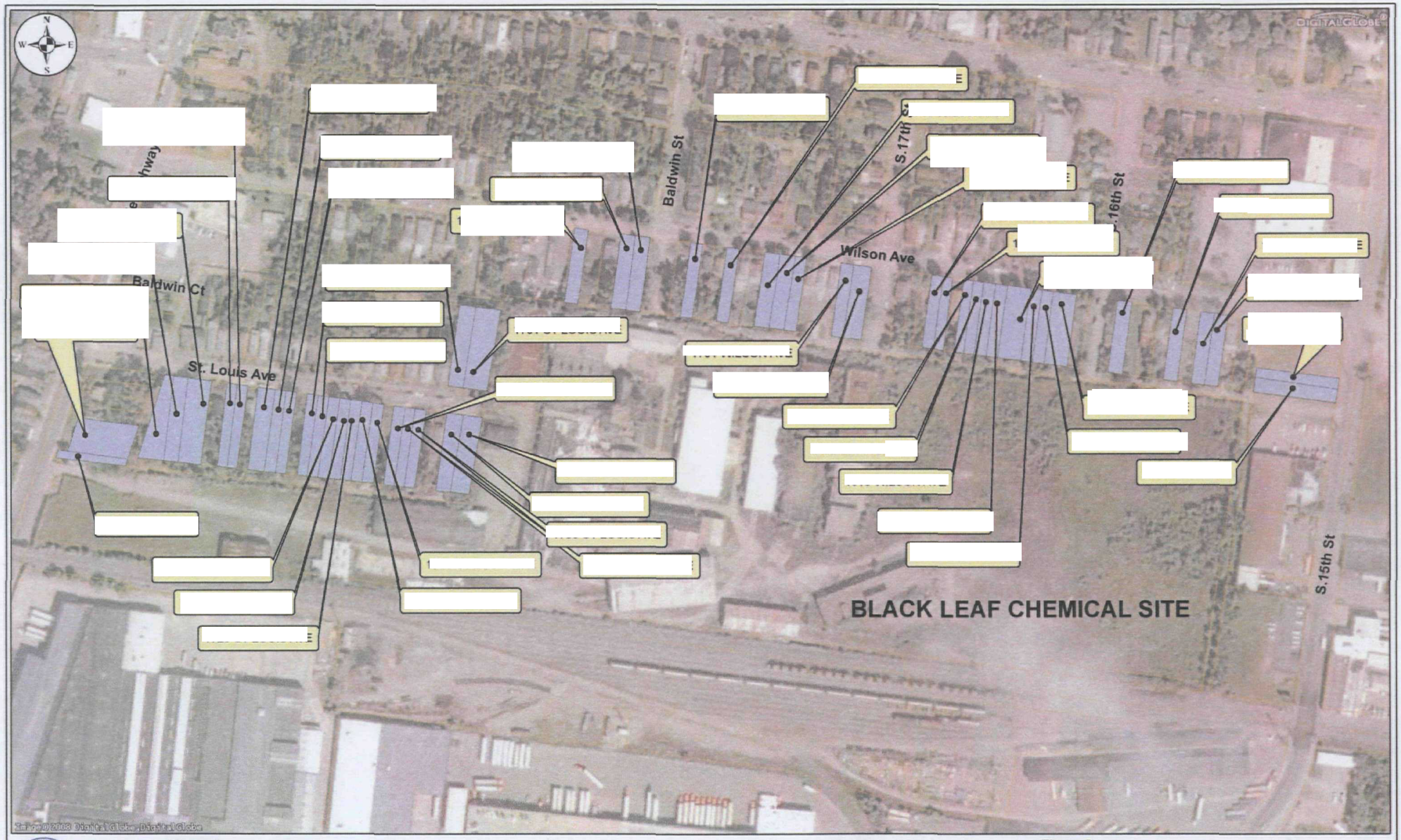

Figure 2
Sample Location Map, Residential/Off-Site Soil Samples
Black Leaf Chemical Removal Assessment
Louisville, Kentucky

1 of 1



Key:

Sample Station: Station ID: Sample name

0 50 100 200 300 400 500 Feet

SESD Proj. ID: 12-0195

Figure 3
Sample Location Map, On-Site Locations
Black Leaf Chemical Removal Assessment
Louisville, Kentucky



Note: Physical address (street address) provided adjacent to sampled parcel.

SESD Proj. ID: 12-0195

Figure 4
Lead Results, Surface Soil
Residential/Off-Site Locations
Black Leaf Chemical Removal Assessment
Louisville, Kentucky

1 of 1

Metals Analytical Data Summary, Part 1
Black Leaf Chemical Removal Assessment
Louisville, Kentucky
February 14 - 15, 2012
SESD Proj. ID: 12-0195

Station ID				BC01	BC02	BC02	BC03	BC04	DH1385	DH1389	SF1338
Sample ID				BC01SF	BC02SB	BC02SF	BC03SF	BC04SF	DH1385SF	DH1389SF	SF1338SF
Media Code				SF	SB	SF	SF	SF	SF	SF	SF
Sample Date/Time				2/15/2012	2/15/2012	2/15/2012	2/15/2012	2/15/2012	2/14/2012	2/14/2012	2/14/2012
Analyte	Units	RSL[1]	RAL/RML[2]								
Arsenic	mg/kg dry	0.39	39	**4.4**	**9.8**	**10**	**1.7**	**0.83**	**15**	**11**	**7.9**
Lead	mg/kg dry	400	400	10	170	140	7.6	2.7	140	240	250

Station ID				SF1340	SF1340	SL1700	SL1701	SL1701	SL1701X	SL1702	SL1703
Sample ID				SF1340SF	SF1340SFD	SL1700SF	SL1701SF	SL1701SFS	SL1701SFX	SL1702SF	SL1703SF
Media Code				SF	SF	SF	SF	SF	SF	SF	SF
Sample Date/Time				2/14/2012	2/14/2012	2/15/2012	2/15/2012	2/15/2012	2/15/2012	2/15/2012	2/15/2012
Analyte	Units	RSL	RAL/RML								
Arsenic	mg/kg dry	0.39	39	**9.1**	**9.5**	**7.2**	**9.3**	**9.4**	**10**	**7.1**	**10**
Lead	mg/kg dry	400	400	110	120	120	130	130	140	100	180

Station ID				SL1708	SL1710	SL1712	SL1714	SL1716	SL1718	SL1720	SL1722
Sample ID				SL1708SF	SL1710SF	SL1712SF	SL1714SF	SL1716SF	SL1718SF	SL1720SF	SL1722SF
Media Code				SF	SF	SF	SF	SF	SF	SF	SF
Sample Date/Time				2/15/2012	2/15/2012	2/15/2012	2/15/2012	2/15/2012	2/15/2012	2/15/2012	2/15/2012
Analyte	Units	RSL	RAL/RML								
Arsenic	mg/kg dry	0.39	39	**6.7**	**7.4**	**8.2**	**8.3**	**9.8**	**10**	**9.2**	**8.5**
Lead	mg/kg dry	400	400	240	260 J	230	260	270	250	190	260

Data Qualifiers:
U - The analyte was not detected at or above the reporting limit (see Complete Data, Appendices for reporting limits)
J - The identification of the analyte is acceptable; the reported value is an estimate.

Notes:
1 - EPA Regional Screening Levels: http://www.epa.gov/region9/superfund/prg/
2 - EPA Removal Action Levels/Risk Management Levels: Personal communication, Tim Frederick, Region 4 EPA Technical Services Section

Results in **bold orange** exceed the analytes Regional Screening Level.
Results in **bold red** exceed both the Regional Screening Level and the Removal Action Level/Risk Management Level

Metals Analytical Data Summary, Part 2
Black Leaf Chemical Removal Assessment
Louisville, Kentucky
February 14 - 15, 2012
SESD Proj. ID: 12-0195

	Station ID			SL1724	SL1726	SL1726	SL1728	SL1732	SL1734	SL1736	SL1740
	Sample ID			SL1724SF	SL1726SF	SL1726SFS	SL1728SF	SL1732SF	SL1734SF	SL1736SF	SL1740SF
	Media Code			SF	SF	SF	SF	SF	SF	SF	SF
	Sample Date/Time			2/15/2012	2/15/2012	2/15/2012	2/15/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012
Analyte	Units	RSL[1]	RAL/RML[2]								
Arsenic	mg/kg dry	0.39	39	**8.1**	**10**	**9.6**	**8.5**	**8.1**	**6.4**	**7.4**	**7.0**
Lead	mg/kg dry	400	400	320	330	310	160	180	170	120	76

	Station ID			SL1740	SL1742	SL1742X	SL1748	SL1750	SL1752	WA1518	WA1518X
	Sample ID			SL1740SFD	SL1742SF	SL1742SFX	SL1748SF	SL1750SF	SL1752SF	WA1518SF	WA1518SFX
	Media Code			SF	SF	SF	SF	SF	SF	SF	SF
	Sample Date/Time			2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012
Analyte	Units	RSL	RAL/RML								
Arsenic	mg/kg dry	0.39	39	**8.5**	**8.3**	**7.2**	**50**	**8.1**	**8.8**	**10**	**8.1**
Lead	mg/kg dry	400	400	92	230	320	**420**	360	**410**	330	270

	Station ID			WA1520	WA1526	WA1534	WA1602	WA1606	WA1608	WA1610	WA1610X
	Sample ID			WA1520SF	WA1526SF	WA1534SF	WA1602SF	WA1606SF	WA1608SF	WA1610SF	WA1610SFX
	Media Code			SF	SF	SF	SF	SF	SF	SF	SF
	Sample Date/Time			2/14/2012	2/14/2012	2/15/2012	2/14/2012	2/14/2012	2/14/2012	2/15/2012	2/15/2012
Analyte	Units	RSL	RAL/RML								
Arsenic	mg/kg dry	0.39	39	**6.5**	**7.3**	**7.1**	**7.5**	**8.1**	**11**	**9.1**	**8.1**
Lead	mg/kg dry	400	400	160	290	210	240	150	220	**480**	220

Data Qualifiers:
U - The analyte was not detected at or above the reporting limit (see Complete Data, Appendices for reporting limits)
J - The identification of the analyte is acceptable; the reported value is an estimate.

