MICHIGAN DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENT
ENVIRONMENTAL LABORATORY
P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-9800
FAX: (517) 335-9600

Qualifier Code	Qualifier Description
1	Result(s) and RL(s) are estimated due to low surrogate recovery.
2	Result is estimated due to high surrogate recovery.
3	Result(s) and RL(s) are estimated due to low matrix spike recovery.
4	Result is estimated due to high matrix spike recovery.
5	Result and RL are estimated due to low continuing calibration standard criteria failure.
6	Result is estimated due to high continuing calibration standard criteria failure.
7	Result(s) and RL(s) are estimated due to poor precision.
8	Result(s) and RL(s) are estimated due to low recovery of batch QC.
9	Result outside QC acceptance criteria.
A	Value reported is the mean of two or more determinations.
C	Value calculated from other independent parameters.
D	Analyte value quantified from a dilution(s); reporting limit (RL) raised.
E	Result is estimated due to high recovery of batch QC.
F	Amenable cyanide was not analyzed due to low level of total cyanide.
G	Result and RL are estimated due to initial calibration standard criteria failure.
H	Recommended laboratory holding time was exceeded.
I	Dilution required due to matrix interference; reporting limit (RL) raised.
J	Analyte was positively identified. Value is an estimate.
JA	Result is estimated due to multiple Aroclors present.
JC	Result is estimated since confirmation analysis did not meet acceptance criteria
JD	Due to severe degradation, specific Aroclor identification is difficult and quantitation is estimated.
K	RL(s) raised due to matrix interferences.
KR	RL(s) raised due to low sample volume submitted.
KS	RL(s) raised due to low total solids.
KW	RL(s) raised due to light sample weight.
LB	Reported library search compounds are tentative identifications with estimated concentrations.
M	The level of the method preparation blank (MPB) is reported in the qualifier column.
N	Non-homogeneous sample made analysis of sample questionable.
O	Result and RL estimated due to analysis from an open vial.
P	Recommended sample collection/preservation technique not used; reported result(s) is an estimate.
PI	Possible interference may have affected the accuracy of the laboratory result
Q	Quantity of sample insufficient to perform analyses requested.
R	Result confirmed by re-extraction and analysis.
S	Supernatant analyzed.
T	Reported value is less than the reporting limit (RL). Result is estimated.
V	Value not available due to dilution.
W	Reported value is less than the method detection limit (MDL).
X	Methods 8260 & 624 are used to analyze volatile organics that have boiling points below 200°C. 2-Methylnaphthalene & naphthalene have boiling points above 200°C and are better suited to analysis by methods 8270 or 625 as semivolatile organics.
Z	Result reported below the RL to meet the TDL in RRD Op Memo 2 (10/22/04) multiplied by applicable dilution factor.

CAS# : Chemical Abstract Service Registry Number
RL : Reporting Limit
ND : Not Detected

ug / L : microgram / liter (ppb)
mg / L : milligram / liter (ppm)
ug / Kg : microgram / kilogram (ppb)
mg / Kg : milligram / kilogram (ppm)

Laboratory Contacts
Inorganic Unit Mgr: Kirby Shane
Organic Unit Mgr: Carol Smith
Systems Mgmt Unit: George Krisztian

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Division: RD
Report to: SCOTT CORNELIUS
MDEQ-RD-LANSING
CONSTITUTION HALL
525 W. ALLEGAN, LANSING, MI 48909

Total: $375.00

Lab Work Order # : 11000150
Work Site ID : 45371900
Site Name : LAKE LINDEN/TORCH LAKE
Received: 10/18/2011
Reported: 11/17/2011
Collected By: BARB VETORT

Samples Received :

No:	Sample ID	Sample Description	Matrix:	Collection Date
01	AB85343	LLML2-30'bgs	WATER	10/13/2011

I certify that the analysis performed by the MDEQ Environmental Laboratory are accurate and that the laboratory tests were conducted by methods approved by the U.S. Environmental Protection Agency and other appropriate regulatory agencies.

George L. Krisztian,
Laboratory Director

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Sample Number: AB85343 LLML2-30'bgs

CAS#	Analyte Name	Result	Unit	RL	Qualifier	Date Tested	Method	Analyst
	COD	12	mg/L	5		11/01/2011	410.4	LAV
	Digestion Metals Water	Completed				10/26/2011	3010/200	JW
	Digestion Mercury Water	Completed				10/27/2011	7470/245.1	TB
7439-97-6	Mercury - Total	ND	µg/L	0.2		10/28/2011	7470/245.1	TS
	KN TP - Digestion	Completed				11/02/2011	351.2	LAV
TKN	Total Kjeldahl Nitrogen	2.32	mg N/L	0.10		11/02/2011	351.2	LAV
7723-14-0	Total Phosphorus	.087	mg P/L	0.010		11/02/2011	365.4	LAV
7429-90-5	Aluminium - Total	500	µg/L	50		11/14/2011	6020/200.8	KS
7440-36-0	Antimony - Total	ND	µg/L	1		11/11/2011	6020/200.8	KS
7440-38-2	Arsenic - Total	51	µg/L	1		11/11/2011	6020/200.8	KS
7440-39-3	Barium - Total	1100	µg/L	5	D	11/11/2011	6020/200.8	KS
7440-41-7	Beryllium - Total	ND	µg/L	1		11/11/2011	6020/200.8	KS
7440-43-9	Cadmium - Total	ND	µg/L	0.2		11/11/2011	6020/200.8	KS
7440-47-3	Chromium - Total	1.3	µg/L	1		11/11/2011	6020/200.8	KS
7440-48-4	Cobalt - Total	ND	µg/L	15		11/11/2011	6020/200.8	KS
7440-50-8	Copper - Total	71	µg/L	1		11/11/2011	6020/200.8	KS
7439-92-1	Lead - Total	3.1	µg/L	1		11/11/2011	6020/200.8	KS
7439-96-5	Manganese - Total	1700	µg/L	5	D	11/11/2011	6020/200.8	KS
7439-98-7	Molybdenum - Total	ND	µg/L	25		11/11/2011	6020/200.8	KS
7440-02-0	Nickel - Total	2.8	µg/L	2.0		11/11/2011	6020/200.8	KS
7782-49-2	Selenium - Total	ND	µg/L	1		11/11/2011	6020/200.8	KS
7440-22-4	Silver -Total	ND	µg/L	0.2		11/11/2011	6020/200.8	KS
7440-24-6	Strontium - Total	340	µg/L	5		11/11/2011	6020/200.8	KS
7440-28-0	Thallium - Total	ND	µg/L	2		11/11/2011	6020/200.8	KS
7440-32-6	Titanium - Total	130	µg/L	10		11/11/2011	6020/200.8	KS
7440-62-2	Vanadium - Total	2.1	µg/L	2		11/11/2011	6020/200.8	KS
7440-66-6	Zinc - Total	ND	µg/L	10		11/11/2011	6020/200.8	KS
7440-42-8	Boron - Total	320	µg/L	20		11/02/2011	6010/200.7	WN
7439-89-6	Iron - Total	12000	µg/L	20		11/02/2011	6010/200.7	WN
7664-41-7	Ammonia	.87	mg N/L	0.1	I	10/24/2011	350.1	MB
7727-37-9	Nitrate + Nitrite	ND	mg N/L	0.1	K	10/24/2011	353.2	MB
7440-44-0	TOC	5.1	mg/L	0.5		10/31/2011	5310C SM	LAV

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
SUPERFUND DIVISION

DATE:

SUBJECT: Review of Data
Received for Review on: 4 November 2011

FROM: Timothy Prendiville, Supervisor (SR-6J)
Superfund Contract Management Section

TO: Data User: MDEQ
walczakj@michigan.gov

Level 3 Data Validation

We have reviewed the data for the following case:

SITE Name: C&H Lake Linden Operations (MI)

Case Number: 41861 SDG Number: E3NW9

Number and Type of Samples: 20 Soils (Semivolatiles, Aroclors)

Sample Numbers: E3NW9, E3NX0-X9, E3NY0-Y8

Laboratory: PEL Laboratories Hrs for Review:

Following are our findings:

CC: Howard Pham
Region 5 TPO
Mail Code: SA-5J

Case Number: 41861 SDG Number: E3NW9
Site Name: C&H Lake Linden Operations (MI) Laboratory: PEL Laboratories

Below is a summary of the out-of-control audits and the possible effects on the data for this case:

Twenty (20) soil samples labeled E3NW9, E3NX0-X9 and E3NY0-Y8, were shipped to PEL Laboratories located in Tampa, FL. All samples were collected between 10/10/11 and 10/12/11 and received 10/14/11 intact and properly cooled.

All samples were analyzed for the semivolatile and aroclor lists of compounds. All samples were analyzed according to CLP SOW SOM01.2 (6/2007) and reviewed according to the NFG for SOM01.2 and the SOP for ESAT 5/TechLaw Validation of Contract Laboratory Program Organic Data (Version 2.6).

Sample E3NY3 was designated by the samplers to be used for laboratory QC, i.e. MS / MSD analyses.

No samples were identified as field blanks.

Sample E3NX1 was identified as field duplicate of sample E3NX0. Sample E3NY2 was identified as field duplicate of sample E3NY1.

Case Number: 41861 SDG Number: E3NW9
Site Name: C&H Lake Linden Operations (MI) Laboratory: PEL Laboratories

1. HOLDING TIME

The following semivolatile soil sample was outside primary extraction holding time criteria (14 days). Detected compounds are qualified "J". Non-detected compounds are qualified "UJ".

E3NY5

2. GC/MS TUNING AND GC INSTRUMENT PERFORMANCE

No Problems Found.

3. CALIBRATION

The following semivolatile samples are associated with an opening continuing calibration percent difference (%D) outside criteria. Detected compounds are qualified "J". Non-detected compounds are qualified "UJ".

E3NW9, E3NX2, E3NX4, E3NX7, E3NX8, E3NY0, E3NY1, E3NY2, E3NY2DL, E3NY3, E3NY3MS, E3NY3MSD, E3NY4, E3NY5, E3NY6, E3NY7, E3NY8, E3NY8DL, SBLK4I, SBLK4J
Fluoranthene

The following semivolatile samples are associated with a closing continuing calibration percent difference (%D) outside criteria. The compounds were not detected in the samples. Non-detected compounds are qualified "UJ".

E3NW9, E3NX4, E3NX8, E3NY0, E3NY2, E3NY2DL, E3NY3, E3NY3MS, E3NY3MSD, E3NY4, E3NY6, E3NY7, E3NY8
2,4-Dinitrophenol

4. BLANKS

The following semivolatile samples have TIC concentrations reported less than 5X the method blank concentration. Detected compounds are qualified "U" and deleted from the TIC report.

Unknown @ 7.71
E3NX0, E3NX1, E3NX5, E3NX6, E3NX9

CAS No. 57-10-3 n-Hecadecanoic acid
E3NW9, E3NX1, E3NX3, E3NX5, E3NX6, E3NX9, E3NY4, E3NY6, E3NY7

CAS No. 65-85-0 Benzoic acid
E3NY1, E3NY2

5. DEUTERATED MONITORING COMPOUND AND SURROGATE RECOVERY

The following semivolatile samples have DMC recoveries above the upper limit of the criteria window. The compounds were not detected in the samples. Non-detected compounds are not qualified.

E3NX5, E3NX6
bis-(2-Chloroethyl)ether, 2,2'-oxybis(1-Chloropropane), bis(2-Chloroethoxy)methane

The following semivolatile samples have deuterated monitoring compound recovery below the lower limit of the criteria window. Detected compounds are qualified "J". Non-detected compounds are qualified "UJ".

E3NX4, SBLK4J
Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenzo(a,h)anthracene, Benzo(g,h,i)perylene

E3NX8
Caprolactam, 1,1'-Biphenyl, Dimethylphthalate, Dibenzofuran, Diethylphthalate, Fluorene, 4-Chlorophenyl-phenylether, 4-Bromophenyl-phenylether, Carbazole, Di-n-butylphthalate, Fluoranthene, Pyrene, Butylbenzylphthalate, Benzo(a)anthracene, Chrysene, bis(2-Ethylhexyl)phthalate, Di-n-octylphthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenzo(a,h)anthracene, Benzo(g,h,i)perylene

E3NY0, E3NY4
Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenzo(a,h)anthracene, Benzo(g,h,i)perylene

E3NY8
Dibenzofuran, Fluorene, 4-Chlorophenyl-phenylether, 4-Bromophenyl-phenylether, Carbazole, Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenzo(a,h)anthracene, Benzo(g,h,i)perylene

The following diluted semivolatile samples with dilution factors greater than or equal to 5 have deuterated monitoring compound recoveries equal to 0%. Detected and non-detected compounds are not qualified for this criteria.

E3NY2DL
4-Chloroaniline, Hexachlorocyclopentadiene, 4,6-Dinitro-2-methylphenol, 3,3'-Dichlorobenzidine

6A. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Sample E3NY3 was designated by the samplers to be used for laboratory QC, i.e. MS / MSD analyses.

The relative percent difference (RPD) between the following semivolatile matrix spike and matrix spike duplicate recoveries is outside criteria. The compound was not detected in the unspiked sample. Nondetected compounds in the unspiked sample are qualified "UJ".

E3NY3MS, E3NY3MSD
Acenaphthene

The relative percent difference (RPD) between the following aroclor matrix spike and matrix spike duplicate recoveries is outside criteria on only 1 GC column. Detected and non-detected compounds are not qualified as the lower of the 2 possible values (i.e. the reported value) is within the acceptance range.

E3NY3MS, E3NY3MSD
Aroclor-1016

6B. LABORATORY CONTROL SAMPLE

No Problems Found.

7. FIELD BLANK AND FIELD DUPLICATE

No samples were identified as field blanks.

Sample E3NX1 was identified as field duplicate of sample E3NX0. Sample E3NY2 was identified as field duplicate of sample E3NY1. Results are summarized in the following table:

	E3NX0	**E3NX1**	%RPDs	**E3NY1**	**E3NY2**	%RPDs
Semivolatile analytes:	µg/kg	µg/kg		µg/kg	µg/kg	
Acenaphthene	---	---	---	92	100	8.3
Phenanthrene	---	---	---	1400	1400	0
Anthracene	---	---	---	260	320	21
Carbazole	---	---	---	150	170	13
Fluoranthene	---	---	---	2800	3000	6.9
Pyrene	---	---	---	1800	1800	0
Benzo(a)anthracene	---	---	---	1000	1000	0
Chrysene	---	---	---	1100	1100	0
Benzo(b)fluoranthene	---	---	---	940	1100	16
Benzo(k)fluoranthene	---	---	---	980	780	23
Benzo(a)pyrene	---	---	---	900	920	2.2
Indeno(1,2,3-cd)pyrene	---	---	---	650	620	4.7
Dibenzo(a,h)anthracene	---	---	---	290	270	7.1

Benzo(g,h,i)perylene	---	---	---	720	650	10
# of SVOA TICs	4	3		22	20	

	E3NY1	**E3NY2**	%RPDs
Aroclor analytes:	µg/kg	µg/kg	
Aroclor-1254	94	100	6.2
Aroclor-1260	82	88	7.1

For duplicate pair E3NX0 and E3NX1, no aroclors were detected.

Results are not qualified based upon the results of the field duplicates.

8. INTERNAL STANDARDS

The following semivolatile sample has internal standard area counts that are outside the lower limit of primary criteria. Detected compounds are qualified "J". Non-detected compounds are qualified "UJ".

E3NY2
4,6-Dinitro-2-methylphenol, N-Nitrosodiphenylamine, 4-Bromophenyl-phenylether, Hexachlorobenzene, Atrazine, Pentachlorophenol, Phenanthrene, Anthracene, Carbazole, Di-n-butylphthalate, Fluoranthene, Pyrene, Butylbenzylphthalate, 3,3'-Dichlorobenzidine, Benzo(a)anthracene, Chrysene, bis(2-Ethylhexyl)phthalate

9. COMPOUND IDENTIFICATION

After reviewing the mass spectra and chromatograms it appears that all semivolatile and aroclor compounds were properly identified.

10. COMPOUND QUANTITATION AND REPORTED DETECTION LIMITS

The following semivolatile samples have analyte concentrations below the quantitation limit (CRQL). Detected compounds are qualified "J".

E3NW9
Acetophenone, Anthracene

E3NX3
Fluoranthene, Pyrene, Benzo(b)fluoranthene, Benzo(a)pyrene, Benzo (g,h,i)perylene

E3NX5
Phenanthrene, Dibenzo(a,h)anthracene

E3NX6

Pyrene, Benzo(b)fluoranthene

E3NX8
Anthracene, Carbazole, Dibenzo(a,h)anthracene

E3NX9
Phenanthrene, Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Benzo(g,h,i)perylene

E3NY0
Naphthalene, Acenaphthylene, Acenaphthene, Dibenzofuran

E3NY1, E3NY2
Acenaphthene, Carbazole

E3NY2DL
Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Benzo(g,h,i)perylene

E3NY3
Phenanthrene, Fluoranthene, Pyrene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene

E3NY3MS
2-Methylnaphthalene, Phenanthrene, Benzo(a)anthracene, Benzo(k)fluoranthene, Indeno(1,2,3-cd)pyrene, Benzo(g,h,i)perylene

E3NY3MSD
Naphthalene, 2-Methylnaphthalene, Benzo(a)anthracene, Indeno(1,2,3-cd)pyrene, Benzo(g,h,i)perylene

E3NY4
Acetophenone, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Benzo(g,h,i)perylene

E3NY5
Benzaldehyde, Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(a)pyrene

E3NY6
Fluoranthene, Pyrene, Chrysene, Benzo(g,h,i)perylene

E3NY7
Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene

E3NY8
Naphthalene, 2-Methylnaphthalene, Bis(2-ethylhexyl)phthalate

E3NY8DL
Acenaphthene, Fluorene, Dibenzo(a,h)anthracene

A library search indicates a match below 85% for a TIC compound in the semivolatile sample. Detected compounds are qualified "J".

Unknown @ 3.28; Unknown @ 4.15; Unknown @ 4.40; Unknown @ 11.17
E3NY8

Unknown @ 5.72; Unknown @ 5.92
E3NY6

Unknown @ 6.78; Unknown @ 13.07; Unknown @ 15.39; Unknown @ 16.24; Unknown @ 17.33
E3NY5

Unknown @ 7.33
E3NY4

Unknown @ 7.61
E3NY7, SBLK4I

Unknown @ 7.70
SBLK4F, SBLK4G

Unknown @ 9.11; Unknown @ 10.93
E3NW9

Unknown @ 9.55
E3NY1, E3NY8

Unknown @ 9.67; Unknown @ 10.36; Unknown @ 11.77; Unknown @ 16.81
E3NY2

Unknown @ 9.68
E3NY2, E3NY5

Unknown @ 9.87
E3NX7, E3NY5, E3NY7

Unknown @ 9.96; Unknown @ 13.64; Unknown @ 15.89; Unknown @ 18.33
E3NX9

Unknown @ 10.20; Unknown @ 11.09; Unknown @ 13.27
E3NY7

Unknown @ 10.87
E3NY0, E3NY8

Unknown @ 11.22
E3NW9, E3NY1, E3NY2, E3NY7, E3NY8

Unknown @ 11.44
E3NY0, E3NY1, E3NY2, E3NY6

Unknown @ 11.85
E3NY1, E3NY2, E3NY3, E3NY4, E3NY6, E3NY7

Unknown @ 12.04
E3NY5, E3NY6

Unknown @ 12.12
E3NW9, E3NX7, E3NX8, E3NY0, E3NY1, E3NY4, E3NY7

Unknown @ 12.22
SBLK4G

Unknown @ 12.29
E3NY2, E3NY7

Unknown @ 12.53
E3NX0, E3NX5, E3NY7

Unknown @ 12.61
E3NY3, E3NY7

Unknown @ 12.71
E3NY5, E3NY8, E3NY8DL

Unknown @ 12.77
E3NX3, E3NY0, E3NY8DL

Unknown @ 13.19
E3NX5, E3NX9, E3NY2

Unknown @ 13.38
E3NW9, E3NX8, E3NY0

Unknown @ 13.42; Unknown @ 14.16
E3NW9, E3NX8

Unknown @ 13.54
E3NX2, E3NX7, E3NX8, E3NY3, E3NY5, E3NY7

Unknown @ 13.56; Unknown @ 16.18; Unknownn @ 16.46
E3NX2

Unknown @ 13.81; Unknown @ 15.78
E3NY0

Unknown @ 13.94; Unknown @ 17.85; Unknown @ 19.57; Unknown @ 20.57
E3NX7

Unknown @ 14.22
E3NW9, E3NX8, E3NY1

Unknown @ 14.37
E3NX2, E3NX8, E3NY0

Unknown @ 14.54
E3NY5, E3NY8DL

Unknown @ 14.67; Unknown @ 18.04
E3NX2, E3NX7, E3NX8

Unknown @ 14.77
E3NX9, E3NY0

Unknown @ 14.82
E3NX2, E3NX4, E3NX5

Unknown @ 14.91; Unknown @ 15.10; Unknown @ 18.21
E3NX3, E3NX5, E3NX9

Unknown @ 15.02
E3NW9, E3NX2, E3NX7, E3NY4, E3NY5, E3NY7, E3NY8DL

Unknown @ 15.22
E3NY1, E3NY2, E3NY2DL, E3NY3, E3NY7

Unknown @ 15.31
E3NX6

Unknown @ 15.83
E3NX7, E3NY5

Unknown @ 15.99
E3NX7, E3NY5, E3NY6

Unknown @ 16.32
E3NX5, E3NY5

Unknown @ 16.53
E3NX8

Unknown @ 16.88
E3NX5, E3NX8

Unknown @ 17.06; Unknown @ 17.76; Unknown @ 18.82
E3NX5

Unknown @ 17.23
E3NW9, E3NX2, E3NX4, E3NX7, E3NY4, E3NY5

Unknown @ 17.58
E3NX2, E3NX7, E3NY4, E3NY5

Unknown @ 17.69
E3NX7, E3NX8

Unknown @ 18.13
E3NX2, E3NY5

Unknown @ 18.40
E3NX4

Unknown @ 18.68
E3NX4, E3NX5, E3NY5

Unknown @ 18.72
E3NX5, E3NX9

Unknown @ 18.92
E3NW9, E3NX2, E3NX4, E3NX8, E3NY1

Unknown @ 19.06
E3NX7, E3NY1

Unknown @ 20.48
E3NX3

A library search indicates a match at or above 85% for a TIC compound in the semivolatile sample. Detected compounds are qualified "NJ".

CAS No. 57-10-3 n-Hexadecanoic acid
E3NX0, E3NX2, E3NX7, E3NY5, SBLK4G

CAS No. 57-11-4 Octadecanoic acid
E3NX0, E3NX1, E3NX3, E3NY5, E3NY6

CAS No. 58-22-0 Testosterone
E3NX5, E3NX7

CAS No. 65-85-0 Benzoic acid
E3NW9, E3NX0, E3NX1, E3NX2, E3NX3, E3NX4, E3NX5, E3NX6, E3NX7, E3NX8, E3NX9, E3NY0, E3NY2DL, E3NY3, E3NY4, E3NY8, SBLK4I

CAS No. 81-84-5 1,8-Naphthalic anhydride
CAS No. 189-55-9 3,4:9,10-Dibenzopyrene
CAS No. 1090-13-7 5,12-Naphthacenedione
CAS No. 2541-69-7 Benz[a]anthracene, 7-methyl-
E3NY0

CAS No. 82-05-3 7H-Benz[de]anthracen-7-one
E3NW9, E3NY1

CAS No. 83-46-5 .beta.-Sitosterol
CAS No. 7206-25-9 9-Octadecene, (E)-
CAS No. 58801-23-3 Hop-22(29)-en-3.beta.ol
CAS No. 300574-36-1 5-Bromo-4-oxo-4,5,6,7-tetrahydrobenzofu
E3NX5

CAS No. 84-65-1 9,10-Anthracenedione
E3NW9, E3NX8, E3NY0, E3NY1, E3NY2, E3NY8

CAS No. 90-12-0 1-Methylnaphthalene
E3NX9, E3NY4, E3NY6, E3NY8

CAS No. 111-02-4 2,4,6,10,14,18,22-Tetracosahe
SBLK4J

CAS No. 112-05-0 Nonanoic acid
CAS No. 301-02-0 9-Octadecenamide, (Z)-

CAS No. 544-63-8 Tetradecanoic acid
CAS No. 2416-20-8 Hexadecenoic acid, Z-11-
CAS No. 7494-34-0 26-Nor-5-cholesten-3.beta.-
CAS No. 67860-04-2 Oxirane, heptadecyl-
E3NY5

CAS No. 132-65-0 Dibenzothiophene
E3NY0, E3NY8, E3NY8DL

CAS No. 192-97-2 Benzo(e)pyrene
E3NX5, E3NX8, E3NY0

CAS No. 198-55-0 Perylene
CAS No. 70301-47-2 Chloroacetic acid, pentadecyl ester
E3NX9

CAS No. 203-64-5 4H-Cyclopenta[def]phenanthrene
E3NX8, E3NY0, E3NY2, E3NY8DL

CAS No. 213-46-7 1,2:7,8-Dibenzophenanthrene
E3NY0, E3NY1

CAS No. 239-35-0 Benzo[b]naphthl[2,1-d]thiop
CAS No. 4292-19-7 Dodecane, 1-iodo-
CAS No. 35099-60-6 1H-Indene, 2-methyl-3-pheny
E3NY1

CAS No. 243-17-4 11H-Benzo[b]fluorene
E3NX8, E3NY2, E3NY8DL

CAS No. 243-46-9 Benzo[b]naphtho[2,3-d]thiophene
CAS No. 575-41-7 Naphthalene, 1,3-dimethyl-
CAS No. 610-48-0 Anthracene, 1-methyl-
E3NY2

CAS No. 471-15-8 Bicyclo[3.1.0]hexan-3-one,
CAS No. 3386-33-2 1-Chloro-octacecane
CAS No. 6410-10-2 2-Naphthalenol, 1-[(4-nitro
E3NX2

CAS No. 479-79-8 11H-Benzo[a]fluoren-11-one
E3NW9, E3NX5, E3NX8, E3NY0, E3NY1, E3NY2

CAS No. 483-65-8 Retene
CAS No. 490-65-3 Naphthalene, 1-methyl-7-(1-

CAS No. 829-26-5 Naphthalene, 2,3,6-trimethy
CAS No. 1758-88-9 Benzene, 2-ethyl-1,4-dimeth
CAS No. 2443-58-5 2-Hydroxyfluorene
CAS No. 7098-22-8 Tetratetracontane
E3NY4

CAS No. 486-25-9 9H-Fluoren-9-one
E3NX8, E3NY0, E3NY1

CAS No. 571-58-4 Naphthalene, 1,4-dimethyl-
CAS No. 573-98-8 Naphthalene, 1,2-dimethyl-
CAS No. 575-37-1 Naphthalene, 1,7-dimethyl-
CAS No. 2245-38-7 Naphthalene, 1,6,7-trimethy
E3NY8

CAS No. 581-42-0 Naphthalene, 2,6-dimethyl-
E3NY4, E3NY6

CAS No. 613-12-7 Anthracene, 2-methyl-
E3NY0, E3NY2, E3NY4, E3NY8, E3NY8DL

CAS No. 638-66-4 Octadecanal
E3NX2, E3NX9

CAS No. 779-02-2 Anthracene, 9-methyl-
E3NY8DL

CAS No. 832-69-9 Phenanthrene, 1-methyl-
E3NX8, E3NY1, E3NY6, E3NY8

CAS No. 949-41-7 1H-Cyclopropa[1]phenanthren
CAS No. 52251-71-5 Anthracene, 2-ethyl-
E3NY7

CAS No. 1058-61-3 Stigmast-4-en-3-one
CAS No. 1000282-98-2 Dichloroacetic acid, heptadecyl ester
E3NX3

CAS No. 1705-84-6 Triphenylene, 2-methyl-
E3NY1, E3NY2

CAS No. 2381-21-7 Pyrene, 1-,methyl-
E3NW9, E3NX5, E3NX7, E3NX8, E3NX9, E3NY0, E3NY1, E3NY8

CAS No. 2531-84-2 Phenanthrene, 2-methyl-

E3NX8, E3NY0, E3NY1, E3NY7, E3NY8

CAS No. 3031-15-0 Naphthalene, 1,2,3,4-tetram
CAS No. 7343-06-8 Phenanthrene, 3,4,5,6-tetra
E3NY6

CAS No. 3442-78-2 Pyrene, 2-methyl-
E3NX8

CAS No. 5737-13-3 Cyclopenta(def)phenanthrenone
E3NW9, E3NX8, E3NY0

CAS No. 7320-53-8 Dibenzofuran, 4-methyl-
E3NY1, E3NY4, E3NY7, E3NY8

CAS No. 7683-64-9 Squalene
E3NX1, E3NX6, E3NY5, SBLK4I

CAS No. 35465-71-5 2-Phenylnaphthalene
E3NX8, E3NY8

CAS No. 62951-96-6 1,5,9-Undecatriene, 2,6,10-
CAS No. 330207-53-9 E-14-Hexadecenal
E3NX7

The following aroclor samples have analyte concentrations below the quantitation limit (CRQL). Detected compounds are qualified “J”.

ALCS4C
Aroclor-1016, Aroclor-1260

E3NY7
Aroclor-1260

The relative percent difference between analyte results for the following aroclor samples is greater than 25%. Detected compounds are qualified “J”.

E3NY1, E3NY2, E3NY4
Aroclor-1254, Aroclor-1260

E3NY3MS, E3NY7
Aroclor-1260

11. SYSTEM PERFORMANCE

GC/MS baseline indicated acceptable performance.

12. ADDITIONAL INFORMATION

When evaluating TIC compounds, a library search is supposed to be performed. Then, the three closest matches are to be included in the report. The laboratory did not always perform the search for the semivolatile samples.

The following semivolatile samples have reported concentrations that exceed the instrument's linear calibration range. The results are flagged "E" by the laboratory and are estimated "J". The results from the diluted samples should be used for result validation.

E3NY2
Fluoranthene

E3NY8
Phenanthrene, Fluoranthene, Pyrene

The Semivolatile Sample Summary Reports did not include the TICs with CAS Numbers. Please refer to the TIC Report – NFG #9 for a complete list of the TICs associated with the following samples.

E3NW9, E3NX0, E3NX2, E3NX3, E3NX4, E3NX5, E3NX6, E3NX7, E3NX8, E3NX9, E3NY0, E3NY1, E3NY2, E3NY2DL, E3NY3, E3NY4, E3NY5, E3NY6, E3NY7, E3NY8, E3NY8DL, SBLK4F, SBLK4G, SBLK4I, SBLK4J

The following aroclor sample was not included in the sample summary or superset. Form Is are included with the hard copy data package.

ALCS4C

The following aroclor samples have reported concentrations that exceed the instrument's linear calibration range. The results are flagged "E" by the laboratory and are estimated "J". The results from the diluted samples should be used for result validation.

E3NY8
Aroclor-1254, Aroclor-1260

Case Number: 41861 SDG Number: E3NW9
Site Name: C&H Lake Linden Operations (MI) Laboratory: PEL Laboratories

CADRE Data Qualifier Sheet

Qualifiers	Data Qualifier Definitions
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the action limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification.
NJ	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification and the associated numerical value represents its approximate concentration.
R	The data are unusable. (The compound may or may not be present.)