Notes:
1 - EPA Regional Screening Levels: http://www.epa.gov/region9/superfund/prg/
2 - EPA Removal Action Levels/Risk Management Levels: Personal communication, Tim Frederick, Region 4 EPA Technical Services Section

Results in **bold orange** exceed the analytes Regional Screening Level.
Results in **bold red** exceed both the Regional Screening Level and the Removal Action Level/Risk Management Level

Metals Analytical Data Summary, Part 3
Black Leaf Chemical Removal Assessment
Louisville, Kentucky
February 14 - 15, 2012
SESD Proj. ID: 12-0195

Station ID				WA1614	WA1616	WA1618	WA1620	WA1620	WA1624	WA1626	WA1702
Sample ID				WA1614SF	WA1616SF	WA1618SF	WA1620SF	WA1620SFS	WA1624SF	WA1626SF	WA1702SF
Media Code				SF	SF	SF	SF	SF	SF	SF	SF
Sample Date/Time				2/14/2012	2/15/2012	2/15/2012	2/15/2012	2/15/2012	2/15/2012	2/14/2012	2/14/2012
Analyte	Units	RSL[1]	RAL/RML[2]								
Arsenic	mg/kg dry	0.39	39	**11**	**9.4**	**12**	**8.5**	**8.1**	**9.4**	**8.5**	**8.4**
Lead	mg/kg dry	400	400	350	**490**	390	**590**	**520**	**460**	370	210

Station ID				WA1702	WA1702X	WA1704	WA1712	WA1714	WA1716	WA1716X	WA1722
Sample ID				WA1702SFD	WA1702SFX	WA1704SF	WA1712SF	WA1714SF	WA1716SF	WA1716SFX	WA1722SF
Media Code				SF	SF	SF	SF	SF	SF	SF	SF
Sample Date/Time				2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012
Analyte	Units	RSL	RAL/RML								
Arsenic	mg/kg dry	0.39	39	**8.8**	**7.8**	**7.8**	**8.4**	**8.0**	**7.1**	**6.7**	**9.2**
Lead	mg/kg dry	400	400	360	370	170	300	190	240	180	200

Station ID				WA1728	WA1732	WA1734	WA1740
Sample ID				WA1728SF	WA1732SF	WA1734SF	WA1740SF
Media Code				SF	SF	SF	SF
Sample Date/Time				2/14/2012	2/14/2012	2/14/2012	2/14/2012
Analyte	Units	RSL	RAL/RML				
Arsenic	mg/kg dry	0.39	39	**8.0**	**6.6**	**9.6**	**11**
Lead	mg/kg dry	400	400	**840**	170	110	270

Data Qualifiers:
U - The analyte was not detected at or above the reporting limit (see Complete Data, Appendices for reporting limits)
J - The identification of the analyte is acceptable; the reported value is an estimate.

Notes:
1 - EPA Regional Screening Levels: http://www.epa.gov/region9/superfund/prg/
2 - EPA Removal Action Levels/Risk Management Levels: Personal communication, Tim Frederick, Region 4 EPA Technical Services Section

Results in **bold orange** exceed the analytes Regional Screening Level.
Results in **bold red** exceed both the Regional Screening Level and the Removal Action Level/Risk Management Level

Waste Sample Data Summary, Metals
Black Leaf Chemical Removal Assessment
Louisville, Kentucky
February 14 - 15, 2012
SESD Proj. ID: 12-0195

	Station ID	BC05	BC06	BC07
	Sample ID	BC05WA	BC06WA	BC07WA
	Media Code	WA	WA	WA
	Sample Date/Time	2/15/2012	2/15/2012	2/15/2012
Analyte	Units			
Arsenic	mg/kg	U	10	46
Lead	mg/kg	1.6	**3100**	**450**

Data Qualifiers:
U - The analyte was not detected at or above the reporting limit (see Complete Data, Appendices for reporting limits)
J - The identification of the analyte is acceptable; the reported value is an estimate.

Notes:
1 - EPA Regional Screening Levels: http://www.epa.gov/region9/superfund/prg/
2 - EPA Removal Action Levels/Risk Management Levels: Personal communication, Tim Frederick, Region 4 EPA Technical Services Section

Results in **bold orange** exceed the analytes Regional Screening Level.
Results in **bold red** exceed both the Regional Screening Level and the Removal Action Level/Risk Management Level

Semi-Volatile Organic Compound Analytical Data Summary
Blackleaf Chemical Superfund Site
Louisville, Kentucky
February 2012
SESD Proj. ID: 10-0195

				Station ID	BC01	BC02	BC02	BC03	BC04	DH1385	DH1389	SF1338	SF1340
				Sample ID	BC01SF	BC02SF	BC02SB	BC03SF	BC04SF	DH1385SF	DH1389SF	SF1338SF	SF1340SF
				Media Code	SF	SF	SB	SF	SF	SF	SF	SF	SF
				Sample Date/Time	2/15/12 12:50	2/15/12 13:10	2/15/12 13:25	2/15/12 14:00	2/15/12 14:20	2/14/12 10:30	2/14/12 10:00	2/14/12 11:35	2/14/12 9:50
Analyte	Units	RSL[1]	RAL/RML[2]										
2-Methylnaphthalene	ug/kg dry	310,000	940,000	100 J	58 J	U	U	U	59 J	120 J	34 J	U	
Acenaphthene	ug/kg dry	3,400,000	14,000,000	U	U	U	U	U	U	U	U	U	
Acenaphthylene	ug/kg dry	NA	NA	39 J	37 J	U	U	U	U	U	U	U	
Anthracene	ug/kg dry	17,000,000	7,000,000	63 J	45 J	U	40 J	U	U	U	U	23 J	
Benzo(g,h,i)perylene	ug/kg dry	NA	NA	29 J	32 J	310 J	35 J	U	32 J	45 J	26 J	55 J	
Benzyl butyl phthalate	ug/kg dry	NA	NA	U	U	U	U	U	U	U	U	U	
Bis(2-ethylhexyl) phthalate	ug/kg dry	35,000	3,500,000	U	U	U	320	U	U	770	U	U	
Carbazole	ug/kg dry	NA	NA	27 J	U	U	46 J	U	U	U	U	22 J	
Dibenzofuran	ug/kg dry	78,000	230,000	40 J	25 J	U	U	U	U	35 J	U	U	
Di-n-butylphthalate	ug/kg dry	6,100,000	18,000,000	U	U	U	U	U	U	U	U	U	
Fluoranthene	ug/kg dry	2,300,000	6,900,000	340	260	1100 J	370	U	120 J	200 J	290	450	
Fluorene	ug/kg dry	2,300,000	9,400,000	U	U	U	U	U	U	U	U	U	
Phenanthrene	ug/kg dry	NA	NA	210 J	130 J	870 J	310	19 J	92 J	180 J	140 J	180 J	
Pyrene	ug/kg dry	1,700,000	7,000,000	400	320	1300 J	410	U	190 J	240	340	470	
Carcinogenic PAHs													
Benzo(a)pyrene	ug/kg dry	15	1,500	**150 J**	**150 J**	**570 J**	**150 J**	U	**86 J**	**100 J**	**150 J**	**180 J**	
Dibenzo(a,h)anthracene	ug/kg dry	15	1,500	**30 J**	**29 J**	U	**26 J**	U	U	U	**23 J**	**32 J**	
Benzo(b)fluoranthene	ug/kg dry	150	15,000	**300 J**	**280 J**	**810 J**	**260**	U	**180 J**	**180 J**	**260**	**290**	
Benzo(k)fluoranthene	ug/kg dry	1,500	150,000	92 J	82 J	200 J	90 J	U	56 J	42 J	80 J	110 J	
Benzo(a)anthracene	ug/kg dry	150	15,000	**210 J**	**190 J**	**590 J**	**180 J**	U	83 J	120 J	**150 J**	**200 J**	
Indeno (1,2,3-cd) pyrene	ug/kg dry	150	15,000	110 J	98 J	**480 J**	99 J	U	66 J	87 J	88 J	140 J	
Chrysene	ug/kg dry	15,000	1,500,000	230 J	190 J	560 J	210	U	120 J	130 J	170 J	230	
Benzo(a)pyrene Toxic Equivalent (BAPE)	ug/kg dry	15	1,500	**243.15**	**236.81**	**760.56**	**231.01**	0	**119.58**	**139.25**	**223.77**	**276.33**	

Data Qualifiers:
U - The analyte was not detected at or above the reporting limit (see Complete Data, Appendices for reporting limits)
J - The identification of the analyte is acceptable; the reported value is an estimate.