Sample Summary Report

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	ABLK4C	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:		pH:	1.8	Sample Date:		Sample Time:	
% Moisture :	0			% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	33	ug/Kg	1.0	U	U	Yes	
Aroclor-1221	33	ug/Kg	1.0	U	U	Yes	
Aroclor-1232	33	ug/Kg	1.0	U	U	Yes	
Aroclor-1242	33	ug/Kg	1.0	U	U	Yes	
Aroclor-1248	33	ug/Kg	1.0	U	U	Yes	
Aroclor-1254	33	ug/Kg	1.0	U	U	Yes	
Aroclor-1260	33	ug/Kg	1.0	U	U	Yes	
Aroclor-1262	33	ug/Kg	1.0	U	U	Yes	
Aroclor-1268	33	ug/Kg	1.0	U	U	Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NW9	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-01	pH:	4.3	Sample Date:	10102011	Sample Time:	14:15:00
% Moisture :	53			% Solids :	47		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	360	ug/Kg	1.0	U	U	Yes	
Phenol	360	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethyl)ether	360	ug/Kg	1.0	U	U	Yes	
2-Chlorophenol	360	ug/Kg	1.0	U	U	Yes	
2-Methylphenol	360	ug/Kg	1.0	U	U	Yes	
2,2'-Oxybis(1-chloropropane)	360	ug/Kg	1.0	U	U	Yes	
Acetophenone	200	ug/Kg	1.0	J	J	Yes	
4-Methylphenol	360	ug/Kg	1.0	U	U	Yes	
N-Nitroso-di-n-propylamine	360	ug/Kg	1.0	U	U	Yes	
Hexachloroethane	360	ug/Kg	1.0	U	U	Yes	
Nitrobenzene	360	ug/Kg	1.0	U	U	Yes	
Isophorone	360	ug/Kg	1.0	U	U	Yes	
2-Nitrophenol	360	ug/Kg	1.0	U	U	Yes	
2,4-Dimethylphenol	360	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethoxy)methane	360	ug/Kg	1.0	U	U	Yes	
2,4-Dichlorophenol	360	ug/Kg	1.0	U	U	Yes	
Naphthalene	360	ug/Kg	1.0	U	U	Yes	
4-Chloroaniline	360	ug/Kg	1.0	U	U	Yes	
Hexachlorobutadiene	360	ug/Kg	1.0	U	U	Yes	
Caprolactam	360	ug/Kg	1.0	U	U	Yes	
4-Chloro-3-methylphenol	360	ug/Kg	1.0	U	U	Yes	
2-Methylnaphthalene	360	ug/Kg	1.0	U	U	Yes	
Hexachlorocyclopentadiene	360	ug/Kg	1.0	U	U	Yes	
2,4,6-Trichlorophenol	360	ug/Kg	1.0	U	U	Yes	
2,4,5-Trichlorophenol	360	ug/Kg	1.0	U	U	Yes	
1,1'-Biphenyl	360	ug/Kg	1.0	U	U	Yes	
2-Chloronaphthalene	360	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2-Nitroaniline	700	ug/Kg	1.0	U	U	Yes	
Dimethylphthalate	360	ug/Kg	1.0	U	U	Yes	
2,6-Dinitrotoluene	360	ug/Kg	1.0	U	U	Yes	
Acenaphthylene	360	ug/Kg	1.0	U	U	Yes	
3-Nitroaniline	700	ug/Kg	1.0	U	U	Yes	
Acenaphthene	360	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrophenol	700	ug/Kg	1.0	U	UJ	Yes	
4-Nitrophenol	700	ug/Kg	1.0	U	U	Yes	
Dibenzofuran	360	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrotoluene	360	ug/Kg	1.0	U	U	Yes	
Diethylphthalate	360	ug/Kg	1.0	U	U	Yes	
Fluorene	360	ug/Kg	1.0	U	U	Yes	
4-Chlorophenyl-phenylether	360	ug/Kg	1.0	U	U	Yes	
4-Nitroaniline	700	ug/Kg	1.0	U	U	Yes	
4,6-Dinitro-2-methylphenol	700	ug/Kg	1.0	U	U	Yes	
N-Nitrosodiphenylamine	360	ug/Kg	1.0	U	U	Yes	
1,2,4,5-Tetrachlorobenzene	360	ug/Kg	1.0	U	U	Yes	
4-Bromophenyl-phenylether	360	ug/Kg	1.0	U	U	Yes	
Hexachlorobenzene	360	ug/Kg	1.0	U	U	Yes	
Atrazine	360	ug/Kg	1.0	U	U	Yes	
Pentachlorophenol	700	ug/Kg	1.0	U	U	Yes	
Phenanthrene	940	ug/Kg	1.0			Yes	
Anthracene	120	ug/Kg	1.0	J	J	Yes	
Carbazole	360	ug/Kg	1.0	U	U	Yes	
Di-n-butylphthalate	360	ug/Kg	1.0	U	U	Yes	
Fluoranthene	2100	ug/Kg	1.0		J	Yes	
Pyrene	1800	ug/Kg	1.0			Yes	
Butylbenzylphthalate	360	ug/Kg	1.0	U	U	Yes	
3,3'-Dichlorobenzidine	360	ug/Kg	1.0	U	U	Yes	
Benzo(a)anthracene	1300	ug/Kg	1.0			Yes	
Chrysene	1700	ug/Kg	1.0			Yes	
Bis(2-ethylhexyl)	360	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
phthalate	360	ug/Kg	1.0	U	U	Yes	
Di-n-octylphthalate	360	ug/Kg	1.0	U	U	Yes	
Benzo(b)fluoranthene	1900	ug/Kg	1.0			Yes	
Benzo(k)fluoranthene	1300	ug/Kg	1.0			Yes	
Benzo(a)pyrene	1500	ug/Kg	1.0			Yes	
Indeno(1,2,3-cd)pyrene	1000	ug/Kg	1.0			Yes	
Dibenzo(a,h)anthracene	420	ug/Kg	1.0			Yes	
Benzo(g,h,i)perylene	1100	ug/Kg	1.0			Yes	
2,3,4,6-Tetrachlorophenol	360	ug/Kg	1.0	U	U	Yes	
7H-Benz[de]anthracen-7-one_16			1.0	NJ		Yes	
11H-Benzo[a]fluoren-11-one_12			1.0	NJ		Yes	
n-Hexadecanoic acid_5			1.0	NJ		No	
11H-Benzo[a]fluoren-11-one_15			1.0	NJ		Yes	
11H-Benzo[a]fluoren-11-one_15			1.0	NJ		Yes	
11H-Benzo[a]fluoren-11-one_12			1.0	NJ		Yes	
9,10-Anthracenedione_7			1.0	NJ		Yes	
Benzoic acid_1			1.0	NJ		Yes	
Cyclopenta(def)phenanthrenone_8			1.0	NJ		Yes	
Pyrene, 1-methyl-_11			1.0	NJ		Yes	
Dodecanoic acid_2			1.0	NJ		Yes	
Pyrene, 1-methyl-_10			1.0	NJ		Yes	
Pyrene, 1-methyl-_11			1.0	NJ		Yes	
Pyrene, 1-methyl-_10			1.0	NJ		Yes	
Benzo[b]triphenylene_21			1.0	NJ		Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NW9	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-01	pH:	4.3	Sample Date:	10102011	Sample Time:	14:15:00
% Moisture :	53			% Solids :	47		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	70	ug/Kg	1.0	U	U	Yes	
Aroclor-1221	70	ug/Kg	1.0	U	U	Yes	
Aroclor-1232	70	ug/Kg	1.0	U	U	Yes	
Aroclor-1242	70	ug/Kg	1.0	U	U	Yes	
Aroclor-1248	70	ug/Kg	1.0	U	U	Yes	
Aroclor-1254	70	ug/Kg	1.0	U	U	Yes	
Aroclor-1260	70	ug/Kg	1.0	U	U	Yes	
Aroclor-1262	70	ug/Kg	1.0	U	U	Yes	
Aroclor-1268	70	ug/Kg	1.0	U	U	Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NX0	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-02	pH:	5.1	Sample Date:	10102011	Sample Time:	12:32:00
% Moisture :	9.1			% Solids :	90.9		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	190	ug/Kg	1.0	U	U	Yes	
Phenol	190	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethyl)ether	190	ug/Kg	1.0	U	U	Yes	
2-Chlorophenol	190	ug/Kg	1.0	U	U	Yes	
2-Methylphenol	190	ug/Kg	1.0	U	U	Yes	
2,2'-Oxybis(1-chloropropane)	190	ug/Kg	1.0	U	U	Yes	
Acetophenone	190	ug/Kg	1.0	U	U	Yes	
4-Methylphenol	190	ug/Kg	1.0	U	U	Yes	
N-Nitroso-di-n-propylamine	190	ug/Kg	1.0	U	U	Yes	
Hexachloroethane	190	ug/Kg	1.0	U	U	Yes	
Nitrobenzene	190	ug/Kg	1.0	U	U	Yes	
Isophorone	190	ug/Kg	1.0	U	U	Yes	
2-Nitrophenol	190	ug/Kg	1.0	U	U	Yes	
2,4-Dimethylphenol	190	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethoxy)methane	190	ug/Kg	1.0	U	U	Yes	
2,4-Dichlorophenol	190	ug/Kg	1.0	U	U	Yes	
Naphthalene	190	ug/Kg	1.0	U	U	Yes	
4-Chloroaniline	190	ug/Kg	1.0	U	U	Yes	
Hexachlorobutadiene	190	ug/Kg	1.0	U	U	Yes	
Caprolactam	190	ug/Kg	1.0	U	U	Yes	
4-Chloro-3-methylphenol	190	ug/Kg	1.0	U	U	Yes	
2-Methylnaphthalene	190	ug/Kg	1.0	U	U	Yes	
Hexachlorocyclopentadiene	190	ug/Kg	1.0	U	U	Yes	
2,4,6-Trichlorophenol	190	ug/Kg	1.0	U	U	Yes	
2,4,5-Trichlorophenol	190	ug/Kg	1.0	U	U	Yes	
1,1'-Biphenyl	190	ug/Kg	1.0	U	U	Yes	
2-Chloronaphthalene	190	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2-Nitroaniline	360	ug/Kg	1.0	U	U	Yes	
Dimethylphthalate	190	ug/Kg	1.0	U	U	Yes	
2,6-Dinitrotoluene	190	ug/Kg	1.0	U	U	Yes	
Acenaphthylene	190	ug/Kg	1.0	U	U	Yes	
3-Nitroaniline	360	ug/Kg	1.0	U	U	Yes	
Acenaphthene	190	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrophenol	360	ug/Kg	1.0	U	U	Yes	
4-Nitrophenol	360	ug/Kg	1.0	U	U	Yes	
Dibenzofuran	190	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrotoluene	190	ug/Kg	1.0	U	U	Yes	
Diethylphthalate	190	ug/Kg	1.0	U	U	Yes	
Fluorene	190	ug/Kg	1.0	U	U	Yes	
4-Chlorophenyl-phenylether	190	ug/Kg	1.0	U	U	Yes	
4-Nitroaniline	360	ug/Kg	1.0	U	U	Yes	
4,6-Dinitro-2-methylphenol	360	ug/Kg	1.0	U	U	Yes	
N-Nitrosodiphenylamine	190	ug/Kg	1.0	U	U	Yes	
1,2,4,5-Tetrachlorobenzene	190	ug/Kg	1.0	U	U	Yes	
4-Bromophenyl-phenylether	190	ug/Kg	1.0	U	U	Yes	
Hexachlorobenzene	190	ug/Kg	1.0	U	U	Yes	
Atrazine	190	ug/Kg	1.0	U	U	Yes	
Pentachlorophenol	360	ug/Kg	1.0	U	U	Yes	
Phenanthrene	190	ug/Kg	1.0	U	U	Yes	
Anthracene	190	ug/Kg	1.0	U	U	Yes	
Carbazole	190	ug/Kg	1.0	U	U	Yes	
Di-n-butylphthalate	190	ug/Kg	1.0	U	U	Yes	
Fluoranthene	190	ug/Kg	1.0	U	U	Yes	
Pyrene	190	ug/Kg	1.0	U	U	Yes	
Butylbenzylphthalate	190	ug/Kg	1.0	U	U	Yes	
3,3'-Dichlorobenzidine	190	ug/Kg	1.0	U	U	Yes	
Benzo(a)anthracene	190	ug/Kg	1.0	U	U	Yes	
Chrysene	190	ug/Kg	1.0	U	U	Yes	
Bis(2-ethylhexyl)	190	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
phthalate	190	ug/Kg	1.0	U	U	Yes	
Di-n-octylphthalate	190	ug/Kg	1.0	U	U	Yes	
Benzo(b)fluoranthene	190	ug/Kg	1.0	U	U	Yes	
Benzo(k)fluoranthene	190	ug/Kg	1.0	U	U	Yes	
Benzo(a)pyrene	190	ug/Kg	1.0	U	U	Yes	
Indeno(1,2,3-cd)pyrene	190	ug/Kg	1.0	U	U	Yes	
Dibenzo(a,h)anthracene	190	ug/Kg	1.0	U	U	Yes	
Benzo(g,h,i)perylene	190	ug/Kg	1.0	U	U	Yes	
2,3,4,6-Tetrachlorophenol	190	ug/Kg	1.0	U	U	Yes	
Benzoic acid_1			1.0	NJ		Yes	
n-Hexadecanoic acid_3			1.0	NJ		Yes	
Octadecanoic acid_4			1.0	NJ		Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NX0	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-02	pH:	5.1	Sample Date:	10102011	Sample Time:	12:32:00
% Moisture :	9.1			% Solids :	90.9		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	36	ug/Kg	1.0	U	U	Yes	
Aroclor-1221	36	ug/Kg	1.0	U	U	Yes	
Aroclor-1232	36	ug/Kg	1.0	U	U	Yes	
Aroclor-1242	36	ug/Kg	1.0	U	U	Yes	
Aroclor-1248	36	ug/Kg	1.0	U	U	Yes	
Aroclor-1254	36	ug/Kg	1.0	U	U	Yes	
Aroclor-1260	36	ug/Kg	1.0	U	U	Yes	
Aroclor-1262	36	ug/Kg	1.0	U	U	Yes	
Aroclor-1268	36	ug/Kg	1.0	U	U	Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NX1	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-02D	pH:	5.1	Sample Date:	10102011	Sample Time:	12:32:00
% Moisture :	9.6			% Solids :	90.4		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	36	ug/Kg	1.0	U	U	Yes	
Aroclor-1221	36	ug/Kg	1.0	U	U	Yes	
Aroclor-1232	36	ug/Kg	1.0	U	U	Yes	
Aroclor-1242	36	ug/Kg	1.0	U	U	Yes	
Aroclor-1248	36	ug/Kg	1.0	U	U	Yes	
Aroclor-1254	36	ug/Kg	1.0	U	U	Yes	
Aroclor-1260	36	ug/Kg	1.0	U	U	Yes	
Aroclor-1262	36	ug/Kg	1.0	U	U	Yes	
Aroclor-1268	36	ug/Kg	1.0	U	U	Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NX1	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-02D	pH:	5.1	Sample Date:	10102011	Sample Time:	12:32:00
% Moisture :	9.6			% Solids :	90.4		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	190	ug/Kg	1.0	U	U	Yes	
Phenol	190	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethyl)ether	190	ug/Kg	1.0	U	U	Yes	
2-Chlorophenol	190	ug/Kg	1.0	U	U	Yes	
2-Methylphenol	190	ug/Kg	1.0	U	U	Yes	
2,2'-Oxybis(1-chloropropane)	190	ug/Kg	1.0	U	U	Yes	
Acetophenone	190	ug/Kg	1.0	U	U	Yes	
4-Methylphenol	190	ug/Kg	1.0	U	U	Yes	
N-Nitroso-di-n-propylamine	190	ug/Kg	1.0	U	U	Yes	
Hexachloroethane	190	ug/Kg	1.0	U	U	Yes	
Nitrobenzene	190	ug/Kg	1.0	U	U	Yes	
Isophorone	190	ug/Kg	1.0	U	U	Yes	
2-Nitrophenol	190	ug/Kg	1.0	U	U	Yes	
2,4-Dimethylphenol	190	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethoxy)methane	190	ug/Kg	1.0	U	U	Yes	
2,4-Dichlorophenol	190	ug/Kg	1.0	U	U	Yes	
Naphthalene	190	ug/Kg	1.0	U	U	Yes	
4-Chloroaniline	190	ug/Kg	1.0	U	U	Yes	
Hexachlorobutadiene	190	ug/Kg	1.0	U	U	Yes	
Caprolactam	190	ug/Kg	1.0	U	U	Yes	
4-Chloro-3-methylphenol	190	ug/Kg	1.0	U	U	Yes	
2-Methylnaphthalene	190	ug/Kg	1.0	U	U	Yes	
Hexachlorocyclopentadiene	190	ug/Kg	1.0	U	U	Yes	
2,4,6-Trichlorophenol	190	ug/Kg	1.0	U	U	Yes	
2,4,5-Trichlorophenol	190	ug/Kg	1.0	U	U	Yes	
1,1'-Biphenyl	190	ug/Kg	1.0	U	U	Yes	
2-Chloronaphthalene	190	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2-Nitroaniline	360	ug/Kg	1.0	U	U	Yes	
Dimethylphthalate	190	ug/Kg	1.0	U	U	Yes	
2,6-Dinitrotoluene	190	ug/Kg	1.0	U	U	Yes	
Acenaphthylene	190	ug/Kg	1.0	U	U	Yes	
3-Nitroaniline	360	ug/Kg	1.0	U	U	Yes	
Acenaphthene	190	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrophenol	360	ug/Kg	1.0	U	U	Yes	
4-Nitrophenol	360	ug/Kg	1.0	U	U	Yes	
Dibenzofuran	190	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrotoluene	190	ug/Kg	1.0	U	U	Yes	
Diethylphthalate	190	ug/Kg	1.0	U	U	Yes	
Fluorene	190	ug/Kg	1.0	U	U	Yes	
4-Chlorophenyl-phenylether	190	ug/Kg	1.0	U	U	Yes	
4-Nitroaniline	360	ug/Kg	1.0	U	U	Yes	
4,6-Dinitro-2-methylphenol	360	ug/Kg	1.0	U	U	Yes	
N-Nitrosodiphenylamine	190	ug/Kg	1.0	U	U	Yes	
1,2,4,5-Tetrachlorobenzene	190	ug/Kg	1.0	U	U	Yes	
4-Bromophenyl-phenylether	190	ug/Kg	1.0	U	U	Yes	
Hexachlorobenzene	190	ug/Kg	1.0	U	U	Yes	
Atrazine	190	ug/Kg	1.0	U	U	Yes	
Pentachlorophenol	360	ug/Kg	1.0	U	U	Yes	
Phenanthrene	190	ug/Kg	1.0	U	U	Yes	
Anthracene	190	ug/Kg	1.0	U	U	Yes	
Carbazole	190	ug/Kg	1.0	U	U	Yes	
Di-n-butylphthalate	190	ug/Kg	1.0	U	U	Yes	
Fluoranthene	190	ug/Kg	1.0	U	U	Yes	
Pyrene	190	ug/Kg	1.0	U	U	Yes	
Butylbenzylphthalate	190	ug/Kg	1.0	U	U	Yes	
3,3'-Dichlorobenzidine	190	ug/Kg	1.0	U	U	Yes	
Benzo(a)anthracene	190	ug/Kg	1.0	U	U	Yes	
Chrysene	190	ug/Kg	1.0	U	U	Yes	
Bis(2-ethylhexyl)	190	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
phthalate	190	ug/Kg	1.0	U	U	Yes	
Di-n-octylphthalate	190	ug/Kg	1.0	U	U	Yes	
Benzo(b)fluoranthene	190	ug/Kg	1.0	U	U	Yes	
Benzo(k)fluoranthene	190	ug/Kg	1.0	U	U	Yes	
Benzo(a)pyrene	190	ug/Kg	1.0	U	U	Yes	
Indeno(1,2,3-cd)pyrene	190	ug/Kg	1.0	U	U	Yes	
Dibenzo(a,h)anthracene	190	ug/Kg	1.0	U	U	Yes	
Benzo(g,h,i)perylene	190	ug/Kg	1.0	U	U	Yes	
2,3,4,6-Tetrachlorophenol	190	ug/Kg	1.0	U	U	Yes	
n-Hexadecanoic acid_3			1.0	NJ		No	
Benzoic acid_1			1.0	NJ		Yes	
Octadecanoic acid_4			1.0	NJ		Yes	
Squalene_5			1.0	NJ		Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NX2	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-03	pH:	7.6	Sample Date:	10102011	Sample Time:	13:52:00
% Moisture :	24.9			% Solids :	75.1		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	230	ug/Kg	1.0	U	U	Yes	
Phenol	230	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethyl)ether	230	ug/Kg	1.0	U	U	Yes	
2-Chlorophenol	230	ug/Kg	1.0	U	U	Yes	
2-Methylphenol	230	ug/Kg	1.0	U	U	Yes	
2,2'-Oxybis(1-chloropropane)	230	ug/Kg	1.0	U	U	Yes	
Acetophenone	230	ug/Kg	1.0	U	U	Yes	
4-Methylphenol	230	ug/Kg	1.0	U	U	Yes	
N-Nitroso-di-n-propylamine	230	ug/Kg	1.0	U	U	Yes	
Hexachloroethane	230	ug/Kg	1.0	U	U	Yes	
Nitrobenzene	230	ug/Kg	1.0	U	U	Yes	
Isophorone	230	ug/Kg	1.0	U	U	Yes	
2-Nitrophenol	230	ug/Kg	1.0	U	U	Yes	
2,4-Dimethylphenol	230	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethoxy)methane	230	ug/Kg	1.0	U	U	Yes	
2,4-Dichlorophenol	230	ug/Kg	1.0	U	U	Yes	
Naphthalene	230	ug/Kg	1.0	U	U	Yes	
4-Chloroaniline	230	ug/Kg	1.0	U	U	Yes	
Hexachlorobutadiene	230	ug/Kg	1.0	U	U	Yes	
Caprolactam	230	ug/Kg	1.0	U	U	Yes	
4-Chloro-3-methylphenol	230	ug/Kg	1.0	U	U	Yes	
2-Methylnaphthalene	230	ug/Kg	1.0	U	U	Yes	
Hexachlorocyclopentadiene	230	ug/Kg	1.0	U	U	Yes	
2,4,6-Trichlorophenol	230	ug/Kg	1.0	U	U	Yes	
2,4,5-Trichlorophenol	230	ug/Kg	1.0	U	U	Yes	
1,1'-Biphenyl	230	ug/Kg	1.0	U	U	Yes	
2-Chloronaphthalene	230	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2-Nitroaniline	440	ug/Kg	1.0	U	U	Yes	
Dimethylphthalate	230	ug/Kg	1.0	U	U	Yes	
2,6-Dinitrotoluene	230	ug/Kg	1.0	U	U	Yes	
Acenaphthylene	230	ug/Kg	1.0	U	U	Yes	
3-Nitroaniline	440	ug/Kg	1.0	U	U	Yes	
Acenaphthene	230	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrophenol	440	ug/Kg	1.0	U	U	Yes	
4-Nitrophenol	440	ug/Kg	1.0	U	U	Yes	