Notes:
1 - EPA Regional Screening Levels: http://www.epa.gov/region9/superfund/prg/
2 - EPA Removal Action Levels/Risk Management Levels: Personal communication, Tim Frederick, Region 4 EPA Technical Services Section

Results in **bold orange** exceed the analytes Regional Screening Level.
Results in **bold red** exceed both the Regional Screening Level and the Removal Action Level/Risk Management Level

Semi-Volatile Organic Compound Analytical Data Summary
Blackleaf Chemical Superfund Site
Louisville, Kentucky
February 2012
SESD Proj. ID: 10-0195

				Station ID	SF1340	SL1700	SL1701	SL1701	SL1701X	SL1702	SL1703	SL1708	SL1710
				Sample ID	SF1340SFD	SL1700SF	SL1701SF	SL1701SFS	SL1701SFX	SL1702SF	SL1703SF	SL1708SF	SL1710SF
				Media Code	SF	SF	SF	SF	SF	SF	SF	SF	SF
				Sample Date/Time	2/14/12 10:35	2/15/12 10:10	2/15/12 8:55	2/15/12 8:55	2/15/12 9:18	2/15/12 10:33	2/15/12 9:38	2/15/12 10:50	2/15/12 12:17
Analyte	Units	RSL[1]	RAL/RML[2]										
2-Methylnaphthalene	ug/kg dry	310,000	940,000	U	23 J	U	24 J	U	U	25 J	U	23 J	33 J
Acenaphthene	ug/kg dry	3,400,000	14,000,000	U	U	U	U	U	U	U	U	U	U
Acenaphthylene	ug/kg dry	NA	NA	U	U	22 J	U	U	U	U	U	U	U
Anthracene	ug/kg dry	17,000,000	7,000,000	U	25 J	23 J	U	U	U	U	U	23 J	U
Benzo(g,h,i)perylene	ug/kg dry	NA	NA	290 J	26 J	38 J	U	U	24 J	45 J	51 J	U	
Benzyl butyl phthalate	ug/kg dry	NA	NA	U	U	U	U	U	U	U	U	U	U
Bis(2-ethylhexyl) phthalate	ug/kg dry	35,000	3,500,000	U	U	U	U	U	U	U	U	U	440
Carbazole	ug/kg dry	NA	NA	U	32 J	U	U	U	U	U	U	U	U
Dibenzofuran	ug/kg dry	78,000	230,000	U	U	U	U	U	U	U	U	U	U
Di-n-butylphthalate	ug/kg dry	6,100,000	18,000,000	U	U	U	U	U	U	U	U	U	U
Fluoranthene	ug/kg dry	2,300,000	6,900,000	1500 J	290	170 J	170 J	120 J	120 J	110 J	240	190 J	
Fluorene	ug/kg dry	2,300,000	9,400,000	U	U	U	U	U	U	U	U	U	
Phenanthrene	ug/kg dry	NA	NA	700 J	200 J	120 J	100 J	66 J	96 J	78 J	110 J	110 J	
Pyrene	ug/kg dry	1,700,000	7,000,000	1900 J	330	210 J	190 J	120 J	160 J	150 J	290	220	
Carcinogenic PAHs													
Benzo(a)pyrene	ug/kg dry	15	1,500	**700 J**	**140 J**	**110 J**	**93 J**	**70 J**	**71 J**	**82 J**	**140 J**	**110 J**	
Dibenzo(a,h)anthracene	ug/kg dry	15	1,500	U	**24 J**	U	U	U	U	U	**22 J**	U	
Benzo(b)fluoranthene	ug/kg dry	150	15,000	**980 J**	**210 J**	**190 J**	**160 J**	110 J	120 J	140 J	**250 J**	**200 J**	
Benzo(k)fluoranthene	ug/kg dry	1,500	150,000	320 J	60 J	61 J	49 J	34 J	41 J	46 J	76 J	70 J	
Benzo(a)anthracene	ug/kg dry	150	15,000	**800 J**	140 J	110 J	100 J	71 J	75 J	75 J	**150 J**	130 J	
Indeno (1,2,3-cd) pyrene	ug/kg dry	150	15,000	**610 J**	91 J	63 J	43 J	34 J	45 J	71 J	80 J	78 J	
Chrysene	ug/kg dry	15,000	1,500,000	880 J	160 J	120 J	130 J	96 J	83 J	96 J	180 J	140 J	
Benzo(a)pyrene Toxic Equivalent (BAPE)	ug/kg dry	15	1,500	**943.08**	**208.86**	**147.03**	**123.92**	**91.936**	**95.493**	**111.156**	**210.94**	**151.64**	

Data Qualifiers:
U - The analyte was not detected at or above the reporting limit (see Complete Data, Ap
J - The identification of the analyte is acceptable; the reported value is an estimate.

Notes:
1 - EPA Regional Screening Levels: http://www.epa.gov/region9/superfund/prg/
2 - EPA Removal Action Levels/Risk Management Levels: Personal communication, Tim F

Results in **bold orange** exceed the analytes Regional Screening Level.
Results in **bold red** exceed both the Regional Screening Level and the Removal Action L

Semi-Volatile Organic Compound Analytical Data Summary
Blackleaf Chemical Superfund Site
Louisville, Kentucky
February 2012
SESD Proj. ID: 10-0195

				Station ID	SL1712	SL1714	SL1716	SL1718	SL1720	SL1722	SL1724	SL1726	SL1726
				Sample ID	SL1712SF	SL1714SF	SL1716SF	SL1718SF	SL1720SF	SL1722SF	SL1724SF	SL1726SF	SL1726SFS
				Media Code	SF	SF	SF	SF	SF	SF	SF	SF	SF
				Sample Date/Time	2/15/12 12:40	2/15/12 13:00	2/15/12 13:17	2/15/12 13:33	2/15/12 13:50	2/15/12 10:15	2/15/12 9:55	2/15/12 9:20	2/15/12 9:20
Analyte	Units	RSL[1]	RAL/RML[2]										
2-Methylnaphthalene	ug/kg dry	310,000	940,000		39 J	30 J	40 J	U	43 J	U	58 J	52 J	83 J
Acenaphthene	ug/kg dry	3,400,000	14,000,000		U	U	U	U	U	U	U	U	U
Acenaphthylene	ug/kg dry	NA	NA		U	U	U	U	U	U	U	U	U
Anthracene	ug/kg dry	17,000,000	7,000,000		U	33 J	U	U	U	U	32 J	44 J	94 J
Benzo(g,h,i)perylene	ug/kg dry	NA	NA		U	91 J	38 J	U	U	U	44 J	52 J	54 J
Benzyl butyl phthalate	ug/kg dry	NA	NA		U	U	U	U	U	29000 J	U	U	U
Bis(2-ethylhexyl) phthalate	ug/kg dry	35,000	3,500,000		330	400 J	U	U	240	16000 J	460 J	410	6300
Carbazole	ug/kg dry	NA	NA		U	28 J	U	U	U	U	39 J	36 J	120 J
Dibenzofuran	ug/kg dry	78,000	230,000		U	U	U	U	U	U	U	23 J	53 J
Di-n-butylphthalate	ug/kg dry	6,100,000	18,000,000		U	970	U	U	U	U	U	U	U
Fluoranthene	ug/kg dry	2,300,000	6,900,000		220	290	140 J	U	110 J	U	290	370	910
Fluorene	ug/kg dry	2,300,000	9,400,000		U	U	U	U	U	U	U	U	46 J
Phenanthrene	ug/kg dry	NA	NA		130 J	150 J	99 J	U	89 J	U	250	310	790
Pyrene	ug/kg dry	1,700,000	7,000,000		210 J	410 J	180 J	U	120 J	240 J	340 J	460	840
Carcinogenic PAHs													
Benzo(a)pyrene	ug/kg dry	15	1,500		**97 J**	**230 J**	**99 J**	U	**66 J**	U	**140 J**	**200 J**	**320**
Dibenzo(a,h)anthracene	ug/kg dry	15	1,500		U	**31 J**	U	U	U	U	U	**29 J**	**43 J**
Benzo(b)fluoranthene	ug/kg dry	150	15,000		**160 J**	**370 J**	**170 J**	U	110 J	**250 J**	**280 J**	**350**	**570**
Benzo(k)fluoranthene	ug/kg dry	1,500	150,000		46 J	130 J	43 J	U	33 J	U	70 J	99 J	130 J
Benzo(a)anthracene	ug/kg dry	150	15,000		110 J	**220 J**	100 J	U	72 J	**2100 J**	**150 J**	**210 J**	**410 J**
Indeno (1,2,3-cd) pyrene	ug/kg dry	150	15,000		51 J	94 J	57 J	U	32 J	U	72 J	98 J	130 J
Chrysene	ug/kg dry	15,000	1,500,000		140 J	230 J	120 J	U	91 J	U	180 J	240	540
Benzo(a)pyrene Toxic Equivalent (BAPE)	ug/kg dry	15	1,500		**129.7**	**330.93**	**132.25**	0	**87.821**	**235**	**191.08**	**296.03**	**475.84**

Data Qualifiers:
U - The analyte was not detected at or above the reporting limit (see Complete Data, Ap
J - The identification of the analyte is acceptable; the reported value is an estimate.

Notes:
1 - EPA Regional Screening Levels: http://www.epa.gov/region9/superfund/prg/
2 - EPA Removal Action Levels/Risk Management Levels: Personal communication, Tim F

Results in **bold orange** exceed the analytes Regional Screening Level.
Results in **bold red** exceed both the Regional Screening Level and the Removal Action L

Semi-Volatile Organic Compound Analytical Data Summary
Blackleaf Chemical Superfund Site
Louisville, Kentucky
February 2012
SESD Proj. ID: 10-0195