Dibenzofuran	230	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrotoluene	230	ug/Kg	1.0	U	U	Yes	
Diethylphthalate	230	ug/Kg	1.0	U	U	Yes	
Fluorene	230	ug/Kg	1.0	U	U	Yes	
4-Chlorophenyl-phenylether	230	ug/Kg	1.0	U	U	Yes	
4-Nitroaniline	440	ug/Kg	1.0	U	U	Yes	
4,6-Dinitro-2-methylphenol	440	ug/Kg	1.0	U	U	Yes	
N-Nitrosodiphenylamine	230	ug/Kg	1.0	U	U	Yes	
1,2,4,5-Tetrachlorobenzene	230	ug/Kg	1.0	U	U	Yes	
4-Bromophenyl-phenylether	230	ug/Kg	1.0	U	U	Yes	
Hexachlorobenzene	230	ug/Kg	1.0	U	U	Yes	
Atrazine	230	ug/Kg	1.0	U	U	Yes	
Pentachlorophenol	440	ug/Kg	1.0	U	U	Yes	
Phenanthrene	230	ug/Kg	1.0	U	U	Yes	
Anthracene	230	ug/Kg	1.0	U	U	Yes	
Carbazole	230	ug/Kg	1.0	U	U	Yes	
Di-n-butylphthalate	230	ug/Kg	1.0	U	U	Yes	
Fluoranthene	230	ug/Kg	1.0	U	UJ	Yes	
Pyrene	230	ug/Kg	1.0	U	U	Yes	
Butylbenzylphthalate	230	ug/Kg	1.0	U	U	Yes	
3,3'-Dichlorobenzidine	230	ug/Kg	1.0	U	U	Yes	
Benzo(a)anthracene	230	ug/Kg	1.0	U	U	Yes	
Chrysene	230	ug/Kg	1.0	U	U	Yes	
Bis(2-ethylhexyl)	230	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
phthalate	230	ug/Kg	1.0	U	U	Yes	
Di-n-octylphthalate	230	ug/Kg	1.0	U	U	Yes	
Benzo(b)fluoranthene	230	ug/Kg	1.0	U	U	Yes	
Benzo(k)fluoranthene	230	ug/Kg	1.0	U	U	Yes	
Benzo(a)pyrene	230	ug/Kg	1.0	U	U	Yes	
Indeno(1,2,3-cd)pyrene	230	ug/Kg	1.0	U	U	Yes	
Dibenzo(a,h)anthracene	230	ug/Kg	1.0	U	U	Yes	
Benzo(g,h,i)perylene	230	ug/Kg	1.0	U	U	Yes	
2,3,4,6-Tetrachlorophenol	230	ug/Kg	1.0	U	U	Yes	
n-Hexadecanoic acid_3			1.0	NJ		Yes	
1-Chloro-octacecane_6			1.0	NJ		Yes	
2-Naphthalenol, 1-[(4-nitro_12			1.0	NJ		Yes	
Bicyclo[3.1.0]hexan-3-one,_1			1.0	NJ		Yes	
Octadecanal_11			1.0	NJ		Yes	
Benzoic acid_2			1.0	NJ		Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NX2	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-03	pH:	7.6	Sample Date:	10102011	Sample Time:	13:52:00
% Moisture :	24.9			% Solids :	75.1		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	44	ug/Kg	1.0	U	U	Yes	
Aroclor-1221	44	ug/Kg	1.0	U	U	Yes	
Aroclor-1232	44	ug/Kg	1.0	U	U	Yes	
Aroclor-1242	44	ug/Kg	1.0	U	U	Yes	
Aroclor-1248	44	ug/Kg	1.0	U	U	Yes	
Aroclor-1254	44	ug/Kg	1.0	U	U	Yes	
Aroclor-1260	44	ug/Kg	1.0	U	U	Yes	
Aroclor-1262	44	ug/Kg	1.0	U	U	Yes	
Aroclor-1268	44	ug/Kg	1.0	U	U	Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NX3	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-04	pH:	7.2	Sample Date:	10112011	Sample Time:	11:55:00
% Moisture :	10.6			% Solids :	89.4		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	37	ug/Kg	1.0	U	U	Yes	
Aroclor-1221	37	ug/Kg	1.0	U	U	Yes	
Aroclor-1232	37	ug/Kg	1.0	U	U	Yes	
Aroclor-1242	37	ug/Kg	1.0	U	U	Yes	
Aroclor-1248	37	ug/Kg	1.0	U	U	Yes	
Aroclor-1254	37	ug/Kg	1.0	U	U	Yes	
Aroclor-1260	37	ug/Kg	1.0	U	U	Yes	
Aroclor-1262	37	ug/Kg	1.0	U	U	Yes	
Aroclor-1268	37	ug/Kg	1.0	U	U	Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NX3	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-04	pH:	7.2	Sample Date:	10112011	Sample Time:	11:55:00
% Moisture :	10.6			% Solids :	89.4		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	190	ug/Kg	1.0	U	U	Yes	
Phenol	190	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethyl)ether	190	ug/Kg	1.0	U	U	Yes	
2-Chlorophenol	190	ug/Kg	1.0	U	U	Yes	
2-Methylphenol	190	ug/Kg	1.0	U	U	Yes	
2,2'-Oxybis(1-chloropropane)	190	ug/Kg	1.0	U	U	Yes	
Acetophenone	190	ug/Kg	1.0	U	U	Yes	
4-Methylphenol	190	ug/Kg	1.0	U	U	Yes	
N-Nitroso-di-n-propylamine	190	ug/Kg	1.0	U	U	Yes	
Hexachloroethane	190	ug/Kg	1.0	U	U	Yes	
Nitrobenzene	190	ug/Kg	1.0	U	U	Yes	
Isophorone	190	ug/Kg	1.0	U	U	Yes	
2-Nitrophenol	190	ug/Kg	1.0	U	U	Yes	
2,4-Dimethylphenol	190	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethoxy)methane	190	ug/Kg	1.0	U	U	Yes	
2,4-Dichlorophenol	190	ug/Kg	1.0	U	U	Yes	
Naphthalene	190	ug/Kg	1.0	U	U	Yes	
4-Chloroaniline	190	ug/Kg	1.0	U	U	Yes	
Hexachlorobutadiene	190	ug/Kg	1.0	U	U	Yes	
Caprolactam	190	ug/Kg	1.0	U	U	Yes	
4-Chloro-3-methylphenol	190	ug/Kg	1.0	U	U	Yes	
2-Methylnaphthalene	190	ug/Kg	1.0	U	U	Yes	
Hexachlorocyclopentadiene	190	ug/Kg	1.0	U	U	Yes	
2,4,6-Trichlorophenol	190	ug/Kg	1.0	U	U	Yes	
2,4,5-Trichlorophenol	190	ug/Kg	1.0	U	U	Yes	
1,1'-Biphenyl	190	ug/Kg	1.0	U	U	Yes	
2-Chloronaphthalene	190	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2-Nitroaniline	370	ug/Kg	1.0	U	U	Yes	
Dimethylphthalate	190	ug/Kg	1.0	U	U	Yes	
2,6-Dinitrotoluene	190	ug/Kg	1.0	U	U	Yes	
Acenaphthylene	190	ug/Kg	1.0	U	U	Yes	
3-Nitroaniline	370	ug/Kg	1.0	U	U	Yes	
Acenaphthene	190	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrophenol	370	ug/Kg	1.0	U	U	Yes	
4-Nitrophenol	370	ug/Kg	1.0	U	U	Yes	
Dibenzofuran	190	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrotoluene	190	ug/Kg	1.0	U	U	Yes	
Diethylphthalate	190	ug/Kg	1.0	U	U	Yes	
Fluorene	190	ug/Kg	1.0	U	U	Yes	
4-Chlorophenyl-phenylether	190	ug/Kg	1.0	U	U	Yes	
4-Nitroaniline	370	ug/Kg	1.0	U	U	Yes	
4,6-Dinitro-2-methylphenol	370	ug/Kg	1.0	U	U	Yes	
N-Nitrosodiphenylamine	190	ug/Kg	1.0	U	U	Yes	
1,2,4,5-Tetrachlorobenzene	190	ug/Kg	1.0	U	U	Yes	
4-Bromophenyl-phenylether	190	ug/Kg	1.0	U	U	Yes	
Hexachlorobenzene	190	ug/Kg	1.0	U	U	Yes	
Atrazine	190	ug/Kg	1.0	U	U	Yes	
Pentachlorophenol	370	ug/Kg	1.0	U	U	Yes	
Phenanthrene	190	ug/Kg	1.0	U	U	Yes	
Anthracene	190	ug/Kg	1.0	U	U	Yes	
Carbazole	190	ug/Kg	1.0	U	U	Yes	
Di-n-butylphthalate	190	ug/Kg	1.0	U	U	Yes	
Fluoranthene	100	ug/Kg	1.0	J	J	Yes	
Pyrene	130	ug/Kg	1.0	J	J	Yes	
Butylbenzylphthalate	190	ug/Kg	1.0	U	U	Yes	
3,3'-Dichlorobenzidine	190	ug/Kg	1.0	U	U	Yes	
Benzo(a)anthracene	190	ug/Kg	1.0	U	U	Yes	
Chrysene	190	ug/Kg	1.0	U	U	Yes	
Bis(2-ethylhexyl)	190	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
phthalate	190	ug/Kg	1.0	U	U	Yes	
Di-n-octylphthalate	190	ug/Kg	1.0	U	U	Yes	
Benzo(b)fluoranthene	120	ug/Kg	1.0	J	J	Yes	
Benzo(k)fluoranthene	190	ug/Kg	1.0	U	U	Yes	
Benzo(a)pyrene	93	ug/Kg	1.0	J	J	Yes	
Indeno(1,2,3-cd)pyrene	190	ug/Kg	1.0	U	U	Yes	
Dibenzo(a,h)anthracene	190	ug/Kg	1.0	U	U	Yes	
Benzo(g,h,i)perylene	99	ug/Kg	1.0	J	J	Yes	
2,3,4,6-Tetrachlorophenol	190	ug/Kg	1.0	U	U	Yes	
Stigmast-4-en-3-one_12			1.0	NJ		Yes	
n-Hexadecanoic acid_2			1.0	NJ		No	
Octadecanoic acid_4			1.0	NJ		Yes	
Benzoic acid_1			1.0	NJ		Yes	
Dichloroacetic acid, heptadecyl ester_6			1.0	NJ		Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NX4	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-05	pH:	7.8	Sample Date:	10112011	Sample Time:	11:40:00
% Moisture :	13.3			% Solids :	86.7		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	200	ug/Kg	1.0	U	U	Yes	
Phenol	200	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethyl)ether	200	ug/Kg	1.0	U	U	Yes	
2-Chlorophenol	200	ug/Kg	1.0	U	U	Yes	
2-Methylphenol	200	ug/Kg	1.0	U	U	Yes	
2,2'-Oxybis(1-chloropropane)	200	ug/Kg	1.0	U	U	Yes	
Acetophenone	200	ug/Kg	1.0	U	U	Yes	
4-Methylphenol	200	ug/Kg	1.0	U	U	Yes	
N-Nitroso-di-n-propylamine	200	ug/Kg	1.0	U	U	Yes	
Hexachloroethane	200	ug/Kg	1.0	U	U	Yes	
Nitrobenzene	200	ug/Kg	1.0	U	U	Yes	
Isophorone	200	ug/Kg	1.0	U	U	Yes	
2-Nitrophenol	200	ug/Kg	1.0	U	U	Yes	
2,4-Dimethylphenol	200	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethoxy)methane	200	ug/Kg	1.0	U	U	Yes	
2,4-Dichlorophenol	200	ug/Kg	1.0	U	U	Yes	
Naphthalene	200	ug/Kg	1.0	U	U	Yes	
4-Chloroaniline	200	ug/Kg	1.0	U	U	Yes	
Hexachlorobutadiene	200	ug/Kg	1.0	U	U	Yes	
Caprolactam	200	ug/Kg	1.0	U	U	Yes	
4-Chloro-3-methylphenol	200	ug/Kg	1.0	U	U	Yes	
2-Methylnaphthalene	200	ug/Kg	1.0	U	U	Yes	
Hexachlorocyclopentadiene	200	ug/Kg	1.0	U	U	Yes	
2,4,6-Trichlorophenol	200	ug/Kg	1.0	U	U	Yes	
2,4,5-Trichlorophenol	200	ug/Kg	1.0	U	U	Yes	
1,1'-Biphenyl	200	ug/Kg	1.0	U	U	Yes	
2-Chloronaphthalene	200	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2-Nitroaniline	380	ug/Kg	1.0	U	U	Yes	
Dimethylphthalate	200	ug/Kg	1.0	U	U	Yes	
2,6-Dinitrotoluene	200	ug/Kg	1.0	U	U	Yes	
Acenaphthylene	200	ug/Kg	1.0	U	U	Yes	
3-Nitroaniline	380	ug/Kg	1.0	U	U	Yes	
Acenaphthene	200	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrophenol	380	ug/Kg	1.0	U	UJ	Yes	
4-Nitrophenol	380	ug/Kg	1.0	U	U	Yes	
Dibenzofuran	200	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrotoluene	200	ug/Kg	1.0	U	U	Yes	
Diethylphthalate	200	ug/Kg	1.0	U	U	Yes	
Fluorene	200	ug/Kg	1.0	U	U	Yes	
4-Chlorophenyl-phenylether	200	ug/Kg	1.0	U	U	Yes	
4-Nitroaniline	380	ug/Kg	1.0	U	U	Yes	
4,6-Dinitro-2-methylphenol	380	ug/Kg	1.0	U	U	Yes	
N-Nitrosodiphenylamine	200	ug/Kg	1.0	U	U	Yes	
1,2,4,5-Tetrachlorobenzene	200	ug/Kg	1.0	U	U	Yes	
4-Bromophenyl-phenylether	200	ug/Kg	1.0	U	U	Yes	
Hexachlorobenzene	200	ug/Kg	1.0	U	U	Yes	
Atrazine	200	ug/Kg	1.0	U	U	Yes	
Pentachlorophenol	380	ug/Kg	1.0	U	U	Yes	
Phenanthrene	200	ug/Kg	1.0	U	U	Yes	
Anthracene	200	ug/Kg	1.0	U	U	Yes	
Carbazole	200	ug/Kg	1.0	U	U	Yes	
Di-n-butylphthalate	200	ug/Kg	1.0	U	U	Yes	
Fluoranthene	200	ug/Kg	1.0	U	UJ	Yes	
Pyrene	200	ug/Kg	1.0	U	U	Yes	
Butylbenzylphthalate	200	ug/Kg	1.0	U	U	Yes	
3,3'-Dichlorobenzidine	200	ug/Kg	1.0	U	U	Yes	
Benzo(a)anthracene	200	ug/Kg	1.0	U	U	Yes	
Chrysene	200	ug/Kg	1.0	U	U	Yes	
Bis(2-ethylhexyl)	200	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
phthalate	200	ug/Kg	1.0	U	U	Yes	
Di-n-octylphthalate	200	ug/Kg	1.0	U	U	Yes	
Benzo(b)fluoranthene	200	ug/Kg	1.0	U	UJ	Yes	
Benzo(k)fluoranthene	200	ug/Kg	1.0	U	UJ	Yes	
Benzo(a)pyrene	200	ug/Kg	1.0	U	UJ	Yes	
Indeno(1,2,3-cd)pyrene	200	ug/Kg	1.0	U	UJ	Yes	
Dibenzo(a,h)anthracene	200	ug/Kg	1.0	U	UJ	Yes	
Benzo(g,h,i)perylene	200	ug/Kg	1.0	U	UJ	Yes	
2,3,4,6-Tetrachlorophenol	200	ug/Kg	1.0	U	U	Yes	
Benzoic acid_1			1.0	NJ		Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NX4	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-05	pH:	7.8	Sample Date:	10112011	Sample Time:	11:40:00
% Moisture :	13.3			% Solids :	86.7		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	38	ug/Kg	1.0	U	U	Yes	
Aroclor-1221	38	ug/Kg	1.0	U	U	Yes	
Aroclor-1232	38	ug/Kg	1.0	U	U	Yes	
Aroclor-1242	38	ug/Kg	1.0	U	U	Yes	
Aroclor-1248	38	ug/Kg	1.0	U	U	Yes	
Aroclor-1254	38	ug/Kg	1.0	U	U	Yes	
Aroclor-1260	38	ug/Kg	1.0	U	U	Yes	
Aroclor-1262	38	ug/Kg	1.0	U	U	Yes	
Aroclor-1268	38	ug/Kg	1.0	U	U	Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NX5	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-06	pH:	6.3	Sample Date:	10112011	Sample Time:	09:40:00
% Moisture :	18.4			% Solids :	81.6		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	210	ug/Kg	1.0	U	U	Yes	
Phenol	210	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethyl)ether	210	ug/Kg	1.0	U	U	Yes	
2-Chlorophenol	210	ug/Kg	1.0	U	U	Yes	
2-Methylphenol	210	ug/Kg	1.0	U	U	Yes	
2,2'-Oxybis(1-chloropropane)	210	ug/Kg	1.0	U	U	Yes	
Acetophenone	210	ug/Kg	1.0	U	U	Yes	
4-Methylphenol	210	ug/Kg	1.0	U	U	Yes	
N-Nitroso-di-n-propylamine	210	ug/Kg	1.0	U	U	Yes	
Hexachloroethane	210	ug/Kg	1.0	U	U	Yes	
Nitrobenzene	210	ug/Kg	1.0	U	U	Yes	
Isophorone	210	ug/Kg	1.0	U	U	Yes	
2-Nitrophenol	210	ug/Kg	1.0	U	U	Yes	
2,4-Dimethylphenol	210	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethoxy)methane	210	ug/Kg	1.0	U	U	Yes	
2,4-Dichlorophenol	210	ug/Kg	1.0	U	U	Yes	
Naphthalene	210	ug/Kg	1.0	U	U	Yes	
4-Chloroaniline	210	ug/Kg	1.0	U	U	Yes	
Hexachlorobutadiene	210	ug/Kg	1.0	U	U	Yes	
Caprolactam	210	ug/Kg	1.0	U	U	Yes	
4-Chloro-3-methylphenol	210	ug/Kg	1.0	U	U	Yes	
2-Methylnaphthalene	210	ug/Kg	1.0	U	U	Yes	
Hexachlorocyclopentadiene	210	ug/Kg	1.0	U	U	Yes	
2,4,6-Trichlorophenol	210	ug/Kg	1.0	U	U	Yes	
2,4,5-Trichlorophenol	210	ug/Kg	1.0	U	U	Yes	
1,1'-Biphenyl	210	ug/Kg	1.0	U	U	Yes	
2-Chloronaphthalene	210	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2-Nitroaniline	400	ug/Kg	1.0	U	U	Yes	
Dimethylphthalate	210	ug/Kg	1.0	U	U	Yes	
2,6-Dinitrotoluene	210	ug/Kg	1.0	U	U	Yes	
Acenaphthylene	210	ug/Kg	1.0	U	U	Yes	
3-Nitroaniline	400	ug/Kg	1.0	U	U	Yes	
Acenaphthene	210	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrophenol	400	ug/Kg	1.0	U	U	Yes	
4-Nitrophenol	400	ug/Kg	1.0	U	U	Yes	
Dibenzofuran	210	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrotoluene	210	ug/Kg	1.0	U	U	Yes	
Diethylphthalate	210	ug/Kg	1.0	U	U	Yes	
Fluorene	210	ug/Kg	1.0	U	U	Yes	
4-Chlorophenyl-phenylether	210	ug/Kg	1.0	U	U	Yes	
4-Nitroaniline	400	ug/Kg	1.0	U	U	Yes	
4,6-Dinitro-2-methylphenol	400	ug/Kg	1.0	U	U	Yes	
N-Nitrosodiphenylamine	210	ug/Kg	1.0	U	U	Yes	
1,2,4,5-Tetrachlorobenzene	210	ug/Kg	1.0	U	U	Yes	
4-Bromophenyl-phenylether	210	ug/Kg	1.0	U	U	Yes	
Hexachlorobenzene	210	ug/Kg	1.0	U	U	Yes	
Atrazine	210	ug/Kg	1.0	U	U	Yes	
Pentachlorophenol	400	ug/Kg	1.0	U	U	Yes	
Phenanthrene	160	ug/Kg	1.0	J	J	Yes	
Anthracene	210	ug/Kg	1.0	U	U	Yes	
Carbazole	210	ug/Kg	1.0	U	U	Yes	
Di-n-butylphthalate	210	ug/Kg	1.0	U	U	Yes	
Fluoranthene	730	ug/Kg	1.0			Yes	
Pyrene	680	ug/Kg	1.0			Yes	
Butylbenzylphthalate	210	ug/Kg	1.0	U	U	Yes	
3,3'-Dichlorobenzidine	210	ug/Kg	1.0	U	U	Yes	
Benzo(a)anthracene	400	ug/Kg	1.0			Yes	
Chrysene	500	ug/Kg	1.0			Yes	
Bis(2-ethylhexyl)	210	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
phthalate	210	ug/Kg	1.0	U	U	Yes	
Di-n-octylphthalate	210	ug/Kg	1.0	U	U	Yes	
Benzo(b)fluoranthene	490	ug/Kg	1.0			Yes	
Benzo(k)fluoranthene	470	ug/Kg	1.0			Yes	
Benzo(a)pyrene	390	ug/Kg	1.0			Yes	
Indeno(1,2,3-cd)pyrene	300	ug/Kg	1.0			Yes	
Dibenzo(a,h)anthracene	110	ug/Kg	1.0	J	J	Yes	
Benzo(g,h,i)perylene	310	ug/Kg	1.0			Yes	
2,3,4,6-Tetrachlorophenol	210	ug/Kg	1.0	U	U	Yes	
9-Octadecene, (E)-_11			1.0	NJ		Yes	
.beta.-Sitosterol_17			1.0	NJ		Yes	
5-Bromo-4-oxo-4,5,6,7-tetrahydrobenzofur_19			1.0	NJ		Yes	
Hop-22(29)-en-3.beta.-ol_20			1.0	NJ		Yes	
Benzoic acid_1			1.0	NJ		Yes	
Pyrene, 1-methyl-_5			1.0	NJ		Yes	
Benzo(e)pyrene_12			1.0	NJ		Yes	
Testosterone_22			1.0	NJ		Yes	
n-Hexadecanoic acid_3			1.0	NJ		No	
11H-Benzo[a]fluoren-			1.0	NJ		Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NX5	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-06	pH:	6.3	Sample Date:	10112011	Sample Time:	09:40:00
% Moisture :	18.4			% Solids :	81.6		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	40	ug/Kg	1.0	U	U	Yes	
Aroclor-1221	40	ug/Kg	1.0	U	U	Yes	
Aroclor-1232	40	ug/Kg	1.0	U	U	Yes	
Aroclor-1242	40	ug/Kg	1.0	U	U	Yes	
Aroclor-1248	40	ug/Kg	1.0	U	U	Yes	
Aroclor-1254	40	ug/Kg	1.0	U	U	Yes	
Aroclor-1260	40	ug/Kg	1.0	U	U	Yes	
Aroclor-1262	40	ug/Kg	1.0	U	U	Yes	
Aroclor-1268	40	ug/Kg	1.0	U	U	Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NX6	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-07	pH:	7.5	Sample Date:	10102011	Sample Time:	17:40:00
% Moisture :	5.3			% Solids :	94.7		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	180	ug/Kg	1.0	U	U	Yes	
Phenol	180	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethyl)ether	180	ug/Kg	1.0	U	U	Yes	