				Station ID	SL1728	SL1732	SL1734	SL1736	SL1740	SL1740	SL1742	SL1742X	SL1748
				Sample ID	SL1728SF	SL1732SF	SL1734SF	SL1736SF	SL1740SF	SL1740SFD	SL1742SF	SL1742SFX	SL1748SF
				Media Code	SF	SF	SF	SF	SF	SF	SF	SF	SF
				Sample Date/Time	2/15/12 9:00	2/14/12 17:10	2/14/12 16:45	2/14/12 16:15	2/14/12 14:30	2/14/12 14:40	2/14/12 14:05	2/14/12 13:45	2/14/12 12:15
Analyte	Units	RSL[1]	RAL/RML[2]										
2-Methylnaphthalene	ug/kg dry	310,000	940,000	31 J	27 J	31 J	87 J	68 J	56 J	U	U	77 J
Acenaphthene	ug/kg dry	3,400,000	14,000,000	U	U	U	U	U	U	U	360 J	U
Acenaphthylene	ug/kg dry	NA	NA	U	25 J	25 J	U	U	U	U	U	U
Anthracene	ug/kg dry	17,000,000	7,000,000	35 J	27 J	180 J	22 J	U	25 J	U	870 J	21 J
Benzo(g,h,i)perylene	ug/kg dry	NA	NA	52 J	59 J	130 J	30 J	24 J	U	400 J	530 J	U
Benzyl butyl phthalate	ug/kg dry	NA	NA	U	U	U	U	U	U	U	U	U
Bis(2-ethylhexyl) phthalate	ug/kg dry	35,000	3,500,000	260	U	U	U	U	U	U	U	U
Carbazole	ug/kg dry	NA	NA	30 J	U	110 J	27 J	U	25 J	U	730 J	U
Dibenzofuran	ug/kg dry	78,000	230,000	U	U	U	33 J	23 J	22 J	U	U	28 J
Di-n-butylphthalate	ug/kg dry	6,100,000	18,000,000	U	U	U	U	U	U	U	U	U
Fluoranthene	ug/kg dry	2,300,000	6,900,000	340	270	2000	180 J	150 J	240	1800 J	5200	280
Fluorene	ug/kg dry	2,300,000	9,400,000	U	U	23 J	U	U	U	U	310 J	U
Phenanthrene	ug/kg dry	NA	NA	230	160 J	740	190 J	140 J	210	1100 J	4600	190 J
Pyrene	ug/kg dry	1,700,000	7,000,000	410	400 J	2300	220	180 J	310	2300	6600	270
Carcinogenic PAHs													
Benzo(a)pyrene	ug/kg dry	15	1,500	**170 J**	**200 J**	**570 J**	**97 J**	**86 J**	**130 J**	**950 J**	**1900 J**	**120 J**
Dibenzo(a,h)anthracene	ug/kg dry	15	1,500	**26 J**	**28 J**	**68 J**	U	U	U	U	**350 J**	U
Benzo(b)fluoranthene	ug/kg dry	150	15,000	**330 J**	**310 J**	**1100 J**	**170 J**	**160 J**	**220**	**1600 J**	**3100**	**200 J**
Benzo(k)fluoranthene	ug/kg dry	1,500	150,000	95 J	110 J	370 J	60 J	44 J	79 J	480 J	1100 J	55 J
Benzo(a)anthracene	ug/kg dry	150	15,000	**180 J**	**180 J**	**870 J**	110 J	91 J	140 J	**940 J**	**2400 J**	140 J
Indeno (1,2,3-cd) pyrene	ug/kg dry	150	15,000	87 J	100 J	**240 J**	52 J	46 J	67 J	**530 J**	**930 J**	57 J
Chrysene	ug/kg dry	15,000	1,500,000	190 J	200 J	910	120 J	110 J	160 J	960 J	2500	180 J
Benzo(a)pyrene Toxic Equivalent (BAPE)	ug/kg dry	15	1,500	**256.84**	**288.3**	**863.61**	**130.92**	**116.25**	**173.65**	**1262.76**	**2906.5**	**174.43**

Data Qualifiers:
U - The analyte was not detected at or above the reporting limit (see Complete Data, Ap
J - The identification of the analyte is acceptable; the reported value is an estimate.

Notes:
1 - EPA Regional Screening Levels: http://www.epa.gov/region9/superfund/prg/
2 - EPA Removal Action Levels/Risk Management Levels: Personal communication, Tim F

Results in **bold orange** exceed the analytes Regional Screening Level.
Results in **bold red** exceed both the Regional Screening Level and the Removal Action L

Semi-Volatile Organic Compound Analytical Data Summary
Blackleaf Chemical Superfund Site
Louisville, Kentucky
February 2012
SESD Proj. ID: 10-0195

				Station ID	SL1750	SL1752	WA1518	WA1518X	WA1520	WA1526	WA1534	WA1602	WA1606
				Sample ID	SL1750SF	SL1752SF	WA1518SF	WA1518SFX	WA1520SF	WA1526SF	WA1534SF	WA1602SF	WA1606SF
				Media Code	SF	SF	SF	SF	SF	SF	SF	SF	SF
				Sample Date/Time	2/14/12 12:00	2/14/12 11:00	2/14/12 13:10	2/14/12 13:35	2/14/12 14:05	2/14/12 14:35	2/15/12 8:55	2/14/12 15:40	2/14/12 16:25
Analyte	Units	RSL[1]	RAL/RML[2]										
2-Methylnaphthalene	ug/kg dry	310,000	940,000	U	69 J	U	24 J	U	52 J	42 J	U	U	
Acenaphthene	ug/kg dry	3,400,000	14,000,000	U	U	U	U	U	U	U	U	U	
Acenaphthylene	ug/kg dry	NA	NA	U	U	130 J	54 J	U	U	U	U	U	
Anthracene	ug/kg dry	17,000,000	7,000,000	U	U	180 J	110 J	U	U	35 J	U	56 J	
Benzo(g,h,i)perylene	ug/kg dry	NA	NA	U	29 J	280 J	55 J	U	24 J	U	32 J	49 J	
Benzyl butyl phthalate	ug/kg dry	NA	NA	U	650	U	U	U	U	U	U	U	
Bis(2-ethylhexyl) phthalate	ug/kg dry	35,000	3,500,000	33000	U	U	U	U	600	2800	U	U	
Carbazole	ug/kg dry	NA	NA	U	U	150 J	78 J	U	U	U	U	39 J	
Dibenzofuran	ug/kg dry	78,000	230,000	U	U	U	U	U	U	U	U	U	
Di-n-butylphthalate	ug/kg dry	6,100,000	18,000,000	U	U	U	U	U	U	U	U	U	
Fluoranthene	ug/kg dry	2,300,000	6,900,000	420 J	140 J	2100	1100	150 J	260	380	210 J	350	
Fluorene	ug/kg dry	2,300,000	9,400,000	U	U	U	25 J	U	U	U	U	U	
Phenanthrene	ug/kg dry	NA	NA	290 J	130 J	1200	630	64 J	150 J	170 J	130 J	240	
Pyrene	ug/kg dry	1,700,000	7,000,000	530 J	160 J	2100	1200	140 J	290	380	210 J	330	
Carcinogenic PAHs													
Benzo(a)pyrene	ug/kg dry	15	1,500	U	**82 J**	**850 J**	**450 J**	**61 J**	**110 J**	**190 J**	**85 J**	**140 J**	
Dibenzo(a,h)anthracene	ug/kg dry	15	1,500	U	U	**130 J**	**64 J**	U	**24 J**	**30 J**	U	**27 J**	
Benzo(b)fluoranthene	ug/kg dry	150	15,000	**370 J**	**150 J**	**1200**	**750 J**	110 J	**180 J**	**290 J**	120 J	**210 J**	
Benzo(k)fluoranthene	ug/kg dry	1,500	150,000	U	42 J	350 J	260 J	33 J	49 J	96 J	43 J	56 J	
Benzo(a)anthracene	ug/kg dry	150	15,000	**300 J**	86 J	**1000 J**	**580 J**	62 J	140 J	**220 J**	98 J	**190 J**	
Indeno (1,2,3-cd) pyrene	ug/kg dry	150	15,000	U	57 J	**410 J**	**230 J**	37 J	95 J	96 J	54 J	81 J	
Chrysene	ug/kg dry	15,000	1,500,000	330 J	100 J	1200	550	87 J	150 J	240	120 J	200 J	
Benzo(a)pyrene Toxic Equivalent (BAPE)	ug/kg dry	15	1,500	**67.33**	**111.82**	**1245.7**	**673.15**	**82.317**	**176.14**	**281.8**	**112.75**	**215.86**	

Data Qualifiers:
U - The analyte was not detected at or above the reporting limit (see Complete Data, Ap
J - The identification of the analyte is acceptable; the reported value is an estimate.

Notes:
1 - EPA Regional Screening Levels: http://www.epa.gov/region9/superfund/prg/
2 - EPA Removal Action Levels/Risk Management Levels: Personal communication, Tim F

Results in **bold orange** exceed the analytes Regional Screening Level.
Results in **bold red** exceed both the Regional Screening Level and the Removal Action L

Semi-Volatile Organic Compound Analytical Data Summary
Blackleaf Chemical Superfund Site
Louisville, Kentucky
February 2012
SESD Proj. ID: 10-0195

				Station ID	WA1608	WA1610	WA1610X	WA1614	WA1616	WA1618	WA1620	WA1620	WA1624
				Sample ID	WA1608SF	WA1610SF	WA1610SFX	WA1614SF	WA1616SF	WA1618SF	WA1620SF	WA1620SFS	WA1624SF
				Media Code	SF	SF	SF	SF	SF	SF	SF	SF	SF
				Sample Date/Time	2/14/12 16:50	2/15/12 10:00	2/15/12 10:00	2/14/12 17:15	2/15/12 11:00	2/15/12 10:40	2/15/12 11:30	2/15/12 11:35	2/15/12 12:00
Analyte	Units	RSL[1]	RAL/RML[2]										
2-Methylnaphthalene	ug/kg dry	310,000	940,000	27 J	36 J	U	25 J	26 J	U	U	U	34 J
Acenaphthene	ug/kg dry	3,400,000	14,000,000	U	U	U	U	U	U	370 J	400 J	U
Acenaphthylene	ug/kg dry	NA	NA	U	U	U	24 J	U	U	U	U	U
Anthracene	ug/kg dry	17,000,000	7,000,000	27 J	28 J	U	53 J	54 J	U	1700 J	2500 J	180 J
Benzo(g,h,i)perylene	ug/kg dry	NA	NA	U	61 J	U	62 J	57 J	U	1100 J	750 J	74 J
Benzyl butyl phthalate	ug/kg dry	NA	NA	U	U	U	U	U	U	U	U	U
Bis(2-ethylhexyl) phthalate	ug/kg dry	35,000	3,500,000	U	3300	U	U	U	U	U	U	U
Carbazole	ug/kg dry	NA	NA	U	24 J	U	42 J	32 J	U	1200 J	1600 J	45 J
Dibenzofuran	ug/kg dry	78,000	230,000	U	U	U	U	U	U	500 J	610 J	45 J
Di-n-butylphthalate	ug/kg dry	6,100,000	18,000,000	U	U	U	U	U	U	U	U	U
Fluoranthene	ug/kg dry	2,300,000	6,900,000	220	330	64 J	510	440	660 J	8600	11000	1100
Fluorene	ug/kg dry	2,300,000	9,400,000	U	U	U	U	U	U	460 J	570 J	56 J
Phenanthrene	ug/kg dry	NA	NA	140 J	180 J	37 J	340	280	510 J	8100	11000	870
Pyrene	ug/kg dry	1,700,000	7,000,000	270	330	68 J	470	440	770 J	8300	11000	1100
Carcinogenic PAHs													
Benzo(a)pyrene	ug/kg dry	15	1,500	**120 J**	**150 J**	**35 J**	**180 J**	**180 J**	**270 J**	**2400**	**3200**	**380**
Dibenzo(a,h)anthracene	ug/kg dry	15	1,500	U	**29 J**	U	**34 J**	**27 J**	U	**410 J**	**390 J**	**46 J**
Benzo(b)fluoranthene	ug/kg dry	150	15,000	**210 J**	**230**	52 J	**280**	**290 J**	**360 J**	**3300**	**5200**	**530**
Benzo(k)fluoranthene	ug/kg dry	1,500	150,000	68 J	58 J	22 J	76 J	80 J	U	1200 J	**1500 J**	200 J
Benzo(a)anthracene	ug/kg dry	150	15,000	140 J	**170 J**	36 J	**270 J**	**230 J**	**380 J**	**3700 J**	**5000 J**	**510 J**
Indeno (1,2,3-cd) pyrene	ug/kg dry	150	15,000	68 J	91 J	U	98 J	95 J	**210 J**	**1300 J**	**1100 J**	140 J
Chrysene	ug/kg dry	15,000	1,500,000	140 J	210 J	45 J	280	250	310 J	3500	4600	500
Benzo(a)pyrene Toxic Equivalent (BAPE)	ug/kg dry	15	1,500	**162.62**	**228.89**	**44.065**	**279.84**	**269.55**	**365.31**	**3655.5**	**4739.6**	**546.5**

Data Qualifiers:
U - The analyte was not detected at or above the reporting limit (see Complete Data, Ap
J - The identification of the analyte is acceptable; the reported value is an estimate.

Notes:
1 - EPA Regional Screening Levels: http://www.epa.gov/region9/superfund/prg/
2 - EPA Removal Action Levels/Risk Management Levels: Personal communication, Tim F

Results in **bold orange** exceed the analytes Regional Screening Level.
Results in **bold red** exceed both the Regional Screening Level and the Removal Action L

Semi-Volatile Organic Compound Analytical Data Summary
Blackleaf Chemical Superfund Site
Louisville, Kentucky
February 2012
SESD Proj. ID: 10-0195

				Station ID	WA1626	WA1702	WA1702	WA1702X	WA1704	WA1712	WA1714	WA1716	WA1716X
				Sample ID	WA1626SF	WA1702SF	WA1702SFD	WA1702SFX	WA1704SF	WA1712SF	WA1714SF	WA1716SF	WA1716SFX
				Media Code	SF	SF	SF	SF	SF	SF	SF	SF	SF
				Sample Date/Time	2/14/12 17:11	2/14/12 14:50	2/14/12 15:05	2/14/12 15:25	2/14/12 15:45	2/14/12 16:18	2/14/12 13:50	2/14/12 13:34	2/14/12 13:34
Analyte	Units	RSL[1]	RAL/RML[2]										
2-Methylnaphthalene	ug/kg dry	310,000	940,000	26 J	U	U	36 J	U	U	52 J	32 J	47 J	
Acenaphthene	ug/kg dry	3,400,000	14,000,000	U	U	U	120 J	U	U	U	U	U	
Acenaphthylene	ug/kg dry	NA	NA	U	U	U	U	U	U	U	24 J	22J	
Anthracene	ug/kg dry	17,000,000	7,000,000	25 J	U	U	230 J	130 J	U	32 J	95 J	75 J	
Benzo(g,h,i)perylene	ug/kg dry	NA	NA	47 J	U	U	80 J	120 J	130 J	42 J	90 J	66 J	
Benzyl butyl phthalate	ug/kg dry	NA	NA	U	U	U	U	U	U	U	U	U	
Bis(2-ethylhexyl) phthalate	ug/kg dry	35,000	3,500,000	260	U	U	U	U	U	450	U	U	
Carbazole	ug/kg dry	NA	NA	23 J	U	U	150 J	U	U	U	47 J	36 J	
Dibenzofuran	ug/kg dry	78,000	230,000	U	U	U	56 J	U	U	U	36 J	22 J	
Di-n-butylphthalate	ug/kg dry	6,100,000	18,000,000	350	U	U	U	U	U	U	U	U	
Fluoranthene	ug/kg dry	2,300,000	6,900,000	270	530 J	1100 J	1600	1100 J	750 J	360	690	700	
Fluorene	ug/kg dry	2,300,000	9,400,000	U	U	U	74 J	U	U	U	28 J	U	
Phenanthrene	ug/kg dry	NA	NA	150 J	310 J	980 J	1400	710 J	400 J	170 J	540	370	
Pyrene	ug/kg dry	1,700,000	7,000,000	270	550 J	1200 J	1600	1100 J	790 J	370	730	800 J	
Carcinogenic PAHs													
Benzo(a)pyrene	ug/kg dry	15	1,500	**140 J**	**230 J**	**400 J**	**560**	**410 J**	**370 J**	**180 J**	**270**	**350**	
Dibenzo(a,h)anthracene	ug/kg dry	15	1,500	**32 J**	U	U	**78 J**	U	U	**25 J**	**42 J**	**42 J**	
Benzo(b)fluoranthene	ug/kg dry	150	15,000	**220 J**	**330 J**	**580 J**	**930**	**600 J**	**520 J**	**300**	**380**	**540**	
Benzo(k)fluoranthene	ug/kg dry	1,500	150,000	66 J	U	U	320	170 J	170 J	83 J	110 J	190 J	
Benzo(a)anthracene	ug/kg dry	150	15,000	**150 J**	**300 J**	**530 J**	**700 J**	**540 J**	**450 J**	**210 J**	**360 J**	**390 J**	
Indeno (1,2,3-cd) pyrene	ug/kg dry	150	15,000	69 J	U	**310 J**	**270**	**180 J**	**220 J**	82 J	**160 J**	**170 J**	
Chrysene	ug/kg dry	15,000	1,500,000	170 J	300 J	480 J	670	540 J	500 J	250	370	390	
Benzo(a)pyrene Toxic Equivalent (BAPE)	ug/kg dry	15	1,500	**216.73**	**293.3**	**542.48**	**831.87**	**544.24**	**491.2**	**265.28**	**403.47**	**504.29**	

Data Qualifiers:
U - The analyte was not detected at or above the reporting limit (see Complete Data, Ap
J - The identification of the analyte is acceptable; the reported value is an estimate.

Notes:
1 - EPA Regional Screening Levels: http://www.epa.gov/region9/superfund/prg/
2 - EPA Removal Action Levels/Risk Management Levels: Personal communication, Tim F

Results in **bold orange** exceed the analytes Regional Screening Level.
Results in **bold red** exceed both the Regional Screening Level and the Removal Action L

Semi-Volatile Organic Compound Analytical Data Summary
Blackleaf Chemical Superfund Site
Louisville, Kentucky
February 2012
SESD Proj. ID: 10-0195

			Station ID	WA1722	WA1728	WA1732	WA1734	WA1740
			Sample ID	WA1722SF	WA1728SF	WA1732SF	WA1734SF	WA1740SF
			Media Code	SF	SF	SF	SF	SF
			Sample Date/Time	2/14/12 12:11	2/14/12 11:48	2/14/12 10:24	2/14/12 9:52	2/14/12 11:15
Analyte	Units	RSL[1]	RAL/RML[2]					
2-Methylnaphthalene	ug/kg dry	310,000	940,000	U	29 J	U	U	23 J
Acenaphthene	ug/kg dry	3,400,000	14,000,000	U	U	310 J	U	U
Acenaphthylene	ug/kg dry	NA	NA	U	U	U	U	U
Anthracene	ug/kg dry	17,000,000	7,000,000	120 J	43 J	980 J	U	24 J
Benzo(g,h,i)perylene	ug/kg dry	NA	NA	190 J	66 J	790 J	25 J	33 J
Benzyl butyl phthalate	ug/kg dry	NA	NA	U	U	U	U	U
Bis(2-ethylhexyl) phthalate	ug/kg dry	35,000	3,500,000	U	U	U	U	U
Carbazole	ug/kg dry	NA	NA	U	33 J	970 J	U	U
Dibenzofuran	ug/kg dry	78,000	230,000	U	U	360 J	U	U
Di-n-butylphthalate	ug/kg dry	6,100,000	18,000,000	U	U	U	U	U
Fluoranthene	ug/kg dry	2,300,000	6,900,000	1100 J	400	8900	180 J	220
Fluorene	ug/kg dry	2,300,000	9,400,000	U	U	U	U	U
Phenanthrene	ug/kg dry	NA	NA	560 J	220	7400	96 J	130 J
Pyrene	ug/kg dry	1,700,000	7,000,000	1300	430	7900	180 J	250
Carcinogenic PAHs								
Benzo(a)pyrene	ug/kg dry	15	1,500	**550 J**	**190 J**	**2000 J**	**79 J**	**120 J**
Dibenzo(a,h)anthracene	ug/kg dry	15	1,500	U	**33 J**	**360 J**	U	U
Benzo(b)fluoranthene	ug/kg dry	150	15,000	**650 J**	**300**	**3500**	130 J	**190 J**
Benzo(k)fluoranthene	ug/kg dry	1,500	150,000	290 J	96 J	1100 J	41 J	60 J
Benzo(a)anthracene	ug/kg dry	150	15,000	**630 J**	**230 J**	**3300 J**	92 J	130 J
Indeno (1,2,3-cd) pyrene	ug/kg dry	150	15,000	**440 J**	120 J	**1200 J**	44 J	80 J
Chrysene	ug/kg dry	15,000	1,500,000	560 J	270	3700	110 J	130 J
Benzo(a)pyrene Toxic Equivalent (BAPE)	ug/kg dry	15	1,500	**725.46**	**289.23**	**3174.7**	**106.12**	**160.73**

Data Qualifiers:
U - The analyte was not detected at or above the reporting limit (see Complete Data, Ap
J - The identification of the analyte is acceptable; the reported value is an estimate.