2-Chlorophenol	180	ug/Kg	1.0	U	U	Yes	
2-Methylphenol	180	ug/Kg	1.0	U	U	Yes	
2,2'-Oxybis(1-chloropropane)	180	ug/Kg	1.0	U	U	Yes	
Acetophenone	180	ug/Kg	1.0	U	U	Yes	
4-Methylphenol	180	ug/Kg	1.0	U	U	Yes	
N-Nitroso-di-n-propylamine	180	ug/Kg	1.0	U	U	Yes	
Hexachloroethane	180	ug/Kg	1.0	U	U	Yes	
Nitrobenzene	180	ug/Kg	1.0	U	U	Yes	
Isophorone	180	ug/Kg	1.0	U	U	Yes	
2-Nitrophenol	180	ug/Kg	1.0	U	U	Yes	
2,4-Dimethylphenol	180	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethoxy)methane	180	ug/Kg	1.0	U	U	Yes	
2,4-Dichlorophenol	180	ug/Kg	1.0	U	U	Yes	
Naphthalene	180	ug/Kg	1.0	U	U	Yes	
4-Chloroaniline	180	ug/Kg	1.0	U	U	Yes	
Hexachlorobutadiene	180	ug/Kg	1.0	U	U	Yes	
Caprolactam	180	ug/Kg	1.0	U	U	Yes	
4-Chloro-3-methylphenol	180	ug/Kg	1.0	U	U	Yes	
2-Methylnaphthalene	180	ug/Kg	1.0	U	U	Yes	
Hexachlorocyclopentadiene	180	ug/Kg	1.0	U	U	Yes	
2,4,6-Trichlorophenol	180	ug/Kg	1.0	U	U	Yes	
2,4,5-Trichlorophenol	180	ug/Kg	1.0	U	U	Yes	
1,1'-Biphenyl	180	ug/Kg	1.0	U	U	Yes	
2-Chloronaphthalene	180	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2-Nitroaniline	350	ug/Kg	1.0	U	U	Yes	
Dimethylphthalate	180	ug/Kg	1.0	U	U	Yes	
2,6-Dinitrotoluene	180	ug/Kg	1.0	U	U	Yes	
Acenaphthylene	180	ug/Kg	1.0	U	U	Yes	
3-Nitroaniline	350	ug/Kg	1.0	U	U	Yes	
Acenaphthene	180	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrophenol	350	ug/Kg	1.0	U	U	Yes	
4-Nitrophenol	350	ug/Kg	1.0	U	U	Yes	
Dibenzofuran	180	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrotoluene	180	ug/Kg	1.0	U	U	Yes	
Diethylphthalate	180	ug/Kg	1.0	U	U	Yes	
Fluorene	180	ug/Kg	1.0	U	U	Yes	
4-Chlorophenyl-phenylether	180	ug/Kg	1.0	U	U	Yes	
4-Nitroaniline	350	ug/Kg	1.0	U	U	Yes	
4,6-Dinitro-2-methylphenol	350	ug/Kg	1.0	U	U	Yes	
N-Nitrosodiphenylamine	180	ug/Kg	1.0	U	U	Yes	
1,2,4,5-Tetrachlorobenzene	180	ug/Kg	1.0	U	U	Yes	
4-Bromophenyl-phenylether	180	ug/Kg	1.0	U	U	Yes	
Hexachlorobenzene	180	ug/Kg	1.0	U	U	Yes	
Atrazine	180	ug/Kg	1.0	U	U	Yes	
Pentachlorophenol	350	ug/Kg	1.0	U	U	Yes	
Phenanthrene	360	ug/Kg	1.0			Yes	
Anthracene	180	ug/Kg	1.0	U	U	Yes	
Carbazole	180	ug/Kg	1.0	U	U	Yes	
Di-n-butylphthalate	180	ug/Kg	1.0	U	U	Yes	
Fluoranthene	280	ug/Kg	1.0			Yes	
Pyrene	160	ug/Kg	1.0	J	J	Yes	
Butylbenzylphthalate	180	ug/Kg	1.0	U	U	Yes	
3,3'-Dichlorobenzidine	180	ug/Kg	1.0	U	U	Yes	
Benzo(a)anthracene	180	ug/Kg	1.0	U	U	Yes	
Chrysene	180	ug/Kg	1.0			Yes	
Bis(2-ethylhexyl)	180	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
phthalate	180	ug/Kg	1.0	U	U	Yes	
Di-n-octylphthalate	180	ug/Kg	1.0	U	U	Yes	
Benzo(b)fluoranthene	110	ug/Kg	1.0	J	J	Yes	
Benzo(k)fluoranthene	180	ug/Kg	1.0	U	U	Yes	
Benzo(a)pyrene	180	ug/Kg	1.0	U	U	Yes	
Indeno(1,2,3-cd)pyrene	180	ug/Kg	1.0	U	U	Yes	
Dibenzo(a,h)anthracene	180	ug/Kg	1.0	U	U	Yes	
Benzo(g,h,i)perylene	180	ug/Kg	1.0	U	U	Yes	
2,3,4,6-Tetrachlorophenol	180	ug/Kg	1.0	U	U	Yes	
n-Hexadecanoic acid_3			1.0	NJ		No	
Squalene_4			1.0	NJ		Yes	
Benzoic acid_1			1.0	NJ		Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NX6	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-07	pH:	7.5	Sample Date:	10102011	Sample Time:	17:40:00
% Moisture :	5.3			% Solids :	94.7		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1221	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1232	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1242	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1248	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1254	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1260	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1262	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1268	35	ug/Kg	1.0	U	U	Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NX7	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-08	pH:	6.8	Sample Date:	10102011	Sample Time:	16:22:00
% Moisture :	15.5			% Solids :	84.5		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	39	ug/Kg	1.0	U	U	Yes	
Aroclor-1221	39	ug/Kg	1.0	U	U	Yes	
Aroclor-1232	39	ug/Kg	1.0	U	U	Yes	
Aroclor-1242	39	ug/Kg	1.0	U	U	Yes	
Aroclor-1248	39	ug/Kg	1.0	U	U	Yes	
Aroclor-1254	39	ug/Kg	1.0	U	U	Yes	
Aroclor-1260	39	ug/Kg	1.0	U	U	Yes	
Aroclor-1262	39	ug/Kg	1.0	U	U	Yes	
Aroclor-1268	39	ug/Kg	1.0	U	U	Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NX7	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-08	pH:	6.8	Sample Date:	10102011	Sample Time:	16:22:00
% Moisture :	15.5			% Solids :	84.5		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	200	ug/Kg	1.0	U	U	Yes	
Phenol	200	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethyl)ether	200	ug/Kg	1.0	U	U	Yes	
2-Chlorophenol	200	ug/Kg	1.0	U	U	Yes	
2-Methylphenol	200	ug/Kg	1.0	U	U	Yes	
2,2'-Oxybis(1-chloropropane)	200	ug/Kg	1.0	U	U	Yes	
Acetophenone	200	ug/Kg	1.0	U	U	Yes	
4-Methylphenol	200	ug/Kg	1.0	U	U	Yes	
N-Nitroso-di-n-propylamine	200	ug/Kg	1.0	U	U	Yes	
Hexachloroethane	200	ug/Kg	1.0	U	U	Yes	
Nitrobenzene	200	ug/Kg	1.0	U	U	Yes	
Isophorone	200	ug/Kg	1.0	U	U	Yes	
2-Nitrophenol	200	ug/Kg	1.0	U	U	Yes	
2,4-Dimethylphenol	200	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethoxy)methane	200	ug/Kg	1.0	U	U	Yes	
2,4-Dichlorophenol	200	ug/Kg	1.0	U	U	Yes	
Naphthalene	200	ug/Kg	1.0	U	U	Yes	
4-Chloroaniline	200	ug/Kg	1.0	U	U	Yes	
Hexachlorobutadiene	200	ug/Kg	1.0	U	U	Yes	
Caprolactam	200	ug/Kg	1.0	U	U	Yes	
4-Chloro-3-methylphenol	200	ug/Kg	1.0	U	U	Yes	
2-Methylnaphthalene	200	ug/Kg	1.0	U	U	Yes	
Hexachlorocyclopentadiene	200	ug/Kg	1.0	U	U	Yes	
2,4,6-Trichlorophenol	200	ug/Kg	1.0	U	U	Yes	
2,4,5-Trichlorophenol	200	ug/Kg	1.0	U	U	Yes	
1,1'-Biphenyl	200	ug/Kg	1.0	U	U	Yes	
2-Chloronaphthalene	200	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2-Nitroaniline	390	ug/Kg	1.0	U	U	Yes	
Dimethylphthalate	200	ug/Kg	1.0	U	U	Yes	
2,6-Dinitrotoluene	200	ug/Kg	1.0	U	U	Yes	
Acenaphthylene	200	ug/Kg	1.0	U	U	Yes	
3-Nitroaniline	390	ug/Kg	1.0	U	U	Yes	
Acenaphthene	200	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrophenol	390	ug/Kg	1.0	U	U	Yes	
4-Nitrophenol	390	ug/Kg	1.0	U	U	Yes	
Dibenzofuran	200	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrotoluene	200	ug/Kg	1.0	U	U	Yes	
Diethylphthalate	200	ug/Kg	1.0	U	U	Yes	
Fluorene	200	ug/Kg	1.0	U	U	Yes	
4-Chlorophenyl-phenylether	200	ug/Kg	1.0	U	U	Yes	
4-Nitroaniline	390	ug/Kg	1.0	U	U	Yes	
4,6-Dinitro-2-methylphenol	390	ug/Kg	1.0	U	U	Yes	
N-Nitrosodiphenylamine	200	ug/Kg	1.0	U	U	Yes	
1,2,4,5-Tetrachlorobenzene	200	ug/Kg	1.0	U	U	Yes	
4-Bromophenyl-phenylether	200	ug/Kg	1.0	U	U	Yes	
Hexachlorobenzene	200	ug/Kg	1.0	U	U	Yes	
Atrazine	200	ug/Kg	1.0	U	U	Yes	
Pentachlorophenol	390	ug/Kg	1.0	U	U	Yes	
Phenanthrene	220	ug/Kg	1.0			Yes	
Anthracene	200	ug/Kg	1.0	U	U	Yes	
Carbazole	200	ug/Kg	1.0	U	U	Yes	
Di-n-butylphthalate	200	ug/Kg	1.0	U	U	Yes	
Fluoranthene	590	ug/Kg	1.0		J	Yes	
Pyrene	560	ug/Kg	1.0			Yes	
Butylbenzylphthalate	200	ug/Kg	1.0	U	U	Yes	
3,3'-Dichlorobenzidine	200	ug/Kg	1.0	U	U	Yes	
Benzo(a)anthracene	300	ug/Kg	1.0			Yes	
Chrysene	340	ug/Kg	1.0			Yes	
Bis(2-ethylhexyl)	200	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
phthalate	200	ug/Kg	1.0	U	U	Yes	
Di-n-octylphthalate	200	ug/Kg	1.0	U	U	Yes	
Benzo(b)fluoranthene	310	ug/Kg	1.0			Yes	
Benzo(k)fluoranthene	300	ug/Kg	1.0			Yes	
Benzo(a)pyrene	290	ug/Kg	1.0			Yes	
Indeno(1,2,3-cd)pyrene	220	ug/Kg	1.0			Yes	
Dibenzo(a,h)anthracene	200	ug/Kg	1.0	U	U	Yes	
Benzo(g,h,i)perylene	230	ug/Kg	1.0			Yes	
2,3,4,6-Tetrachlorophenol	200	ug/Kg	1.0	U	U	Yes	
1,5,9-Undecatriene, 2,6,10-_11			1.0	NJ		Yes	
n-Hexadecanoic acid_3			1.0	NJ		Yes	
Pyrene, 1-methyl-_5			1.0	NJ		Yes	
Benzoic acid_1			1.0	NJ		Yes	
E-14-Hexadecenal_9			1.0	NJ		Yes	
Testosterone_22			1.0	NJ		Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NX8	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-09	pH:	6.5	Sample Date:	10102011	Sample Time:	17:27:00
% Moisture :	7.8			% Solids :	92.2		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	36	ug/Kg	1.0	U	U	Yes	
Aroclor-1221	36	ug/Kg	1.0	U	U	Yes	
Aroclor-1232	36	ug/Kg	1.0	U	U	Yes	
Aroclor-1242	36	ug/Kg	1.0	U	U	Yes	
Aroclor-1248	36	ug/Kg	1.0	U	U	Yes	
Aroclor-1254	36	ug/Kg	1.0	U	U	Yes	
Aroclor-1260	36	ug/Kg	1.0	U	U	Yes	
Aroclor-1262	36	ug/Kg	1.0	U	U	Yes	
Aroclor-1268	36	ug/Kg	1.0	U	U	Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NX8	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-09	pH:	6.5	Sample Date:	10102011	Sample Time:	17:27:00
% Moisture :	7.8			% Solids :	92.2		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	180	ug/Kg	1.0	U	U	Yes	
Phenol	180	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethyl)ether	180	ug/Kg	1.0	U	U	Yes	
2-Chlorophenol	180	ug/Kg	1.0	U	U	Yes	
2-Methylphenol	180	ug/Kg	1.0	U	U	Yes	
2,2'-Oxybis(1-chloropropane)	180	ug/Kg	1.0	U	U	Yes	
Acetophenone	180	ug/Kg	1.0	U	U	Yes	
4-Methylphenol	180	ug/Kg	1.0	U	U	Yes	
N-Nitroso-di-n-propylamine	180	ug/Kg	1.0	U	U	Yes	
Hexachloroethane	180	ug/Kg	1.0	U	U	Yes	
Nitrobenzene	180	ug/Kg	1.0	U	U	Yes	
Isophorone	180	ug/Kg	1.0	U	U	Yes	
2-Nitrophenol	180	ug/Kg	1.0	U	U	Yes	
2,4-Dimethylphenol	180	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethoxy)methane	180	ug/Kg	1.0	U	U	Yes	
2,4-Dichlorophenol	180	ug/Kg	1.0	U	U	Yes	
Naphthalene	180	ug/Kg	1.0	U	U	Yes	
4-Chloroaniline	180	ug/Kg	1.0	U	U	Yes	
Hexachlorobutadiene	180	ug/Kg	1.0	U	U	Yes	
Caprolactam	180	ug/Kg	1.0	U	UJ	Yes	
4-Chloro-3-methylphenol	180	ug/Kg	1.0	U	U	Yes	
2-Methylnaphthalene	180	ug/Kg	1.0	U	U	Yes	
Hexachlorocyclopentadiene	180	ug/Kg	1.0	U	U	Yes	
2,4,6-Trichlorophenol	180	ug/Kg	1.0	U	U	Yes	
2,4,5-Trichlorophenol	180	ug/Kg	1.0	U	U	Yes	
1,1'-Biphenyl	180	ug/Kg	1.0	U	UJ	Yes	
2-Chloronaphthalene	180	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2-Nitroaniline	360	ug/Kg	1.0	U	U	Yes	
Dimethylphthalate	180	ug/Kg	1.0	U	UJ	Yes	
2,6-Dinitrotoluene	180	ug/Kg	1.0	U	U	Yes	
Acenaphthylene	180	ug/Kg	1.0	U	U	Yes	
3-Nitroaniline	360	ug/Kg	1.0	U	U	Yes	
Acenaphthene	180	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrophenol	360	ug/Kg	1.0	U	UJ	Yes	
4-Nitrophenol	360	ug/Kg	1.0	U	U	Yes	
Dibenzofuran	180	ug/Kg	1.0	U	UJ	Yes	
2,4-Dinitrotoluene	180	ug/Kg	1.0	U	U	Yes	
Diethylphthalate	180	ug/Kg	1.0	U	UJ	Yes	
Fluorene	180	ug/Kg	1.0	U	UJ	Yes	
4-Chlorophenyl-phenylether	180	ug/Kg	1.0	U	UJ	Yes	
4-Nitroaniline	360	ug/Kg	1.0	U	U	Yes	
4,6-Dinitro-2-methylphenol	360	ug/Kg	1.0	U	U	Yes	
N-Nitrosodiphenylamine	180	ug/Kg	1.0	U	U	Yes	
1,2,4,5-Tetrachlorobenzene	180	ug/Kg	1.0	U	U	Yes	
4-Bromophenyl-phenylether	180	ug/Kg	1.0	U	UJ	Yes	
Hexachlorobenzene	180	ug/Kg	1.0	U	U	Yes	
Atrazine	180	ug/Kg	1.0	U	U	Yes	
Pentachlorophenol	360	ug/Kg	1.0	U	U	Yes	
Phenanthrene	1200	ug/Kg	1.0			Yes	
Anthracene	94	ug/Kg	1.0	J	J	Yes	
Carbazole	110	ug/Kg	1.0	J	J	Yes	
Di-n-butylphthalate	180	ug/Kg	1.0	U	UJ	Yes	
Fluoranthene	2000	ug/Kg	1.0		J	Yes	
Pyrene	1700	ug/Kg	1.0		J	Yes	
Butylbenzylphthalate	180	ug/Kg	1.0	U	UJ	Yes	
3,3'-Dichlorobenzidine	180	ug/Kg	1.0	U	U	Yes	
Benzo(a)anthracene	610	ug/Kg	1.0		J	Yes	
Chrysene	800	ug/Kg	1.0		J	Yes	
Bis(2-ethylhexyl)	180	ug/Kg	1.0	U	UJ	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
phthalate	180	ug/Kg	1.0	U	UJ	Yes	
Di-n-octylphthalate	180	ug/Kg	1.0	U	UJ	Yes	
Benzo(b)fluoranthene	570	ug/Kg	1.0		J	Yes	
Benzo(k)fluoranthene	650	ug/Kg	1.0		J	Yes	
Benzo(a)pyrene	620	ug/Kg	1.0		J	Yes	
Indeno(1,2,3-cd)pyrene	390	ug/Kg	1.0		J	Yes	
Dibenzo(a,h)anthracene	160	ug/Kg	1.0	J	J	Yes	
Benzo(g,h,i)perylene	430	ug/Kg	1.0		J	Yes	
2,3,4,6-Tetrachlorophenol	180	ug/Kg	1.0	U	U	Yes	
Pyrene, 1-methyl-_12			1.0	NJ		Yes	
11H-Benzo[a]fluoren-11-one_17			1.0	NJ		Yes	
2-Phenylnaphthalene_7			1.0	NJ		Yes	
Pyrene, 2-methyl-_13			1.0	NJ		Yes	
Phenanthrene, 1-methyl-_6			1.0	NJ		Yes	
11H-Benzo[a]fluoren-11-one_17			1.0	NJ		Yes	
Phenanthrene, 1-methyl-_6			1.0	NJ		Yes	
11H-Benzo[b]fluoren			1.0	NJ		Yes	
4H-Cyclopenta[def]phenanthrene_5			1.0	NJ		Yes	
Phenanthrene, 1-methyl-_3			1.0	NJ		Yes	
Phenanthrene, 1-methyl-_3			1.0	NJ		Yes	
Cyclopenta(def)phenanthrenone_9			1.0	NJ		Yes	
9,10-Anthracenedione_8			1.0	NJ		Yes	
9H-Fluoren-9-one_2			1.0	NJ		Yes	
11H-Benzo[a]fluoren-11-one_14			1.0	NJ		Yes	
11H-Benzo[a]fluoren-11-one_14			1.0	NJ		Yes	
Benzoic acid_1			1.0	NJ		Yes	
Phenanthrene, 2-methyl-_4			1.0	NJ		Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzo(e)pyrene_23			1.0	NJ		Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NX9	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-10	pH:	6.0	Sample Date:	10122011	Sample Time:	09:33:00
% Moisture :	12.5			% Solids :	87.5		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	38	ug/Kg	1.0	U	U	Yes	
Aroclor-1221	38	ug/Kg	1.0	U	U	Yes	
Aroclor-1232	38	ug/Kg	1.0	U	U	Yes	
Aroclor-1242	38	ug/Kg	1.0	U	U	Yes	
Aroclor-1248	38	ug/Kg	1.0	U	U	Yes	
Aroclor-1254	38	ug/Kg	1.0	U	U	Yes	
Aroclor-1260	38	ug/Kg	1.0	U	U	Yes	
Aroclor-1262	38	ug/Kg	1.0	U	U	Yes	
Aroclor-1268	38	ug/Kg	1.0	U	U	Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NX9	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-10	pH:	6.0	Sample Date:	10122011	Sample Time:	09:33:00
% Moisture :	12.5			% Solids :	87.5		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	190	ug/Kg	1.0	U	U	Yes	
Phenol	190	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethyl)ether	190	ug/Kg	1.0	U	U	Yes	
2-Chlorophenol	190	ug/Kg	1.0	U	U	Yes	
2-Methylphenol	190	ug/Kg	1.0	U	U	Yes	
2,2'-Oxybis(1-chloropropane)	190	ug/Kg	1.0	U	U	Yes	
Acetophenone	190	ug/Kg	1.0	U	U	Yes	
4-Methylphenol	190	ug/Kg	1.0	U	U	Yes	
N-Nitroso-di-n-propylamine	190	ug/Kg	1.0	U	U	Yes	
Hexachloroethane	190	ug/Kg	1.0	U	U	Yes	
Nitrobenzene	190	ug/Kg	1.0	U	U	Yes	
Isophorone	190	ug/Kg	1.0	U	U	Yes	
2-Nitrophenol	190	ug/Kg	1.0	U	U	Yes	
2,4-Dimethylphenol	190	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethoxy)methane	190	ug/Kg	1.0	U	U	Yes	
2,4-Dichlorophenol	190	ug/Kg	1.0	U	U	Yes	
Naphthalene	190	ug/Kg	1.0	U	U	Yes	
4-Chloroaniline	190	ug/Kg	1.0	U	U	Yes	
Hexachlorobutadiene	190	ug/Kg	1.0	U	U	Yes	
Caprolactam	190	ug/Kg	1.0	U	U	Yes	
4-Chloro-3-methylphenol	190	ug/Kg	1.0	U	U	Yes	
2-Methylnaphthalene	190	ug/Kg	1.0	U	U	Yes	
Hexachlorocyclopentadiene	190	ug/Kg	1.0	U	U	Yes	
2,4,6-Trichlorophenol	190	ug/Kg	1.0	U	U	Yes	
2,4,5-Trichlorophenol	190	ug/Kg	1.0	U	U	Yes	
1,1'-Biphenyl	190	ug/Kg	1.0	U	U	Yes	
2-Chloronaphthalene	190	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2-Nitroaniline	380	ug/Kg	1.0	U	U	Yes	
Dimethylphthalate	190	ug/Kg	1.0	U	U	Yes	
2,6-Dinitrotoluene	190	ug/Kg	1.0	U	U	Yes	
Acenaphthylene	190	ug/Kg	1.0	U	U	Yes	
3-Nitroaniline	380	ug/Kg	1.0	U	U	Yes	
Acenaphthene	190	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrophenol	380	ug/Kg	1.0	U	U	Yes	
4-Nitrophenol	380	ug/Kg	1.0	U	U	Yes	