Notes:
1 - EPA Regional Screening Levels: http://www.epa.gov/region9/superfund/prg/
2 - EPA Removal Action Levels/Risk Management Levels: Personal communication, Tim F

Results in **bold orange** exceed the analytes Regional Screening Level.
Results in **bold red** exceed both the Regional Screening Level and the Removal Action L

Organochlorine Pesticide Analytical Data Summary
Blackleaf Chemical Superfund Site
Louisville, Kentucky
February 2012
SESD Proj ID: 12-0195

				Station ID	BC01	BC02	BC02	BC03	BC04	DH1385	DH1389	SF1338	SF1340
				Sample ID	BC01SF	BC02SF	BC02SB	BC03SF	BC04SF	DH1385SF	DH1389SF	SF1338SF	SF1340SF
				Media Code	SF	SF	SB	SF	SF	SF	SF	SF	SF
				Sample Date/Time	2/15/2012	2/15/2012	2/15/2012	2/15/2012	2/15/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012
Analyte	Units	RSL[1]	RAL/RML[2]										
4,4'-DDD (p,p'-DDD)	ug/kg dry	2,000	200,000		U	21 N	U	32 NJ	U	U	U	U	7.3 N
4,4'-DDE (p,p'-DDE)	ug/kg dry	1,400	140,000		86	76 N	U	190 O	U	U	13	7.2	6.1
4,4'-DDT (p,p'-DDT)	ug/kg dry	1,700	110,000		29 N	50	U	250	U	11 N	22 N	15	U
Aldrin	ug/kg dry	29	2,900		U	0.65 NJ	U	U	0.38 NJ	U	U	U	0.25 J
alpha-BHC	ug/kg dry	77	7,700		U	U	U	U	U	U	U	U	U
alpha-Chlordane	ug/kg dry	1,600	110,000		U	U	U	U	U	U	U	U	U
beta-BHC	ug/kg dry	270	27,000		U	U	U	U	U	U	U	U	U
delta-BHC	ug/kg dry	NA	NA		U	U	U	U	U	U	U	U	U
Dieldrin	ug/kg dry	30	3,000		U	U	U	23 NJ	U	U	U	9.9	2.1 NJ
Endosulfan I (alpha)	ug/kg dry	370,000	1,100,000		U	U	U	U	U	U	U	U	U
Endosulfan II (beta)	ug/kg dry	370,000	1,100,000		U	U	U	U	U	U	U	U	U
Endosulfan Sulfate	ug/kg dry	NA	NA		U	U	U	U	U	U	U	U	U
Endrin	ug/kg dry	18,000	55,000		U	U	U	U	U	U	U	3.6 NJ	U
Endrin aldehyde	ug/kg dry	NA	NA		3.4 NJ	U	U	U	U	U	U	U	U
Endrin ketone	ug/kg dry	NA	NA		U	U	U	U	U	U	U	U	U
gamma-BHC (Lindane)	ug/kg dry	520	52,000		U	U	U	U	U	U	U	U	U
gamma-Chlordane	ug/kg dry	NA	NA		U	U	U	U	U	U	U	4.3	3.3
Heptachlor	ug/kg dry	110	11,000		U	U	U	U	U	U	U	U	U
Heptachlor epoxide	ug/kg dry	53	2,400		U	U	U	U	U	U	1.4 J	U	U
Methoxychlor	ug/kg dry	NA	920,000		U	U	U	U	U	U	U	U	U
Toxaphene	ug/kg dry	440	44,000		U	U	U	U	U	U	U	U	U

Data Qualifiers:
U - The analyte was not detected at or above the reporting limit (see Complete Data, Appendices for reporting limits).
J - The identification of the analyte is acceptable; the reported value is an estimate.
N - There is presumptive evidence that the analyte is present; the analyte is reported as a tentative identification.

Notes:
1 - EPA Regional Screening Levels: http://www.epa.gov/region9/superfund/prg/
2 - EPA Removal Action Levels/Risk Management Levels: Personal communication, Tim Frederick, Region 4 EPA Technical Services Section

Results in **bold orange** exceed the analytes Regional Screening Level.
Results in **bold red** exceed both the Regional Screening Level and the Removal Action Level/Risk Management Level.

Organochlorine Pesticide Analytical Data Summary
Blackleaf Chemical Superfund Site
Louisville, Kentucky
February 2012
SESD Proj ID: 12-0195

				Station ID	SF1340	SL1700	SL1701	SL1701	SL1701X	SL1702	SL1703	SL1708	SL1710
				Sample ID	SF1340SFD	SL1700SF	SL1701SF	SL1701SFS	SL1701SFX	SL1702SF	SL1703SF	SL1708SF	SL1710SF
				Media Code	SF	SF	SF	SF	SF	SF	SF	SF	SF
				Sample Date/Time	2/14/2012	2/15/2012	2/15/2012	2/15/2012	2/15/2012	2/15/2012	2/15/2012	2/15/2012	2/15/2012
Analyte	Units	RSL[1]	RAL/RML[2]										
4,4'-DDD (p,p'-DDD)	ug/kg dry	2,000	200,000	U	U	U	U	U	U	0.81 NJ	U	U
4,4'-DDE (p,p'-DDE)	ug/kg dry	1,400	140,000	8.0	3.6 J	17 N	4.8	1.3 NJ	U	6.2	5.7	31
4,4'-DDT (p,p'-DDT)	ug/kg dry	1,700	110,000	10	5.9	32	7.0	2.4 J	12	11	11	67
Aldrin	ug/kg dry	29	2,900	U	U	0.36 NJ	0.26 J	0.23 NJ	U	U	U	
alpha-BHC	ug/kg dry	77	7,700	U	U	U	U	U	U	U	U	U
alpha-Chlordane	ug/kg dry	1,600	110,000	U	U	1.1 J	U	U	U	U	U	U
beta-BHC	ug/kg dry	270	27,000	U	U	U	U	U	U	U	U	U
delta-BHC	ug/kg dry	NA	NA	U	U	U	U	U	U	U	U	U
Dieldrin	ug/kg dry	30	3,000	9.8	U	U	0.86 J	2.2 NJ	U	0.63 NJ	2.5 NJ	7.2
Endosulfan I (alpha)	ug/kg dry	370,000	1,100,000	U	U	U	U	U	U	U	U	U
Endosulfan II (beta)	ug/kg dry	370,000	1,100,000	U	U	U	U	U	U	U	U	U
Endosulfan Sulfate	ug/kg dry	NA	NA	U	U	U	U	U	U	U	U	U
Endrin	ug/kg dry	18,000	55,000	U	U	U	U	U	U	U	U	5.7
Endrin aldehyde	ug/kg dry	NA	NA	1.6 J	U	U	U	U	U	U	U	1.4 NJ
Endrin ketone	ug/kg dry	NA	NA	U	U	U	U	U	U	U	U	U
gamma-BHC (Lindane)	ug/kg dry	520	52,000	U	U	U	U	U	U	U	0.76 NJ	U
gamma-Chlordane	ug/kg dry	NA	NA	3.1	U	0.50 NJ	U	0.48 NJ	U	1.1 NJ	1.1 J	6.5 N
Heptachlor	ug/kg dry	110	11,000	U	U	U	U	U	U	0.33 NJ	U	U
Heptachlor epoxide	ug/kg dry	53	2,400	U	U	0.45 NJ	U	U	U	0.65 NJ	U	U
Methoxychlor	ug/kg dry	NA	920,000	U	U	U	U	U	U	U	U	U
Toxaphene	ug/kg dry	440	44,000	U	U	U	U	U	U	U	U	U

Data Qualifiers:
U - The analyte was not detected at or above the reporting limit (se
J - The identification of the analyte is acceptable; the reported value
N - There is presumptive evidence that the analyte is present; the a

Notes:
1 - EPA Regional Screening Levels: http://www.epa.gov/region9/su
2 - EPA Removal Action Levels/Risk Management Levels: Personal c

Results in **bold orange** exceed the analytes Regional Screening Lev
Results in **bold red** exceed both the Regional Screening Level and t

Organochlorine Pesticide Analytical Data Summary
Blackleaf Chemical Superfund Site
Louisville, Kentucky
February 2012
SESD Proj ID: 12-0195