Dibenzofuran	190	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrotoluene	190	ug/Kg	1.0	U	U	Yes	
Diethylphthalate	190	ug/Kg	1.0	U	U	Yes	
Fluorene	190	ug/Kg	1.0	U	U	Yes	
4-Chlorophenyl-phenylether	190	ug/Kg	1.0	U	U	Yes	
4-Nitroaniline	380	ug/Kg	1.0	U	U	Yes	
4,6-Dinitro-2-methylphenol	380	ug/Kg	1.0	U	U	Yes	
N-Nitrosodiphenylamine	190	ug/Kg	1.0	U	U	Yes	
1,2,4,5-Tetrachlorobenzene	190	ug/Kg	1.0	U	U	Yes	
4-Bromophenyl-phenylether	190	ug/Kg	1.0	U	U	Yes	
Hexachlorobenzene	190	ug/Kg	1.0	U	U	Yes	
Atrazine	190	ug/Kg	1.0	U	U	Yes	
Pentachlorophenol	380	ug/Kg	1.0	U	U	Yes	
Phenanthrene	160	ug/Kg	1.0	J	J	Yes	
Anthracene	190	ug/Kg	1.0	U	U	Yes	
Carbazole	190	ug/Kg	1.0	U	U	Yes	
Di-n-butylphthalate	190	ug/Kg	1.0	U	U	Yes	
Fluoranthene	240	ug/Kg	1.0			Yes	
Pyrene	260	ug/Kg	1.0			Yes	
Butylbenzylphthalate	190	ug/Kg	1.0	U	U	Yes	
3,3'-Dichlorobenzidine	190	ug/Kg	1.0	U	U	Yes	
Benzo(a)anthracene	130	ug/Kg	1.0	J	J	Yes	
Chrysene	180	ug/Kg	1.0	J	J	Yes	
Bis(2-ethylhexyl)	190	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
phthalate	190	ug/Kg	1.0	U	U	Yes	
Di-n-octylphthalate	190	ug/Kg	1.0	U	U	Yes	
Benzo(b)fluoranthene	170	ug/Kg	1.0	J	J	Yes	
Benzo(k)fluoranthene	140	ug/Kg	1.0	J	J	Yes	
Benzo(a)pyrene	150	ug/Kg	1.0	J	J	Yes	
Indeno(1,2,3-cd)pyrene	110	ug/Kg	1.0	J	J	Yes	
Dibenzo(a,h)anthracene	190	ug/Kg	1.0	U	U	Yes	
Benzo(g,h,i)perylene	140	ug/Kg	1.0	J	J	Yes	
2,3,4,6-Tetrachlorophenol	190	ug/Kg	1.0	U	U	Yes	
Pyrene, 1-methyl-_6			1.0	NJ		Yes	
Octadecanal_15			1.0	NJ		Yes	
Chloroacetic acid, pentadecyl ester_13			1.0	NJ		Yes	
n-Hexadecanoic acid_5			1.0	NJ		No	
1-Methylnaphthalene_3			1.0	NJ		Yes	
Perylene_14			1.0	NJ		Yes	
Benzoic acid_1			1.0	NJ		Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NY0	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-11	pH:	5.1	Sample Date:	10122011	Sample Time:	15:45:00
% Moisture :	13.8			% Solids :	86.2		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	38	ug/Kg	1.0	U	U	Yes	
Aroclor-1221	38	ug/Kg	1.0	U	U	Yes	
Aroclor-1232	38	ug/Kg	1.0	U	U	Yes	
Aroclor-1242	38	ug/Kg	1.0	U	U	Yes	
Aroclor-1248	38	ug/Kg	1.0	U	U	Yes	
Aroclor-1254	38	ug/Kg	1.0	U	U	Yes	
Aroclor-1260	38	ug/Kg	1.0	U	U	Yes	
Aroclor-1262	38	ug/Kg	1.0	U	U	Yes	
Aroclor-1268	38	ug/Kg	1.0	U	U	Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NY0	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-11	pH:	5.1	Sample Date:	10122011	Sample Time:	15:45:00
% Moisture :	13.8			% Solids :	86.2		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	200	ug/Kg	1.0	U	U	Yes	
Phenol	200	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethyl)ether	200	ug/Kg	1.0	U	U	Yes	
2-Chlorophenol	200	ug/Kg	1.0	U	U	Yes	
2-Methylphenol	200	ug/Kg	1.0	U	U	Yes	
2,2'-Oxybis(1-chloropropane)	200	ug/Kg	1.0	U	U	Yes	
Acetophenone	200	ug/Kg	1.0	U	U	Yes	
4-Methylphenol	200	ug/Kg	1.0	U	U	Yes	
N-Nitroso-di-n-propylamine	200	ug/Kg	1.0	U	U	Yes	
Hexachloroethane	200	ug/Kg	1.0	U	U	Yes	
Nitrobenzene	200	ug/Kg	1.0	U	U	Yes	
Isophorone	200	ug/Kg	1.0	U	U	Yes	
2-Nitrophenol	200	ug/Kg	1.0	U	U	Yes	
2,4-Dimethylphenol	200	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethoxy)methane	200	ug/Kg	1.0	U	U	Yes	
2,4-Dichlorophenol	200	ug/Kg	1.0	U	U	Yes	
Naphthalene	99	ug/Kg	1.0	J	J	Yes	
4-Chloroaniline	200	ug/Kg	1.0	U	U	Yes	
Hexachlorobutadiene	200	ug/Kg	1.0	U	U	Yes	
Caprolactam	200	ug/Kg	1.0	U	U	Yes	
4-Chloro-3-methylphenol	200	ug/Kg	1.0	U	U	Yes	
2-Methylnaphthalene	200	ug/Kg	1.0	U	U	Yes	
Hexachlorocyclopentadiene	200	ug/Kg	1.0	U	U	Yes	
2,4,6-Trichlorophenol	200	ug/Kg	1.0	U	U	Yes	
2,4,5-Trichlorophenol	200	ug/Kg	1.0	U	U	Yes	
1,1'-Biphenyl	200	ug/Kg	1.0	U	U	Yes	
2-Chloronaphthalene	200	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2-Nitroaniline	380	ug/Kg	1.0	U	U	Yes	
Dimethylphthalate	200	ug/Kg	1.0	U	U	Yes	
2,6-Dinitrotoluene	200	ug/Kg	1.0	U	U	Yes	
Acenaphthylene	170	ug/Kg	1.0	J	J	Yes	
3-Nitroaniline	380	ug/Kg	1.0	U	U	Yes	
Acenaphthene	190	ug/Kg	1.0	J	J	Yes	
2,4-Dinitrophenol	380	ug/Kg	1.0	U	UJ	Yes	
4-Nitrophenol	380	ug/Kg	1.0	U	U	Yes	
Dibenzofuran	150	ug/Kg	1.0	J	J	Yes	
2,4-Dinitrotoluene	200	ug/Kg	1.0	U	U	Yes	
Diethylphthalate	200	ug/Kg	1.0	U	U	Yes	
Fluorene	210	ug/Kg	1.0			Yes	
4-Chlorophenyl-phenylether	200	ug/Kg	1.0	U	U	Yes	
4-Nitroaniline	380	ug/Kg	1.0	U	U	Yes	
4,6-Dinitro-2-methylphenol	380	ug/Kg	1.0	U	U	Yes	
N-Nitrosodiphenylamine	200	ug/Kg	1.0	U	U	Yes	
1,2,4,5-Tetrachlorobenzene	200	ug/Kg	1.0	U	U	Yes	
4-Bromophenyl-phenylether	200	ug/Kg	1.0	U	U	Yes	
Hexachlorobenzene	200	ug/Kg	1.0	U	U	Yes	
Atrazine	200	ug/Kg	1.0	U	U	Yes	
Pentachlorophenol	380	ug/Kg	1.0	U	U	Yes	
Phenanthrene	2300	ug/Kg	1.0			Yes	
Anthracene	480	ug/Kg	1.0			Yes	
Carbazole	290	ug/Kg	1.0			Yes	
Di-n-butylphthalate	200	ug/Kg	1.0	U	U	Yes	
Fluoranthene	2800	ug/Kg	1.0		J	Yes	
Pyrene	2300	ug/Kg	1.0		J	Yes	
Butylbenzylphthalate	200	ug/Kg	1.0	U	U	Yes	
3,3'-Dichlorobenzidine	200	ug/Kg	1.0	U	U	Yes	
Benzo(a)anthracene	1000	ug/Kg	1.0		J	Yes	
Chrysene	1300	ug/Kg	1.0		J	Yes	
Bis(2-ethylhexyl)	200	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
phthalate	200	ug/Kg	1.0	U	U	Yes	
Di-n-octylphthalate	200	ug/Kg	1.0	U	U	Yes	
Benzo(b)fluoranthene	1600	ug/Kg	1.0		J	Yes	
Benzo(k)fluoranthene	1100	ug/Kg	1.0		J	Yes	
Benzo(a)pyrene	1200	ug/Kg	1.0		J	Yes	
Indeno(1,2,3-cd)pyrene	1100	ug/Kg	1.0		J	Yes	
Dibenzo(a,h)anthracene	380	ug/Kg	1.0		J	Yes	
Benzo(g,h,i)perylene	1200	ug/Kg	1.0		J	Yes	
2,3,4,6-Tetrachlorophenol	200	ug/Kg	1.0	U	U	Yes	
9H-Fluoren-9-one_2			1.0	NJ		Yes	
11H-Benzo[a]fluoren-11-one_18			1.0	NJ		Yes	
Dibenzothiophene_3			1.0	NJ		Yes	
Pyrene, 1-methyl-_16			1.0	NJ		Yes	
Cyclopenta(def)phenanthrenone_13			1.0	NJ		Yes	
Anthracene, 2-methyl-_7			1.0	NJ		Yes	
Phenanthrene, 2-methyl-_6			1.0	NJ		Yes	
3,4:9,10-Dibenzopyrene_30			1.0	NJ		Yes	
9,10-Anthracenedione_11			1.0	NJ		Yes	
Phenanthrene, 2-methyl-_5			1.0	NJ		Yes	
Phenanthrene, 2-methyl-_9			1.0	NJ		Yes	
Phenanthrene, 2-methyl-_5			1.0	NJ		Yes	
Phenanthrene, 2-methyl-_5			1.0	NJ		Yes	
11H-Benzo[a]fluoren-11-one_20			1.0	NJ		Yes	
Pyrene, 1-methyl-_15			1.0	NJ		Yes	
5,12-Naphthacenedione_24			1.0	NJ		Yes	
1,2:7,8-Dibenzophenanthrene_29			1.0	NJ		Yes	
1,8-Naphthalic anhydride_12			1.0	NJ		Yes	
Phenanthrene, 2-methyl-_9			1.0	NJ		Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Pyrene, 1-methyl-_16			1.0	NJ		Yes	
Pyrene, 1-methyl-_15			1.0	NJ		Yes	
Phenanthrene, 2-methyl-_6			1.0	NJ		Yes	
Benz[a]anthracene, 7-methyl-_22			1.0	NJ		Yes	
Phenanthrene, 2-methyl-_9			1.0	NJ		Yes	
11H-Benzo[a]fluoren-11-one_18			1.0	NJ		Yes	
4H-Cyclopenta[def]phenanthrene_8			1.0	NJ		Yes	
11H-Benzo[a]fluoren-11-one_20			1.0	NJ		Yes	
Phenanthrene, 2-methyl-_6			1.0	NJ		Yes	
Benzoic acid_1			1.0	NJ		Yes	
Benzo(e)pyrene_26			1.0	NJ		Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NY1	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-12	pH:	8.0	Sample Date:	10122011	Sample Time:	16:15:00
% Moisture :	5.7			% Solids :	94.3		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1221	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1232	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1242	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1248	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1254	94	ug/Kg	1.0		J	Yes	
Aroclor-1260	82	ug/Kg	1.0		J	Yes	
Aroclor-1262	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1268	35	ug/Kg	1.0	U	U	Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NY1	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-12	pH:	8.0	Sample Date:	10122011	Sample Time:	16:15:00
% Moisture :	5.7			% Solids :	94.3		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	180	ug/Kg	1.0	U	U	Yes	
Phenol	180	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethyl)ether	180	ug/Kg	1.0	U	U	Yes	
2-Chlorophenol	180	ug/Kg	1.0	U	U	Yes	
2-Methylphenol	180	ug/Kg	1.0	U	U	Yes	
2,2'-Oxybis(1-chloropropane)	180	ug/Kg	1.0	U	U	Yes	
Acetophenone	180	ug/Kg	1.0	U	U	Yes	
4-Methylphenol	180	ug/Kg	1.0	U	U	Yes	
N-Nitroso-di-n-propylamine	180	ug/Kg	1.0	U	U	Yes	
Hexachloroethane	180	ug/Kg	1.0	U	U	Yes	
Nitrobenzene	180	ug/Kg	1.0	U	U	Yes	
Isophorone	180	ug/Kg	1.0	U	U	Yes	
2-Nitrophenol	180	ug/Kg	1.0	U	U	Yes	
2,4-Dimethylphenol	180	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethoxy)methane	180	ug/Kg	1.0	U	U	Yes	
2,4-Dichlorophenol	180	ug/Kg	1.0	U	U	Yes	
Naphthalene	180	ug/Kg	1.0	U	U	Yes	
4-Chloroaniline	180	ug/Kg	1.0	U	U	Yes	
Hexachlorobutadiene	180	ug/Kg	1.0	U	U	Yes	
Caprolactam	180	ug/Kg	1.0	U	U	Yes	
4-Chloro-3-methylphenol	180	ug/Kg	1.0	U	U	Yes	
2-Methylnaphthalene	180	ug/Kg	1.0	U	U	Yes	
Hexachlorocyclopentadiene	180	ug/Kg	1.0	U	U	Yes	
2,4,6-Trichlorophenol	180	ug/Kg	1.0	U	U	Yes	
2,4,5-Trichlorophenol	180	ug/Kg	1.0	U	U	Yes	
1,1'-Biphenyl	180	ug/Kg	1.0	U	U	Yes	
2-Chloronaphthalene	180	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2-Nitroaniline	350	ug/Kg	1.0	U	U	Yes	
Dimethylphthalate	180	ug/Kg	1.0	U	U	Yes	
2,6-Dinitrotoluene	180	ug/Kg	1.0	U	U	Yes	
Acenaphthylene	180	ug/Kg	1.0	U	U	Yes	
3-Nitroaniline	350	ug/Kg	1.0	U	U	Yes	
Acenaphthene	92	ug/Kg	1.0	J	J	Yes	
2,4-Dinitrophenol	350	ug/Kg	1.0	U	U	Yes	
4-Nitrophenol	350	ug/Kg	1.0	U	U	Yes	
Dibenzofuran	180	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrotoluene	180	ug/Kg	1.0	U	U	Yes	
Diethylphthalate	180	ug/Kg	1.0	U	U	Yes	
Fluorene	180	ug/Kg	1.0	U	U	Yes	
4-Chlorophenyl-phenylether	180	ug/Kg	1.0	U	U	Yes	
4-Nitroaniline	350	ug/Kg	1.0	U	U	Yes	
4,6-Dinitro-2-methylphenol	350	ug/Kg	1.0	U	U	Yes	
N-Nitrosodiphenylamine	180	ug/Kg	1.0	U	U	Yes	
1,2,4,5-Tetrachlorobenzene	180	ug/Kg	1.0	U	U	Yes	
4-Bromophenyl-phenylether	180	ug/Kg	1.0	U	U	Yes	
Hexachlorobenzene	180	ug/Kg	1.0	U	U	Yes	
Atrazine	180	ug/Kg	1.0	U	U	Yes	
Pentachlorophenol	350	ug/Kg	1.0	U	U	Yes	
Phenanthrene	1400	ug/Kg	1.0			Yes	
Anthracene	260	ug/Kg	1.0			Yes	
Carbazole	150	ug/Kg	1.0	J	J	Yes	
Di-n-butylphthalate	180	ug/Kg	1.0	U	U	Yes	
Fluoranthene	2800	ug/Kg	1.0		J	Yes	
Pyrene	1800	ug/Kg	1.0			Yes	
Butylbenzylphthalate	180	ug/Kg	1.0	U	U	Yes	
3,3'-Dichlorobenzidine	180	ug/Kg	1.0	U	U	Yes	
Benzo(a)anthracene	1000	ug/Kg	1.0			Yes	
Chrysene	1100	ug/Kg	1.0			Yes	
Bis(2-ethylhexyl)	180	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
phthalate	180	ug/Kg	1.0	U	U	Yes	
Di-n-octylphthalate	180	ug/Kg	1.0	U	U	Yes	
Benzo(b)fluoranthene	940	ug/Kg	1.0			Yes	
Benzo(k)fluoranthene	980	ug/Kg	1.0			Yes	
Benzo(a)pyrene	900	ug/Kg	1.0			Yes	
Indeno(1,2,3-cd)pyrene	650	ug/Kg	1.0			Yes	
Dibenzo(a,h)anthracene	290	ug/Kg	1.0			Yes	
Benzo(g,h,i)perylene	720	ug/Kg	1.0			Yes	
2,3,4,6-Tetrachlorophenol	180	ug/Kg	1.0	U	U	Yes	
1,2:7,8-Dibenzophenanthrene_28			1.0	NJ		Yes	
9,10-Anthracenedione_16			1.0	NJ		Yes	
Triphenylene, 2-methyl-_24			1.0	NJ		Yes	
Benzo[b]naphtho[2,1-d]thiop_22			1.0	NJ		Yes	
1H-Indene, 2-methyl-3-pheny_17			1.0	NJ		Yes	
Dibenzofuran, 4-methyl-_4			1.0	NJ		Yes	
Benzoic acid_1			1.0	NJ		No	
9H-Fluoren-9-one_7			1.0	NJ		Yes	
Pyrene, 1-methyl-_20			1.0	NJ		Yes	
Phenanthrene, 1-methyl-_12			1.0	NJ		Yes	
Dodecane, 1-iodo-_14			1.0	NJ		Yes	
7H-Benz[de]anthracen-7-one_21			1.0	NJ		Yes	
11H-Benzo[a]fluoren-11-one_23			1.0	NJ		Yes	
Phenanthrene, 2-methyl-_11			1.0	NJ		Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NY2	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-12D	pH:	8.1	Sample Date:	10122011	Sample Time:	16:15:00
% Moisture :	5.6			% Solids :	94.4		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	180	ug/Kg	1.0	U	U	Yes	
Phenol	180	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethyl)ether	180	ug/Kg	1.0	U	U	Yes	
2-Chlorophenol	180	ug/Kg	1.0	U	U	Yes	
2-Methylphenol	180	ug/Kg	1.0	U	U	Yes	
2,2'-Oxybis(1-chloropropane)	180	ug/Kg	1.0	U	U	Yes	
Acetophenone	180	ug/Kg	1.0	U	U	Yes	
4-Methylphenol	180	ug/Kg	1.0	U	U	Yes	
N-Nitroso-di-n-propylamine	180	ug/Kg	1.0	U	U	Yes	
Hexachloroethane	180	ug/Kg	1.0	U	U	Yes	
Nitrobenzene	180	ug/Kg	1.0	U	U	Yes	
Isophorone	180	ug/Kg	1.0	U	U	Yes	
2-Nitrophenol	180	ug/Kg	1.0	U	U	Yes	
2,4-Dimethylphenol	180	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethoxy)methane	180	ug/Kg	1.0	U	U	Yes	
2,4-Dichlorophenol	180	ug/Kg	1.0	U	U	Yes	
Naphthalene	180	ug/Kg	1.0	U	U	Yes	
4-Chloroaniline	180	ug/Kg	1.0	U	U	Yes	
Hexachlorobutadiene	180	ug/Kg	1.0	U	U	Yes	
Caprolactam	180	ug/Kg	1.0	U	U	Yes	
4-Chloro-3-methylphenol	180	ug/Kg	1.0	U	U	Yes	
2-Methylnaphthalene	180	ug/Kg	1.0	U	U	Yes	
Hexachlorocyclopentadiene	180	ug/Kg	1.0	U	U	Yes	
2,4,6-Trichlorophenol	180	ug/Kg	1.0	U	U	Yes	
2,4,5-Trichlorophenol	180	ug/Kg	1.0	U	U	Yes	
1,1'-Biphenyl	180	ug/Kg	1.0	U	U	Yes	
2-Chloronaphthalene	180	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2-Nitroaniline	350	ug/Kg	1.0	U	U	Yes	
Dimethylphthalate	180	ug/Kg	1.0	U	U	Yes	
2,6-Dinitrotoluene	180	ug/Kg	1.0	U	U	Yes	
Acenaphthylene	180	ug/Kg	1.0	U	U	Yes	
3-Nitroaniline	350	ug/Kg	1.0	U	U	Yes	
Acenaphthene	100	ug/Kg	1.0	J	J	Yes	
2,4-Dinitrophenol	350	ug/Kg	1.0	U	UJ	Yes	
4-Nitrophenol	350	ug/Kg	1.0	U	U	Yes	
Dibenzofuran	180	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrotoluene	180	ug/Kg	1.0	U	U	Yes	
Diethylphthalate	180	ug/Kg	1.0	U	U	Yes	
Fluorene	180	ug/Kg	1.0	U	U	Yes	
4-Chlorophenyl-phenylether	180	ug/Kg	1.0	U	U	Yes	
4-Nitroaniline	350	ug/Kg	1.0	U	U	Yes	
4,6-Dinitro-2-methylphenol	350	ug/Kg	1.0	U	UJ	Yes	
N-Nitrosodiphenylamine	180	ug/Kg	1.0	U	UJ	Yes	
1,2,4,5-Tetrachlorobenzene	180	ug/Kg	1.0	U	U	Yes	
4-Bromophenyl-phenylether	180	ug/Kg	1.0	U	UJ	Yes	
Hexachlorobenzene	180	ug/Kg	1.0	U	UJ	Yes	
Atrazine	180	ug/Kg	1.0	U	UJ	Yes	
Pentachlorophenol	350	ug/Kg	1.0	U	UJ	Yes	
Phenanthrene	1400	ug/Kg	1.0		J	Yes	
Anthracene	320	ug/Kg	1.0		J	Yes	
Carbazole	170	ug/Kg	1.0	J	J	Yes	
Di-n-butylphthalate	180	ug/Kg	1.0	U	UJ	Yes	
Fluoranthene	3000	ug/Kg	1.0	E	J	Yes	
Pyrene	1800	ug/Kg	1.0		J	Yes	
Butylbenzylphthalate	180	ug/Kg	1.0	U	UJ	Yes	
3,3'-Dichlorobenzidine	180	ug/Kg	1.0	U	UJ	Yes	
Benzo(a)anthracene	1000	ug/Kg	1.0		J	Yes	
Chrysene	1100	ug/Kg	1.0		J	Yes	
Bis(2-ethylhexyl)	180	ug/Kg	1.0	U	UJ	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
phthalate	180	ug/Kg	1.0	U	UJ	Yes	
Di-n-octylphthalate	180	ug/Kg	1.0	U	U	Yes	
Benzo(b)fluoranthene	1100	ug/Kg	1.0			Yes	
Benzo(k)fluoranthene	780	ug/Kg	1.0			Yes	
Benzo(a)pyrene	930	ug/Kg	1.0			Yes	
Indeno(1,2,3-cd)pyrene	620	ug/Kg	1.0			Yes	
Dibenzo(a,h)anthracene	270	ug/Kg	1.0			Yes	
Benzo(g,h,i)perylene	650	ug/Kg	1.0			Yes	
2,3,4,6-Tetrachlorophenol	180	ug/Kg	1.0	U	U	Yes	
4H-Cyclopenta[def]phenanthrene_17			1.0	NJ		Yes	
Benzo[b]naphtho[2,3-d]thiophene_26			1.0	NJ		Yes	
Triphenylene, 2-methyl-_28			1.0	NJ		Yes	
Naphthalene, 1,3-dimethyl-_3			1.0	NJ		Yes	
9,10-Anthracenedione_20			1.0	NJ		Yes	
Benzoic acid_1			1.0	NJ		No	
Anthracene, 1-methyl-_14			1.0	NJ		Yes	
11H-Benzo[b]fluoren			1.0	NJ		Yes	
Anthracene, 2-methyl-_15			1.0	NJ		Yes	
11H-Benzo[a]fluoren-11-one_27			1.0	NJ		Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NY2	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-12D	pH:	8.1	Sample Date:	10122011	Sample Time:	16:15:00
% Moisture :	5.6			% Solids :	94.4		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1221	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1232	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1242	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1248	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1254	100	ug/Kg	1.0		J	Yes	
Aroclor-1260	88	ug/Kg	1.0		J	Yes	
Aroclor-1262	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1268	35	ug/Kg	1.0	U	U	Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NY2DL	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-12D	pH:	8.1	Sample Date:	10122011	Sample Time:	16:15:00
% Moisture :	5.6			% Solids :	94.4		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	900	ug/Kg	5.0	U	U	Yes	
Phenol	900	ug/Kg	5.0	U	U	Yes	
Bis(2-chloroethyl)ether	900	ug/Kg	5.0	U	U	Yes	
2-Chlorophenol	900	ug/Kg	5.0	U	U	Yes	
2-Methylphenol	900	ug/Kg	5.0	U	U	Yes	
2,2'-Oxybis(1-chloropropane)	900	ug/Kg	5.0	U	U	Yes	
Acetophenone	900	ug/Kg	5.0	U	U	Yes	
4-Methylphenol	900	ug/Kg	5.0	U	U	Yes	
N-Nitroso-di-n-propylamine	900	ug/Kg	5.0	U	U	Yes	
Hexachloroethane	900	ug/Kg	5.0	U	U	Yes	
Nitrobenzene	900	ug/Kg	5.0	U	U	Yes	
Isophorone	900	ug/Kg	5.0	U	U	Yes	
2-Nitrophenol	900	ug/Kg	5.0	U	U	Yes	
2,4-Dimethylphenol	900	ug/Kg	5.0	U	U	Yes	
Bis(2-chloroethoxy)methane	900	ug/Kg	5.0	U	U	Yes	
2,4-Dichlorophenol	900	ug/Kg	5.0	U	U	Yes	
Naphthalene	900	ug/Kg	5.0	U	U	Yes	
4-Chloroaniline	900	ug/Kg	5.0	U	U	Yes	
Hexachlorobutadiene	900	ug/Kg	5.0	U	U	Yes	
Caprolactam	900	ug/Kg	5.0	U	U	Yes	
4-Chloro-3-methylphenol	900	ug/Kg	5.0	U	U	Yes	
2-Methylnaphthalene	900	ug/Kg	5.0	U	U	Yes	
Hexachlorocyclopentadiene	900	ug/Kg	5.0	U	U	Yes	
2,4,6-Trichlorophenol	900	ug/Kg	5.0	U	U	Yes	
2,4,5-Trichlorophenol	900	ug/Kg	5.0	U	U	Yes	
1,1'-Biphenyl	900	ug/Kg	5.0	U	U	Yes	
2-Chloronaphthalene	900	ug/Kg	5.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2-Nitroaniline	1700	ug/Kg	5.0	U	U	Yes	
Dimethylphthalate	900	ug/Kg	5.0	U	U	Yes	
2,6-Dinitrotoluene	900	ug/Kg	5.0	U	U	Yes	
Acenaphthylene	900	ug/Kg	5.0	U	U	Yes	
3-Nitroaniline	1700	ug/Kg	5.0	U	U	Yes	
Acenaphthene	900	ug/Kg	5.0	U	U	Yes	
2,4-Dinitrophenol	1700	ug/Kg	5.0	U	UJ	Yes	
4-Nitrophenol	1700	ug/Kg	5.0	U	U	Yes	
Dibenzofuran	900	ug/Kg	5.0	U	U	Yes	
2,4-Dinitrotoluene	900	ug/Kg	5.0	U	U	Yes	
Diethylphthalate	900	ug/Kg	5.0	U	U	Yes	
Fluorene	900	ug/Kg	5.0	U	U	Yes	
4-Chlorophenyl-phenylether	900	ug/Kg	5.0	U	U	Yes	
4-Nitroaniline	1700	ug/Kg	5.0	U	U	Yes	
4,6-Dinitro-2-methylphenol	1700	ug/Kg	5.0	U	U	Yes	
N-Nitrosodiphenylamine	900	ug/Kg	5.0	U	U	Yes	
1,2,4,5-Tetrachlorobenzene	900	ug/Kg	5.0	U	U	Yes	
4-Bromophenyl-phenylether	900	ug/Kg	5.0	U	U	Yes	
Hexachlorobenzene	900	ug/Kg	5.0	U	U	Yes	
Atrazine	900	ug/Kg	5.0	U	U	Yes	
Pentachlorophenol	1700	ug/Kg	5.0	U	U	Yes	
Phenanthrene	1100	ug/Kg	5.0	D		Yes	
Anthracene	900	ug/Kg	5.0	U	U	Yes	
Carbazole	900	ug/Kg	5.0	U	U	Yes	
Di-n-butylphthalate	900	ug/Kg	5.0	U	U	Yes	
Fluoranthene	2100	ug/Kg	5.0	D	J	Yes	
Pyrene	1300	ug/Kg	5.0	D		Yes	
Butylbenzylphthalate	900	ug/Kg	5.0	U	U	Yes	
3,3'-Dichlorobenzidine	900	ug/Kg	5.0	U	U	Yes	
Benzo(a)anthracene	750	ug/Kg	5.0	DJ	J	Yes	
Chrysene	800	ug/Kg	5.0	DJ	J	Yes	
Bis(2-ethylhexyl)	900	ug/Kg	5.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
phthalate	900	ug/Kg	5.0	U	U	Yes	
Di-n-octylphthalate	900	ug/Kg	5.0	U	U	Yes	
Benzo(b)fluoranthene	730	ug/Kg	5.0	DJ	J	Yes	
Benzo(k)fluoranthene	610	ug/Kg	5.0	DJ	J	Yes	
Benzo(a)pyrene	710	ug/Kg	5.0	DJ	J	Yes	
Indeno(1,2,3-cd)pyrene	460	ug/Kg	5.0	DJ	J	Yes	
Dibenzo(a,h)anthracene	900	ug/Kg	5.0	U	U	Yes	
Benzo(g,h,i)perylene	490	ug/Kg	5.0	DJ	J	Yes	
2,3,4,6-Tetrachlorophenol	900	ug/Kg	5.0	U	U	Yes	
Benzoic acid_1			5.0	NJD		Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NY3	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-13	pH:	6.9	Sample Date:	10122011	Sample Time:	12:15:00
% Moisture :	7			% Solids :	93		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1221	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1232	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1242	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1248	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1254	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1260	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1262	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1268	35	ug/Kg	1.0	U	U	Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NY3	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-13	pH:	6.9	Sample Date:	10122011	Sample Time:	12:15:00
% Moisture :	7			% Solids :	93		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	180	ug/Kg	1.0	U	U	Yes	
Phenol	180	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethyl)ether	180	ug/Kg	1.0	U	U	Yes	
2-Chlorophenol	180	ug/Kg	1.0	U	U	Yes	
2-Methylphenol	180	ug/Kg	1.0	U	U	Yes	
2,2'-Oxybis(1-chloropropane)	180	ug/Kg	1.0	U	U	Yes	
Acetophenone	180	ug/Kg	1.0	U	U	Yes	
4-Methylphenol	180	ug/Kg	1.0	U	U	Yes	
N-Nitroso-di-n-propylamine	180	ug/Kg	1.0	U	U	Yes	
Hexachloroethane	180	ug/Kg	1.0	U	U	Yes	
Nitrobenzene	180	ug/Kg	1.0	U	U	Yes	
Isophorone	180	ug/Kg	1.0	U	U	Yes	
2-Nitrophenol	180	ug/Kg	1.0	U	U	Yes	
2,4-Dimethylphenol	180	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethoxy)methane	180	ug/Kg	1.0	U	U	Yes	
2,4-Dichlorophenol	180	ug/Kg	1.0	U	U	Yes	
Naphthalene	180	ug/Kg	1.0	U	U	Yes	
4-Chloroaniline	180	ug/Kg	1.0	U	U	Yes	
Hexachlorobutadiene	180	ug/Kg	1.0	U	U	Yes	
Caprolactam	180	ug/Kg	1.0	U	U	Yes	
4-Chloro-3-methylphenol	180	ug/Kg	1.0	U	U	Yes	
2-Methylnaphthalene	180	ug/Kg	1.0	U	U	Yes	
Hexachlorocyclopentadiene	180	ug/Kg	1.0	U	U	Yes	
2,4,6-Trichlorophenol	180	ug/Kg	1.0	U	U	Yes	
2,4,5-Trichlorophenol	180	ug/Kg	1.0	U	U	Yes	
1,1'-Biphenyl	180	ug/Kg	1.0	U	U	Yes	
2-Chloronaphthalene	180	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2-Nitroaniline	350	ug/Kg	1.0	U	U	Yes	
Dimethylphthalate	180	ug/Kg	1.0	U	U	Yes	
2,6-Dinitrotoluene	180	ug/Kg	1.0	U	U	Yes	
Acenaphthylene	180	ug/Kg	1.0	U	U	Yes	
3-Nitroaniline	350	ug/Kg	1.0	U	U	Yes	
Acenaphthene	180	ug/Kg	1.0	U	UJ	Yes	
2,4-Dinitrophenol	350	ug/Kg	1.0	U	UJ	Yes	
4-Nitrophenol	350	ug/Kg	1.0	U	U	Yes	
Dibenzofuran	180	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrotoluene	180	ug/Kg	1.0	U	U	Yes	
Diethylphthalate	180	ug/Kg	1.0	U	U	Yes	
Fluorene	180	ug/Kg	1.0	U	U	Yes	
4-Chlorophenyl-phenylether	180	ug/Kg	1.0	U	U	Yes	
4-Nitroaniline	350	ug/Kg	1.0	U	U	Yes	
4,6-Dinitro-2-methylphenol	350	ug/Kg	1.0	U	U	Yes	
N-Nitrosodiphenylamine	180	ug/Kg	1.0	U	U	Yes	
1,2,4,5-Tetrachlorobenzene	180	ug/Kg	1.0	U	U	Yes	
4-Bromophenyl-phenylether	180	ug/Kg	1.0	U	U	Yes	
Hexachlorobenzene	180	ug/Kg	1.0	U	U	Yes	
Atrazine	180	ug/Kg	1.0	U	U	Yes	
Pentachlorophenol	350	ug/Kg	1.0	U	U	Yes	
Phenanthrene	110	ug/Kg	1.0	J	J	Yes	
Anthracene	180	ug/Kg	1.0	U	U	Yes	
Carbazole	180	ug/Kg	1.0	U	U	Yes	
Di-n-butylphthalate	180	ug/Kg	1.0	U	U	Yes	
Fluoranthene	150	ug/Kg	1.0	J	J	Yes	
Pyrene	120	ug/Kg	1.0	J	J	Yes	
Butylbenzylphthalate	180	ug/Kg	1.0	U	U	Yes	
3,3'-Dichlorobenzidine	180	ug/Kg	1.0	U	U	Yes	
Benzo(a)anthracene	180	ug/Kg	1.0	U	U	Yes	
Chrysene	180	ug/Kg	1.0	J	J	Yes	
Bis(2-ethylhexyl)	180	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
phthalate	180	ug/Kg	1.0	U	U	Yes	
Di-n-octylphthalate	180	ug/Kg	1.0	U	U	Yes	
Benzo(b)fluoranthene	170	ug/Kg	1.0	J	J	Yes	
Benzo(k)fluoranthene	140	ug/Kg	1.0	J	J	Yes	
Benzo(a)pyrene	180	ug/Kg	1.0	U	U	Yes	
Indeno(1,2,3-cd)pyrene	180	ug/Kg	1.0	U	U	Yes	
Dibenzo(a,h)anthracene	180	ug/Kg	1.0	U	U	Yes	
Benzo(g,h,i)perylene	180	ug/Kg	1.0	U	U	Yes	
2,3,4,6-Tetrachlorophenol	180	ug/Kg	1.0	U	U	Yes	
Benzoic acid_1			1.0	NJ		Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NY3MS	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-13	pH:	6.9	Sample Date:	10122011	Sample Time:	12:15:00
% Moisture :	7			% Solids :	93		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Phenol	800	ug/Kg	1.0			Yes	
Benzaldehyde	180	ug/Kg	1.0	U	U	Yes	
2-Chlorophenol	790	ug/Kg	1.0			Yes	
Bis(2-chloroethyl)ether	180	ug/Kg	1.0	U	U	Yes	
N-Nitroso-di-n-propylamine	850	ug/Kg	1.0			Yes	
4-Chloro-3-methylphenol	830	ug/Kg	1.0			Yes	
2-Methylphenol	180	ug/Kg	1.0	U	U	Yes	
Acenaphthene	780	ug/Kg	1.0			Yes	
4-Nitrophenol	990	ug/Kg	1.0			Yes	
2,2'-Oxybis(1-chloropropane)	180	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrotoluene	800	ug/Kg	1.0			Yes	
Acetophenone	180	ug/Kg	1.0	U	U	Yes	
Pentachlorophenol	530	ug/Kg	1.0			Yes	
4-Methylphenol	180	ug/Kg	1.0	U	U	Yes	
Pyrene	920	ug/Kg	1.0			Yes	
Hexachloroethane	180	ug/Kg	1.0	U	U	Yes	
Nitrobenzene	180	ug/Kg	1.0	U	U	Yes	
Isophorone	180	ug/Kg	1.0	U	U	Yes	
2-Nitrophenol	180	ug/Kg	1.0	U	U	Yes	
2,4-Dimethylphenol	180	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethoxy)methane	180	ug/Kg	1.0	U	U	Yes	
2,4-Dichlorophenol	180	ug/Kg	1.0	U	U	Yes	
Naphthalene	180	ug/Kg	1.0	U	U	Yes	
4-Chloroaniline	180	ug/Kg	1.0	U	U	Yes	
Hexachlorobutadiene	180	ug/Kg	1.0	U	U	Yes	
Caprolactam	180	ug/Kg	1.0	U	U	Yes	
2-Methylnaphthalene	100	ug/Kg	1.0	J	J	Yes	
Hexachlorocyclopentadiene	180	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2,4,6-Trichlorophenol	180	ug/Kg	1.0	U	U	Yes	
2,4,5-Trichlorophenol	180	ug/Kg	1.0	U	U	Yes	
1,1'-Biphenyl	180	ug/Kg	1.0	U	U	Yes	
2-Chloronaphthalene	180	ug/Kg	1.0	U	U	Yes	
2-Nitroaniline	350	ug/Kg	1.0	U	U	Yes	
Dimethylphthalate	180	ug/Kg	1.0	U	U	Yes	
2,6-Dinitrotoluene	180	ug/Kg	1.0	U	U	Yes	
Acenaphthylene	180	ug/Kg	1.0	U	U	Yes	
3-Nitroaniline	350	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrophenol	350	ug/Kg	1.0	U	UJ	Yes	
Dibenzofuran	180	ug/Kg	1.0	U	U	Yes	
Diethylphthalate	180	ug/Kg	1.0	U	U	Yes	
Fluorene	180	ug/Kg	1.0	U	U	Yes	
4-Chlorophenyl-phenylether	180	ug/Kg	1.0	U	U	Yes	
4-Nitroaniline	350	ug/Kg	1.0	U	U	Yes	
4,6-Dinitro-2-methylphenol	350	ug/Kg	1.0	U	U	Yes	
N-Nitrosodiphenylamine	180	ug/Kg	1.0	U	U	Yes	
1,2,4,5-Tetrachlorobenzene	180	ug/Kg	1.0	U	U	Yes	
4-Bromophenyl-phenylether	180	ug/Kg	1.0	U	U	Yes	
Hexachlorobenzene	180	ug/Kg	1.0	U	U	Yes	
Atrazine	180	ug/Kg	1.0	U	U	Yes	
Phenanthrene	160	ug/Kg	1.0	J	J	Yes	
Anthracene	180	ug/Kg	1.0	U	U	Yes	
Carbazole	180	ug/Kg	1.0	U	U	Yes	
Di-n-butylphthalate	180	ug/Kg	1.0	U	U	Yes	
Fluoranthene	220	ug/Kg	1.0		J	Yes	
Butylbenzylphthalate	180	ug/Kg	1.0	U	U	Yes	
3,3'-Dichlorobenzidine	180	ug/Kg	1.0	U	U	Yes	
Benzo(a)anthracene	100	ug/Kg	1.0	J	J	Yes	
Chrysene	230	ug/Kg	1.0			Yes	
Bis(2-ethylhexyl)	180	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
phthalate	180	ug/Kg	1.0	U	U	Yes	
Di-n-octylphthalate	180	ug/Kg	1.0	U	U	Yes	
Benzo(b)fluoranthene	220	ug/Kg	1.0			Yes	
Benzo(k)fluoranthene	160	ug/Kg	1.0	J	J	Yes	
Benzo(a)pyrene	180	ug/Kg	1.0	U	U	Yes	
Indeno(1,2,3-cd)pyrene	100	ug/Kg	1.0	J	J	Yes	
Dibenzo(a,h)anthracene	180	ug/Kg	1.0	U	U	Yes	
Benzo(g,h,i)perylene	100	ug/Kg	1.0	J	J	Yes	
2,3,4,6-Tetrachlorophenol	180	ug/Kg	1.0	U	U	Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NY3MS	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:		pH:	6.9	Sample Date:	10122011	Sample Time:	12:15:00
% Moisture :	7			% Solids :	93		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	130	ug/Kg	1.0			Yes	
Aroclor-1260	120	ug/Kg	1.0		J	Yes	
Aroclor-1221	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1232	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1242	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1248	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1254	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1262	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1268	35	ug/Kg	1.0	U	U	Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NY3MSD	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:		pH:	6.9	Sample Date:	10122011	Sample Time:	12:15:00
% Moisture :	7			% Solids :	93		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	120	ug/Kg	1.0			Yes	
Aroclor-1260	110	ug/Kg	1.0			Yes	
Aroclor-1221	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1232	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1242	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1248	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1254	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1262	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1268	35	ug/Kg	1.0	U	U	Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NY3MSD	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-13	pH:	6.9	Sample Date:	10122011	Sample Time:	12:15:00
% Moisture :	7			% Solids :	93		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Phenol	1100	ug/Kg	1.0			Yes	
Benzaldehyde	180	ug/Kg	1.0	U	U	Yes	
2-Chlorophenol	1100	ug/Kg	1.0			Yes	
Bis(2-chloroethyl)ether	180	ug/Kg	1.0	U	U	Yes	
N-Nitroso-di-n-propylamine	1100	ug/Kg	1.0			Yes	
4-Chloro-3-methylphenol	1100	ug/Kg	1.0			Yes	
2-Methylphenol	180	ug/Kg	1.0	U	U	Yes	
Acenaphthene	1000	ug/Kg	1.0			Yes	
2,2'-Oxybis(1-chloropropane)	180	ug/Kg	1.0	U	U	Yes	
4-Nitrophenol	1300	ug/Kg	1.0			Yes	
Acetophenone	180	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrotoluene	1000	ug/Kg	1.0			Yes	
Pentachlorophenol	840	ug/Kg	1.0			Yes	
4-Methylphenol	180	ug/Kg	1.0	U	U	Yes	
Pyrene	1100	ug/Kg	1.0			Yes	
Hexachloroethane	180	ug/Kg	1.0	U	U	Yes	
Nitrobenzene	180	ug/Kg	1.0	U	U	Yes	
Isophorone	180	ug/Kg	1.0	U	U	Yes	
2-Nitrophenol	180	ug/Kg	1.0	U	U	Yes	
2,4-Dimethylphenol	180	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethoxy)methane	180	ug/Kg	1.0	U	U	Yes	
2,4-Dichlorophenol	180	ug/Kg	1.0	U	U	Yes	
Naphthalene	100	ug/Kg	1.0	J	J	Yes	
4-Chloroaniline	180	ug/Kg	1.0	U	U	Yes	
Hexachlorobutadiene	180	ug/Kg	1.0	U	U	Yes	
Caprolactam	180	ug/Kg	1.0	U	U	Yes	
2-Methylnaphthalene	140	ug/Kg	1.0	J	J	Yes	
Hexachlorocyclopentadiene	180	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2,4,6-Trichlorophenol	180	ug/Kg	1.0	U	U	Yes	
2,4,5-Trichlorophenol	180	ug/Kg	1.0	U	U	Yes	
1,1'-Biphenyl	180	ug/Kg	1.0	U	U	Yes	
2-Chloronaphthalene	180	ug/Kg	1.0	U	U	Yes	
2-Nitroaniline	350	ug/Kg	1.0	U	U	Yes	
Dimethylphthalate	180	ug/Kg	1.0	U	U	Yes	
2,6-Dinitrotoluene	180	ug/Kg	1.0	U	U	Yes	
Acenaphthylene	180	ug/Kg	1.0	U	U	Yes	
3-Nitroaniline	350	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrophenol	350	ug/Kg	1.0	U	UJ	Yes	
Dibenzofuran	180	ug/Kg	1.0	U	U	Yes	
Diethylphthalate	180	ug/Kg	1.0	U	U	Yes	
Fluorene	180	ug/Kg	1.0	U	U	Yes	