			Station ID	SL1712	SL1714	SL1716	SL1718	SL1720	SL1722	SL1724	SL1726	SL1726
			Sample ID	SL1712SF	SL1714SF	SL1716SF	SL1718SF	SL1720SF	SL1722SF	SL1724SF	SL1726SF	SL1726SFS
			Media Code	SF	SF	SF	SF	SF	SF	SF	SF	SF
			Sample Date/Time	2/15/2012	2/15/2012	2/15/2012	2/15/2012	2/15/2012	2/15/2012	2/15/2012	2/15/2012	2/15/2012
Analyte	Units	RSL[1]	RAL/RML[2]									
4,4'-DDD (p,p'-DDD)	ug/kg dry	2,000	200,000	U	U	U	U	U	1.4 J	U	U	U
4,4'-DDE (p,p'-DDE)	ug/kg dry	1,400	140,000	5.0	6.4	7.4	U	49 N	8.9	15	11	7.5
4,4'-DDT (p,p'-DDT)	ug/kg dry	1,700	110,000	9.2	13	11 N	U	37	16	21	14	11
Aldrin	ug/kg dry	29	2,900	U	U	U	U	U	0.65 J	< 2.1 U	U	U
alpha-BHC	ug/kg dry	77	7,700	U	U	U	U	U	U	U	U	U
alpha-Chlordane	ug/kg dry	1,600	110,000	U	U	85 N	U	U	U	U	1.9 NJ	U
beta-BHC	ug/kg dry	270	27,000	U	U	U	U	U	U	U	U	U
delta-BHC	ug/kg dry	NA	NA	U	U	U	U	U	U	U	U	U
Dieldrin	ug/kg dry	30	3,000	0.90 J	13	20 N	U	U	13	1.4 J	U	0.54 J
Endosulfan I (alpha)	ug/kg dry	370,000	1,100,000	U	U	U	U	U	U	U	U	U
Endosulfan II (beta)	ug/kg dry	370,000	1,100,000	U	U	U	U	U	U	U	U	U
Endosulfan Sulfate	ug/kg dry	NA	NA	U	U	U	U	U	U	U	U	U
Endrin	ug/kg dry	18,000	55,000	U	U	2.5 NJ	U	U	U	U	U	U
Endrin aldehyde	ug/kg dry	NA	NA	U	U	U	U	U	U	U	U	U
Endrin ketone	ug/kg dry	NA	NA	U	U	U	U	U	U	U	4.0	U
gamma-BHC (Lindane)	ug/kg dry	520	52,000	U	U	U	U	U	U	U	U	U
gamma-Chlordane	ug/kg dry	NA	NA	U	9.3	69	U	1.4 J	5.1	1.4 NJ	2.5 N	0.58 NJ
Heptachlor	ug/kg dry	110	11,000	U	U	0.87 J	U	U	0.36 J	U	U	U
Heptachlor epoxide	ug/kg dry	53	2,400	U	1.4 NJ	7.9 N	U	0.56 J	0.64 NJ	0.95 NJ	U	U
Methoxychlor	ug/kg dry	NA	920,000	U	U	U	U	U	U	U	U	U
Toxaphene	ug/kg dry	440	44,000	U	U	U	U	U	U	U	U	U

Data Qualifiers:
U - The analyte was not detected at or above the reporting limit (se
J - The identification of the analyte is acceptable; the reported value
N - There is presumptive evidence that the analyte is present; the a

Notes:
1 - EPA Regional Screening Levels: http://www.epa.gov/region9/su
2 - EPA Removal Action Levels/Risk Management Levels: Personal c

Results in **bold orange** exceed the analytes Regional Screening Lev
Results in **bold red** exceed both the Regional Screening Level and t

Organochlorine Pesticide Analytical Data Summary
Blackleaf Chemical Superfund Site
Louisville, Kentucky
February 2012
SESD Proj ID: 12-0195

			Station ID	SL1728	SL1732	SL1734	SL1736	SL1740	SL1740	SL1742	SL1742X	SL1748
			Sample ID	SL1728SF	SL1732SF	SL1734SF	SL1736SF	SL1740SF	SL1740SFD	SL1742SF	SL1742SFX	SL1748SF
			Media Code	SF	SF	SF	SF	SF	SF	SF	SF	SF
			Sample Date/Time	2/15/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012
Analyte	Units	RSL[1]	RAL/RML[2]									
4,4'-DDD (p,p'-DDD)	ug/kg dry	2,000	200,000	U	U	U	U	U	U	U	U	53
4,4'-DDE (p,p'-DDE)	ug/kg dry	1,400	140,000	5.5	4.2 N	1.6 NJ	14	5.1	U	8.2 NJ	41 N	140
4,4'-DDT (p,p'-DDT)	ug/kg dry	1,700	110,000	8.9 N	6.0	6.8	U	6.8 N	U	36 J	51	2800
Aldrin	ug/kg dry	29	2,900	U	U	U	U	U	U	U	U	U
alpha-BHC	ug/kg dry	77	7,700	U	U	U	U	U	U	U	U	U
alpha-Chlordane	ug/kg dry	1,600	110,000	U	3.9 N	1.3 J	200 N	1.7 NJ	U	160 N	U	U
beta-BHC	ug/kg dry	270	27,000	U	U	U	U	U	U	U	U	U
delta-BHC	ug/kg dry	NA	NA	U	U	U	U	U	U	U	U	U
Dieldrin	ug/kg dry	30	3,000	1.3 NJ	0.83 NJ	U	U	U	U	17 J	**43**	U
Endosulfan I (alpha)	ug/kg dry	370,000	1,100,000	U	U	U	U	U	U	U	U	U
Endosulfan II (beta)	ug/kg dry	370,000	1,100,000	U	0.65 J	U	U	U	U	U	U	U
Endosulfan Sulfate	ug/kg dry	NA	NA	U	U	U	U	U	U	U	U	U
Endrin	ug/kg dry	18,000	55,000	U	U	U	U	U	U	U	U	U
Endrin aldehyde	ug/kg dry	NA	NA	4.1 NJ	U	U	U	U	U	U	U	U
Endrin ketone	ug/kg dry	NA	NA	U	U	U	U	U	U	U	U	U
gamma-BHC (Lindane)	ug/kg dry	520	52,000	U	U	U	U	U	U	U	U	U
gamma-Chlordane	ug/kg dry	NA	NA	4.2	2.5	U	120	U	0.83 NJ	120 N	350	5.9 J
Heptachlor	ug/kg dry	110	11,000	0.37 NJ	U	U	0.51 NJ	0.30 NJ	U	3.6 NJ	11 J	U
Heptachlor epoxide	ug/kg dry	53	2,400	1.4 NJ	0.96 J	U	15	U	U	U	U	U
Methoxychlor	ug/kg dry	NA	920,000	U	U	U	U	U	U	U	U	U
Toxaphene	ug/kg dry	440	44,000	U	U	U	U	U	U	U	U	U

Data Qualifiers:
U - The analyte was not detected at or above the reporting limit (se
J - The identification of the analyte is acceptable; the reported value
N - There is presumptive evidence that the analyte is present; the a

Notes:
1 - EPA Regional Screening Levels: http://www.epa.gov/region9/su
2 - EPA Removal Action Levels/Risk Management Levels: Personal c

Results in **bold orange** exceed the analytes Regional Screening Lev
Results in **bold red** exceed both the Regional Screening Level and t

Organochlorine Pesticide Analytical Data Summary
Blackleaf Chemical Superfund Site
Louisville, Kentucky
February 2012
SESD Proj ID: 12-0195

			Station ID	SL1750	SL1752	WA1518	WA1518X	WA1520	WA1526	WA1534	WA1602	WA1606
			Sample ID	SL1750SF	SL1752SF	WA1518SF	WA1518SFX	WA1520SF	WA1526SF	WA1534SF	WA1602SF	WA1606SF
			Media Code	SF	SF	SF	SF	SF	SF	SF	SF	SF
			Sample Date/Time	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/15/2012	2/14/2012	2/14/2012
Analyte	Units	RSL[1]	RAL/RML[2]									
4,4'-DDD (p,p'-DDD)	ug/kg dry	2,000	200,000	U	5.1	90 N	U	U	U	3.6 J	U	U
4,4'-DDE (p,p'-DDE)	ug/kg dry	1,400	140,000	U	38 N	340	32	8.2	120	270	170	110
4,4'-DDT (p,p'-DDT)	ug/kg dry	1,700	110,000	43 NJ	70 J	830	24	9.7	53	76	77	51
Aldrin	ug/kg dry	29	2,900	U	U	U	1.8 NJ	U	U	U	4.7 N	U
alpha-BHC	ug/kg dry	77	7,700	U	U	U	U	U	U	0.46 J	0.48 J	U
alpha-Chlordane	ug/kg dry	1,600	110,000	U	5.0 N	U	U	U	U	U	U	U
beta-BHC	ug/kg dry	270	27,000	U	U	U	U	U	U	U	0.75 J	U
delta-BHC	ug/kg dry	NA	NA	U	U	U	U	U	U	U	U	U
Dieldrin	ug/kg dry	30	3,000	U	1.3 NJ	**62**	18	12 N	**81**	16	**800 O**	23
Endosulfan I (alpha)	ug/kg dry	370,000	1,100,000	U	U	U	U	U	U	U	U	U
Endosulfan II (beta)	ug/kg dry	370,000	1,100,000	U	U	U	U	U	U	U	0.54 J	U
Endosulfan Sulfate	ug/kg dry	NA	NA	U	U	U	U	U	U	2.6 J	U	U
Endrin	ug/kg dry	18,000	55,000	U	U	U	U	U	U	U	14	5.3 N
Endrin aldehyde	ug/kg dry	NA	NA	U	U	15 J	U	U	U	1.3 NJ	U	U
Endrin ketone	ug/kg dry	NA	NA	U	U	U	U	0.48 NJ	U	U	3.3 NJ	U
gamma-BHC (Lindane)	ug/kg dry	520	52,000	U	U	U	U	U	U	U	U	U
gamma-Chlordane	ug/kg dry	NA	NA	U	4.6	10 NJ	3.6 N	3.7 N	U	U	14	5.5
Heptachlor	ug/kg dry	110	11,000	U	U	U	U	U	U	U	U	1.0 J
Heptachlor epoxide	ug/kg dry	53	2,400	U	U	U	0.97 NJ	U	U	U	U	1.4 NJ
Methoxychlor	ug/kg dry	NA	920,000	U	U	U	U	U	U	U	U	U
Toxaphene	ug/kg dry	440	44,000	U	U	U	U	U	U	U	U	U

Data Qualifiers:
U - The analyte was not detected at or above the reporting limit (se
J - The identification of the analyte is acceptable; the reported value
N - There is presumptive evidence that the analyte is present; the a

Notes:
1 - EPA Regional Screening Levels: http://www.epa.gov/region9/su
2 - EPA Removal Action Levels/Risk Management Levels: Personal c

Results in **bold orange** exceed the analytes Regional Screening Lev
Results in **bold red** exceed both the Regional Screening Level and t

Organochlorine Pesticide Analytical Data Summary
Blackleaf Chemical Superfund Site
Louisville, Kentucky
February 2012
SESD Proj ID: 12-0195

				Station ID	WA1608	WA1610	WA1610X	WA1614	WA1616	WA1618	WA1620	WA1620	WA1624
				Sample ID	WA1608SF	WA1610SF	WA1610SFX	WA1614SF	WA1616SF	WA1618SF	WA1620SF	WA1620SFS	WA1624SF
				Media Code	SF	SF	SF	SF	SF	SF	SF	SF	SF
				Sample Date/Time	2/14/2012	2/15/2012	2/15/2012	2/14/2012	2/15/2012	2/15/2012	2/15/2012	2/15/2012	2/15/2012
Analyte	Units	RSL[1]	RAL/RML[2]										
4,4'-DDD (p,p'-DDD)	ug/kg dry	2,000	200,000		U	39	U	3.3 J	U	U	U	U	3.5 J
4,4'-DDE (p,p'-DDE)	ug/kg dry	1,400	140,000		290	330	12	270	220	380	150	130	200
4,4'-DDT (p,p'-DDT)	ug/kg dry	1,700	110,000		110	150	11	120	130	260	130	110	87
Aldrin	ug/kg dry	29	2,900		U	U	U	U	U	U	U	U	U
alpha-BHC	ug/kg dry	77	7,700		0.71 NJ	0.53 NJ	U	U	0.83 NJ	0.51 NJ	U	U	U
alpha-Chlordane	ug/kg dry	1,600	110,000		U	U	U	U	U	U	U	U	U
beta-BHC	ug/kg dry	270	27,000		U	0.78 NJ	U	U	0.92 J	U	U	U	U
delta-BHC	ug/kg dry	NA	NA		U	0.55 J	U	U	U	U	U	U	U
Dieldrin	ug/kg dry	30	3,000		23	**88**	1.8 NJ	22	8.9 N	**95**	U	**40 NJ**	26
Endosulfan I (alpha)	ug/kg dry	370,000	1,100,000		U	0.55 J	U	U	U	U	U	U	U
Endosulfan II (beta)	ug/kg dry	370,000	1,100,000		U	U	U	U	U	U	U	U	U
Endosulfan Sulfate	ug/kg dry	NA	NA		U	U	U	U	2.2 J	U	U	U	U
Endrin	ug/kg dry	18,000	55,000		U	U	U	U	U	U	U	U	U
Endrin aldehyde	ug/kg dry	NA	NA		U	U	U	U	U	U	U	U	U
Endrin ketone	ug/kg dry	NA	NA		U	U	U	U	1.8 J	U	U	U	U
gamma-BHC (Lindane)	ug/kg dry	520	52,000		U	U	U	U	U	U	U	U	U
gamma-Chlordane	ug/kg dry	NA	NA		U	62	0.92 J	U	3.6	170	10 NJ	U	U
Heptachlor	ug/kg dry	110	11,000		U	4.0	U	U	U	4.0	U	U	U
Heptachlor epoxide	ug/kg dry	53	2,400		U	46	0.79 NJ	U	U	30 N	U	4.8 NJ	U
Methoxychlor	ug/kg dry	NA	920,000		U	U	U	U	U	U	U	U	U
Toxaphene	ug/kg dry	440	44,000		U	U	U	U	U	U	U	U	U

Data Qualifiers:
U - The analyte was not detected at or above the reporting limit (se
J - The identification of the analyte is acceptable; the reported value
N - There is presumptive evidence that the analyte is present; the a

Notes:
1 - EPA Regional Screening Levels: http://www.epa.gov/region9/su
2 - EPA Removal Action Levels/Risk Management Levels: Personal c

Results in **bold orange** exceed the analytes Regional Screening Le
Results in **bold red** exceed both the Regional Screening Level and t

Organochlorine Pesticide Analytical Data Summary
Blackleaf Chemical Superfund Site
Louisville, Kentucky
February 2012
SESD Proj ID: 12-0195

			Station ID	WA1626	WA1702	WA1702	WA1702X	WA1704	WA1712	WA1714	WA1716	WA1716X
			Sample ID	WA1626SF	WA1702SF	WA1702SFD	WA1702SFX	WA1704SF	WA1712SF	WA1714SF	WA1716SF	WA1716SFX
			Media Code	SF	SF	SF	SF	SF	SF	SF	SF	SF
			Sample Date/Time	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012
Analyte	Units	RSL[1]	RAL/RML[2]									
4,4'-DDD (p,p'-DDD)	ug/kg dry	2,000	200,000	U	U	U	U	U	U	U	U	U
4,4'-DDE (p,p'-DDE)	ug/kg dry	1,400	140,000	300	54 N	81	23	41 NJ	110	110	48	14
4,4'-DDT (p,p'-DDT)	ug/kg dry	1,700	110,000	340	62 N	65 N	12	39 NJ	56	65	29 N	11 N
Aldrin	ug/kg dry	29	2,900	U	U	U	U	U	U	U	U	U
alpha-BHC	ug/kg dry	77	7,700	U	U	U	U	U	U	U	U	U
alpha-Chlordane	ug/kg dry	1,600	110,000	U	U	U	U	U	U	U	U	U
beta-BHC	ug/kg dry	270	27,000	0.60 NJ	U	U	U	U	0.62 NJ	U	U	U
delta-BHC	ug/kg dry	NA	NA	U	U	U	U	U	U	0.50 J	U	U
Dieldrin	ug/kg dry	30	3,000	**67**	14 NJ	20 J	2.1 J	16 NJ	U	29 N	U	U
Endosulfan I (alpha)	ug/kg dry	370,000	1,100,000	U	U	< 21 U	U	U	U	U	U	U
Endosulfan II (beta)	ug/kg dry	370,000	1,100,000	U	U	U	U	U	U	U	U	U
Endosulfan Sulfate	ug/kg dry	NA	NA	U	U	U	U	U	U	U	U	U
Endrin	ug/kg dry	18,000	55,000	U	6.6 NJ	U	U	U	U	U	20	4.0 NJ
Endrin aldehyde	ug/kg dry	NA	NA	U	U	U	0.53 J	U	U	U	3.8 NJ	U
Endrin ketone	ug/kg dry	NA	NA	U	U	U	U	U	U	U	U	U
gamma-BHC (Lindane)	ug/kg dry	520	52,000	U	U	U	U	U	U	U	U	U
gamma-Chlordane	ug/kg dry	NA	NA	U	U	U	U	U	98	30	U	U
Heptachlor	ug/kg dry	110	11,000	U	U	U	U	U	9.4	U	U	U
Heptachlor epoxide	ug/kg dry	53	2,400	U	U	U	U	U	**58**	9.4 N	U	U
Methoxychlor	ug/kg dry	NA	920,000	U	U	U	U	U	5.9 J	U	U	U
Toxaphene	ug/kg dry	440	44,000	U	U	U	U	U	U	U	U	U

Data Qualifiers:
U - The analyte was not detected at or above the reporting limit (se
J - The identification of the analyte is acceptable; the reported value
N - There is presumptive evidence that the analyte is present; the a

Notes:
1 - EPA Regional Screening Levels: http://www.epa.gov/region9/su
2 - EPA Removal Action Levels/Risk Management Levels: Personal c

Results in **bold orange** exceed the analytes Regional Screening Le
Results in **bold red** exceed both the Regional Screening Level and t

Organochlorine Pesticide Analytical Data Summary
Blackleaf Chemical Superfund Site
Louisville, Kentucky
February 2012
SESD Proj ID: 12-0195

			Station ID	WA1722	WA1728	WA1732	WA1734	WA1740
			Sample ID	WA1722SF	WA1728SF	WA1732SF	WA1734SF	WA1740SF
			Media Code	SF	SF	SF	SF	SF
			Sample Date/Time	2/14/2012	2/14/2012	2/14/2012	2/14/2012	2/14/2012
Analyte	Units	RSL[1]	RAL/RML[2]					
4,4'-DDD (p,p'-DDD)	ug/kg dry	2,000	200,000	U	U	U	U	U
4,4'-DDE (p,p'-DDE)	ug/kg dry	1,400	140,000	120	74	21	8.8	13
4,4'-DDT (p,p'-DDT)	ug/kg dry	1,700	110,000	62	51	16	9.0	17
Aldrin	ug/kg dry	29	2,900	U	U	U	U	**64**
alpha-BHC	ug/kg dry	77	7,700	U	U	U	U	U
alpha-Chlordane	ug/kg dry	1,600	110,000	U	U	U	U	U
beta-BHC	ug/kg dry	270	27,000	U	U	U	U	U
delta-BHC	ug/kg dry	NA	NA	U	U	U	U	U
Dieldrin	ug/kg dry	30	3,000	**1400**	U	8.0 N	29	**42**
Endosulfan I (alpha)	ug/kg dry	370,000	1,100,000	U	U	U	U	U
Endosulfan II (beta)	ug/kg dry	370,000	1,100,000	U	U	U	U	U
Endosulfan Sulfate	ug/kg dry	NA	NA	U	U	U	U	U
Endrin	ug/kg dry	18,000	55,000	U	7.4 N	U	U	U
Endrin aldehyde	ug/kg dry	NA	NA	U	U	U	U	U
Endrin ketone	ug/kg dry	NA	NA	U	U	U	0.81 J	U
gamma-BHC (Lindane)	ug/kg dry	520	52,000	U	U	U	U	U
gamma-Chlordane	ug/kg dry	NA	NA	10 J	1.9 NJ	2.5 N	3.0	16
Heptachlor	ug/kg dry	110	11,000	U	0.22 J	U	1.0 NJ	3.2
Heptachlor epoxide	ug/kg dry	53	2,400	U	U	1.1 NJ	0.86 NJ	2.7 N
Methoxychlor	ug/kg dry	NA	920,000	U	U	U	U	U
Toxaphene	ug/kg dry	440	44,000	U	U	U	U	U

Data Qualifiers:
U - The analyte was not detected at or above the reporting limit (se
J - The identification of the analyte is acceptable; the reported value
N - There is presumptive evidence that the analyte is present; the a

Notes:
1 - EPA Regional Screening Levels: http://www.epa.gov/region9/su
2 - EPA Removal Action Levels/Risk Management Levels: Personal c

Results in **bold orange** exceed the analytes Regional Screening Lev
Results in **bold red** exceed both the Regional Screening Level and t