4-Chlorophenyl-phenylether	180	ug/Kg	1.0	U	U	Yes	
4-Nitroaniline	350	ug/Kg	1.0	U	U	Yes	
4,6-Dinitro-2-methylphenol	350	ug/Kg	1.0	U	U	Yes	
N-Nitrosodiphenylamine	180	ug/Kg	1.0	U	U	Yes	
1,2,4,5-Tetrachlorobenzene	180	ug/Kg	1.0	U	U	Yes	
4-Bromophenyl-phenylether	180	ug/Kg	1.0	U	U	Yes	
Hexachlorobenzene	180	ug/Kg	1.0	U	U	Yes	
Atrazine	180	ug/Kg	1.0	U	U	Yes	
Phenanthrene	190	ug/Kg	1.0			Yes	
Anthracene	180	ug/Kg	1.0	U	U	Yes	
Carbazole	180	ug/Kg	1.0	U	U	Yes	
Di-n-butylphthalate	180	ug/Kg	1.0	U	U	Yes	
Fluoranthene	260	ug/Kg	1.0		J	Yes	
Butylbenzylphthalate	180	ug/Kg	1.0	U	U	Yes	
3,3'-Dichlorobenzidine	180	ug/Kg	1.0	U	U	Yes	
Benzo(a)anthracene	120	ug/Kg	1.0	J	J	Yes	
Chrysene	290	ug/Kg	1.0			Yes	
Bis(2-ethylhexyl)	180	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
phthalate	180	ug/Kg	1.0	U	U	Yes	
Di-n-octylphthalate	180	ug/Kg	1.0	U	U	Yes	
Benzo(b)fluoranthene	320	ug/Kg	1.0			Yes	
Benzo(k)fluoranthene	180	ug/Kg	1.0	U	U	Yes	
Benzo(a)pyrene	180	ug/Kg	1.0	U	U	Yes	
Indeno(1,2,3-cd)pyrene	120	ug/Kg	1.0	J	J	Yes	
Dibenzo(a,h)anthracene	180	ug/Kg	1.0	U	U	Yes	
Benzo(g,h,i)perylene	120	ug/Kg	1.0	J	J	Yes	
2,3,4,6-Tetrachlorophenol	180	ug/Kg	1.0	U	U	Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NY4	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-14	pH:	6.2	Sample Date:	10122011	Sample Time:	13:00:00
% Moisture :	18			% Solids :	82		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	40	ug/Kg	1.0	U	U	Yes	
Aroclor-1221	40	ug/Kg	1.0	U	U	Yes	
Aroclor-1232	40	ug/Kg	1.0	U	U	Yes	
Aroclor-1242	40	ug/Kg	1.0	U	U	Yes	
Aroclor-1248	40	ug/Kg	1.0	U	U	Yes	
Aroclor-1254	83	ug/Kg	1.0		J	Yes	
Aroclor-1260	130	ug/Kg	1.0		J	Yes	
Aroclor-1262	40	ug/Kg	1.0	U	U	Yes	
Aroclor-1268	40	ug/Kg	1.0	U	U	Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NY4	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-14	pH:	6.2	Sample Date:	10122011	Sample Time:	13:00:00
% Moisture :	18			% Solids :	82		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	210	ug/Kg	1.0	U	U	Yes	
Phenol	210	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethyl)ether	210	ug/Kg	1.0	U	U	Yes	
2-Chlorophenol	210	ug/Kg	1.0	U	U	Yes	
2-Methylphenol	210	ug/Kg	1.0	U	U	Yes	
2,2'-Oxybis(1-chloropropane)	210	ug/Kg	1.0	U	U	Yes	
Acetophenone	130	ug/Kg	1.0	J	J	Yes	
4-Methylphenol	210	ug/Kg	1.0	U	U	Yes	
N-Nitroso-di-n-propylamine	210	ug/Kg	1.0	U	U	Yes	
Hexachloroethane	210	ug/Kg	1.0	U	U	Yes	
Nitrobenzene	210	ug/Kg	1.0	U	U	Yes	
Isophorone	210	ug/Kg	1.0	U	U	Yes	
2-Nitrophenol	210	ug/Kg	1.0	U	U	Yes	
2,4-Dimethylphenol	210	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethoxy)methane	210	ug/Kg	1.0	U	U	Yes	
2,4-Dichlorophenol	210	ug/Kg	1.0	U	U	Yes	
Naphthalene	600	ug/Kg	1.0			Yes	
4-Chloroaniline	210	ug/Kg	1.0	U	U	Yes	
Hexachlorobutadiene	210	ug/Kg	1.0	U	U	Yes	
Caprolactam	210	ug/Kg	1.0	U	U	Yes	
4-Chloro-3-methylphenol	210	ug/Kg	1.0	U	U	Yes	
2-Methylnaphthalene	820	ug/Kg	1.0			Yes	
Hexachlorocyclopentadiene	210	ug/Kg	1.0	U	U	Yes	
2,4,6-Trichlorophenol	210	ug/Kg	1.0	U	U	Yes	
2,4,5-Trichlorophenol	210	ug/Kg	1.0	U	U	Yes	
1,1'-Biphenyl	210	ug/Kg	1.0	U	U	Yes	
2-Chloronaphthalene	210	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2-Nitroaniline	400	ug/Kg	1.0	U	U	Yes	
Dimethylphthalate	210	ug/Kg	1.0	U	U	Yes	
2,6-Dinitrotoluene	210	ug/Kg	1.0	U	U	Yes	
Acenaphthylene	210	ug/Kg	1.0	U	U	Yes	
3-Nitroaniline	400	ug/Kg	1.0	U	U	Yes	
Acenaphthene	210	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrophenol	400	ug/Kg	1.0	U	UJ	Yes	
4-Nitrophenol	400	ug/Kg	1.0	U	U	Yes	
Dibenzofuran	230	ug/Kg	1.0			Yes	
2,4-Dinitrotoluene	210	ug/Kg	1.0	U	U	Yes	
Diethylphthalate	210	ug/Kg	1.0	U	U	Yes	
Fluorene	210	ug/Kg	1.0	U	U	Yes	
4-Chlorophenyl-phenylether	210	ug/Kg	1.0	U	U	Yes	
4-Nitroaniline	400	ug/Kg	1.0	U	U	Yes	
4,6-Dinitro-2-methylphenol	400	ug/Kg	1.0	U	U	Yes	
N-Nitrosodiphenylamine	210	ug/Kg	1.0	U	U	Yes	
1,2,4,5-Tetrachlorobenzene	210	ug/Kg	1.0	U	U	Yes	
4-Bromophenyl-phenylether	210	ug/Kg	1.0	U	U	Yes	
Hexachlorobenzene	210	ug/Kg	1.0	U	U	Yes	
Atrazine	210	ug/Kg	1.0	U	U	Yes	
Pentachlorophenol	400	ug/Kg	1.0	U	U	Yes	
Phenanthrene	420	ug/Kg	1.0			Yes	
Anthracene	210	ug/Kg	1.0	U	U	Yes	
Carbazole	210	ug/Kg	1.0	U	U	Yes	
Di-n-butylphthalate	210	ug/Kg	1.0	U	U	Yes	
Fluoranthene	270	ug/Kg	1.0		J	Yes	
Pyrene	200	ug/Kg	1.0	J	J	Yes	
Butylbenzylphthalate	210	ug/Kg	1.0	U	U	Yes	
3,3'-Dichlorobenzidine	210	ug/Kg	1.0	U	U	Yes	
Benzo(a)anthracene	140	ug/Kg	1.0	J	J	Yes	
Chrysene	190	ug/Kg	1.0	J	J	Yes	
Bis(2-ethylhexyl)	210	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
phthalate	210	ug/Kg	1.0	U	U	Yes	
Di-n-octylphthalate	210	ug/Kg	1.0	U	U	Yes	
Benzo(b)fluoranthene	170	ug/Kg	1.0	J	J	Yes	
Benzo(k)fluoranthene	130	ug/Kg	1.0	J	J	Yes	
Benzo(a)pyrene	120	ug/Kg	1.0	J	J	Yes	
Indeno(1,2,3-cd)pyrene	210	ug/Kg	1.0	U	UJ	Yes	
Dibenzo(a,h)anthracene	210	ug/Kg	1.0	U	UJ	Yes	
Benzo(g,h,i)perylene	120	ug/Kg	1.0	J	J	Yes	
2,3,4,6-Tetrachlorophenol	210	ug/Kg	1.0	U	U	Yes	
Benzene, 2-ethyl-1,4-dimeth_2			1.0	NJ		Yes	
Naphthalene, 2,6-dimethyl-_8			1.0	NJ		Yes	
n-Hexadecanoic acid_19			1.0	NJ		No	
2-Hydroxyfluorene_11			1.0	NJ		Yes	
Anthracene, 2-methyl-_18			1.0	NJ		Yes	
Dibenzofuran, 4-methyl-_12			1.0	NJ		Yes	
Naphthalene, 2,3,6-trimethy_9			1.0	NJ		Yes	
Naphthalene, 1-methyl-7-(1-_15			1.0	NJ		Yes	
Naphthalene, 2,6-dimethyl-_7			1.0	NJ		Yes	
1-Methylnaphthalene_6			1.0	NJ		Yes	
Naphthalene, 2,6-dimethyl-_8			1.0	NJ		Yes	
Naphthalene, 2,6-dimethyl-_7			1.0	NJ		Yes	
Tetratetracontane_27			1.0	NJ		Yes	
Retene_24			1.0	NJ		Yes	
Benzoic acid_3			1.0	NJ		Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NY5	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-15	pH:	5.0	Sample Date:	10112011	Sample Time:	18:52:00
% Moisture :	9.1			% Solids :	90.9		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	36	ug/Kg	1.0	U	U	Yes	
Aroclor-1221	36	ug/Kg	1.0	U	U	Yes	
Aroclor-1232	36	ug/Kg	1.0	U	U	Yes	
Aroclor-1242	36	ug/Kg	1.0	U	U	Yes	
Aroclor-1248	36	ug/Kg	1.0	U	U	Yes	
Aroclor-1254	36	ug/Kg	1.0	U	U	Yes	
Aroclor-1260	36	ug/Kg	1.0	U	U	Yes	
Aroclor-1262	36	ug/Kg	1.0	U	U	Yes	
Aroclor-1268	36	ug/Kg	1.0	U	U	Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NY5	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-15	pH:	5.0	Sample Date:	10112011	Sample Time:	18:52:00
% Moisture :	9.1			% Solids :	90.9		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	160	ug/Kg	1.0	J	J	Yes	
Phenol	190	ug/Kg	1.0	U	UJ	Yes	
Bis(2-chloroethyl)ether	190	ug/Kg	1.0	U	UJ	Yes	
2-Chlorophenol	190	ug/Kg	1.0	U	UJ	Yes	
2-Methylphenol	190	ug/Kg	1.0	U	UJ	Yes	
2,2'-Oxybis(1-chloropropane)	190	ug/Kg	1.0	U	UJ	Yes	
Acetophenone	450	ug/Kg	1.0		J	Yes	
4-Methylphenol	190	ug/Kg	1.0	U	UJ	Yes	
N-Nitroso-di-n-propylamine	190	ug/Kg	1.0	U	UJ	Yes	
Hexachloroethane	190	ug/Kg	1.0	U	UJ	Yes	
Nitrobenzene	190	ug/Kg	1.0	U	UJ	Yes	
Isophorone	190	ug/Kg	1.0	U	UJ	Yes	
2-Nitrophenol	190	ug/Kg	1.0	U	UJ	Yes	
2,4-Dimethylphenol	190	ug/Kg	1.0	U	UJ	Yes	
Bis(2-chloroethoxy)methane	190	ug/Kg	1.0	U	UJ	Yes	
2,4-Dichlorophenol	190	ug/Kg	1.0	U	UJ	Yes	
Naphthalene	190	ug/Kg	1.0	U	UJ	Yes	
4-Chloroaniline	190	ug/Kg	1.0	U	UJ	Yes	
Hexachlorobutadiene	190	ug/Kg	1.0	U	UJ	Yes	
Caprolactam	190	ug/Kg	1.0	U	UJ	Yes	
4-Chloro-3-methylphenol	190	ug/Kg	1.0	U	UJ	Yes	
2-Methylnaphthalene	190	ug/Kg	1.0	U	UJ	Yes	
Hexachlorocyclopentadiene	190	ug/Kg	1.0	U	UJ	Yes	
2,4,6-Trichlorophenol	190	ug/Kg	1.0	U	UJ	Yes	
2,4,5-Trichlorophenol	190	ug/Kg	1.0	U	UJ	Yes	
1,1'-Biphenyl	190	ug/Kg	1.0	U	UJ	Yes	
2-Chloronaphthalene	190	ug/Kg	1.0	U	UJ	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2-Nitroaniline	360	ug/Kg	1.0	U	UJ	Yes	
Dimethylphthalate	190	ug/Kg	1.0	U	UJ	Yes	
2,6-Dinitrotoluene	190	ug/Kg	1.0	U	UJ	Yes	
Acenaphthylene	190	ug/Kg	1.0	U	UJ	Yes	
3-Nitroaniline	360	ug/Kg	1.0	U	UJ	Yes	
Acenaphthene	190	ug/Kg	1.0	U	UJ	Yes	
2,4-Dinitrophenol	360	ug/Kg	1.0	U	UJ	Yes	
4-Nitrophenol	360	ug/Kg	1.0	U	UJ	Yes	
Dibenzofuran	190	ug/Kg	1.0	U	UJ	Yes	
2,4-Dinitrotoluene	190	ug/Kg	1.0	U	UJ	Yes	
Diethylphthalate	190	ug/Kg	1.0	U	UJ	Yes	
Fluorene	190	ug/Kg	1.0	U	UJ	Yes	
4-Chlorophenyl-phenylether	190	ug/Kg	1.0	U	UJ	Yes	
4-Nitroaniline	360	ug/Kg	1.0	U	UJ	Yes	
4,6-Dinitro-2-methylphenol	360	ug/Kg	1.0	U	UJ	Yes	
N-Nitrosodiphenylamine	190	ug/Kg	1.0	U	UJ	Yes	
1,2,4,5-Tetrachlorobenzene	190	ug/Kg	1.0	U	UJ	Yes	
4-Bromophenyl-phenylether	190	ug/Kg	1.0	U	UJ	Yes	
Hexachlorobenzene	190	ug/Kg	1.0	U	UJ	Yes	
Atrazine	190	ug/Kg	1.0	U	UJ	Yes	
Pentachlorophenol	360	ug/Kg	1.0	U	UJ	Yes	
Phenanthrene	210	ug/Kg	1.0		J	Yes	
Anthracene	190	ug/Kg	1.0	U	UJ	Yes	
Carbazole	190	ug/Kg	1.0	U	UJ	Yes	
Di-n-butylphthalate	190	ug/Kg	1.0	U	UJ	Yes	
Fluoranthene	330	ug/Kg	1.0		J	Yes	
Pyrene	270	ug/Kg	1.0		J	Yes	
Butylbenzylphthalate	190	ug/Kg	1.0	U	UJ	Yes	
3,3'-Dichlorobenzidine	190	ug/Kg	1.0	U	UJ	Yes	
Benzo(a)anthracene	120	ug/Kg	1.0	J	J	Yes	
Chrysene	150	ug/Kg	1.0	J	J	Yes	
Bis(2-ethylhexyl)	290	ug/Kg	1.0		J	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
phthalate	290	ug/Kg	1.0		J	Yes	
Di-n-octylphthalate	190	ug/Kg	1.0	U	UJ	Yes	
Benzo(b)fluoranthene	120	ug/Kg	1.0	J	J	Yes	
Benzo(k)fluoranthene	190	ug/Kg	1.0	U	UJ	Yes	
Benzo(a)pyrene	110	ug/Kg	1.0	J	J	Yes	
Indeno(1,2,3-cd)pyrene	190	ug/Kg	1.0	U	UJ	Yes	
Dibenzo(a,h)anthracene	190	ug/Kg	1.0	U	UJ	Yes	
Benzo(g,h,i)perylene	190	ug/Kg	1.0	U	UJ	Yes	
2,3,4,6-Tetrachlorophenol	190	ug/Kg	1.0	U	UJ	Yes	
Squalene_16			1.0	NJ		Yes	
Tetradecanoic acid_5			1.0	NJ		Yes	
Nonanoic acid_2			1.0	NJ		Yes	
Oxirane, heptadecyl-_19			1.0	NJ		Yes	
Hexadecenoic acid, Z-11-_6			1.0	NJ		Yes	
n-Hexadecanoic acid_7			1.0	NJ		Yes	
9-Octadecenamide, (Z)-_15			1.0	NJ		Yes	
26-Nor-5-cholesten-3.beta.-_23			1.0	NJ		Yes	
Octadecanoic acid_9			1.0	NJ		Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NY6	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-16	pH:	7.4	Sample Date:	10112011	Sample Time:	17:08:00
% Moisture :	12.2			% Solids :	87.8		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	190	ug/Kg	1.0	U	U	Yes	
Phenol	190	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethyl)ether	190	ug/Kg	1.0	U	U	Yes	
2-Chlorophenol	190	ug/Kg	1.0	U	U	Yes	
2-Methylphenol	190	ug/Kg	1.0	U	U	Yes	
2,2'-Oxybis(1-chloropropane)	190	ug/Kg	1.0	U	U	Yes	
Acetophenone	190	ug/Kg	1.0	U	U	Yes	
4-Methylphenol	190	ug/Kg	1.0	U	U	Yes	
N-Nitroso-di-n-propylamine	190	ug/Kg	1.0	U	U	Yes	
Hexachloroethane	190	ug/Kg	1.0	U	U	Yes	
Nitrobenzene	190	ug/Kg	1.0	U	U	Yes	
Isophorone	190	ug/Kg	1.0	U	U	Yes	
2-Nitrophenol	190	ug/Kg	1.0	U	U	Yes	
2,4-Dimethylphenol	190	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethoxy)methane	190	ug/Kg	1.0	U	U	Yes	
2,4-Dichlorophenol	190	ug/Kg	1.0	U	U	Yes	
Naphthalene	200	ug/Kg	1.0			Yes	
4-Chloroaniline	190	ug/Kg	1.0	U	U	Yes	
Hexachlorobutadiene	190	ug/Kg	1.0	U	U	Yes	
Caprolactam	190	ug/Kg	1.0	U	U	Yes	
4-Chloro-3-methylphenol	190	ug/Kg	1.0	U	U	Yes	
2-Methylnaphthalene	190	ug/Kg	1.0	U	U	Yes	
Hexachlorocyclopentadiene	190	ug/Kg	1.0	U	U	Yes	
2,4,6-Trichlorophenol	190	ug/Kg	1.0	U	U	Yes	
2,4,5-Trichlorophenol	190	ug/Kg	1.0	U	U	Yes	
1,1'-Biphenyl	190	ug/Kg	1.0	U	U	Yes	
2-Chloronaphthalene	190	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2-Nitroaniline	380	ug/Kg	1.0	U	U	Yes	
Dimethylphthalate	190	ug/Kg	1.0	U	U	Yes	
2,6-Dinitrotoluene	190	ug/Kg	1.0	U	U	Yes	
Acenaphthylene	190	ug/Kg	1.0	U	U	Yes	
3-Nitroaniline	380	ug/Kg	1.0	U	U	Yes	
Acenaphthene	190	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrophenol	380	ug/Kg	1.0	U	UJ	Yes	
4-Nitrophenol	380	ug/Kg	1.0	U	U	Yes	
Dibenzofuran	190	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrotoluene	190	ug/Kg	1.0	U	U	Yes	
Diethylphthalate	190	ug/Kg	1.0	U	U	Yes	
Fluorene	190	ug/Kg	1.0	U	U	Yes	
4-Chlorophenyl-phenylether	190	ug/Kg	1.0	U	U	Yes	
4-Nitroaniline	380	ug/Kg	1.0	U	U	Yes	
4,6-Dinitro-2-methylphenol	380	ug/Kg	1.0	U	U	Yes	
N-Nitrosodiphenylamine	190	ug/Kg	1.0	U	U	Yes	
1,2,4,5-Tetrachlorobenzene	330	ug/Kg	1.0			Yes	
4-Bromophenyl-phenylether	190	ug/Kg	1.0	U	U	Yes	
Hexachlorobenzene	380	ug/Kg	1.0			Yes	
Atrazine	190	ug/Kg	1.0	U	U	Yes	
Pentachlorophenol	380	ug/Kg	1.0	U	U	Yes	
Phenanthrene	250	ug/Kg	1.0			Yes	
Anthracene	190	ug/Kg	1.0	U	U	Yes	
Carbazole	190	ug/Kg	1.0	U	U	Yes	
Di-n-butylphthalate	190	ug/Kg	1.0	U	U	Yes	
Fluoranthene	160	ug/Kg	1.0	J	J	Yes	
Pyrene	130	ug/Kg	1.0	J	J	Yes	
Butylbenzylphthalate	190	ug/Kg	1.0	U	U	Yes	
3,3'-Dichlorobenzidine	190	ug/Kg	1.0	U	U	Yes	
Benzo(a)anthracene	190	ug/Kg	1.0	U	U	Yes	
Chrysene	190	ug/Kg	1.0	J	J	Yes	
Bis(2-ethylhexyl)	200	ug/Kg	1.0			Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
phthalate	200	ug/Kg	1.0			Yes	
Di-n-octylphthalate	190	ug/Kg	1.0	U	U	Yes	
Benzo(b)fluoranthene	190	ug/Kg	1.0	U	U	Yes	
Benzo(k)fluoranthene	190	ug/Kg	1.0	U	U	Yes	
Benzo(a)pyrene	190	ug/Kg	1.0	U	U	Yes	
Indeno(1,2,3-cd)pyrene	190	ug/Kg	1.0	U	U	Yes	
Dibenzo(a,h)anthracene	190	ug/Kg	1.0	U	U	Yes	
Benzo(g,h,i)perylene	190	ug/Kg	1.0	J	J	Yes	
2,3,4,6-Tetrachlorophenol	190	ug/Kg	1.0	U	U	Yes	
Octadecanoic acid_19			1.0	NJ		Yes	
Phenanthrene, 3,4,5,6-tetra_21			1.0	NJ		Yes	
Phenanthrene, 1-methyl-_13			1.0	NJ		Yes	
1-Methylnaphthalene_6			1.0	NJ		Yes	
Naphthalene, 1,2,3,4-tetram_10			1.0	NJ		Yes	
Naphthalene, 2,6-dimethyl-_7			1.0	NJ		Yes	
n-Hexadecanoic acid_14			1.0	NJ		No	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NY6	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-16	pH:	7.4	Sample Date:	10112011	Sample Time:	17:08:00
% Moisture :	12.2			% Solids :	87.8		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	38	ug/Kg	1.0	U	U	Yes	
Aroclor-1221	38	ug/Kg	1.0	U	U	Yes	
Aroclor-1232	38	ug/Kg	1.0	U	U	Yes	
Aroclor-1242	38	ug/Kg	1.0	U	U	Yes	
Aroclor-1248	38	ug/Kg	1.0	U	U	Yes	
Aroclor-1254	330	ug/Kg	1.0			Yes	
Aroclor-1260	490	ug/Kg	1.0			Yes	
Aroclor-1262	38	ug/Kg	1.0	U	U	Yes	
Aroclor-1268	38	ug/Kg	1.0	U	U	Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NY6DL	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-16	pH:	7.4	Sample Date:	10112011	Sample Time:	17:08:00
% Moisture :	12.2			% Solids :	87.8		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	75	ug/Kg	2.0	U	U	Yes	
Aroclor-1221	75	ug/Kg	2.0	U	U	Yes	
Aroclor-1232	75	ug/Kg	2.0	U	U	Yes	
Aroclor-1242	75	ug/Kg	2.0	U	U	Yes	
Aroclor-1248	75	ug/Kg	2.0	U	U	Yes	
Aroclor-1254	280	ug/Kg	2.0	D		Yes	
Aroclor-1260	480	ug/Kg	2.0	D		Yes	
Aroclor-1262	75	ug/Kg	2.0	U	U	Yes	
Aroclor-1268	75	ug/Kg	2.0	U	U	Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NY7	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-17	pH:	7.1	Sample Date:	10112011	Sample Time:	16:52:00
% Moisture :	7.2			% Solids :	92.8		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	180	ug/Kg	1.0	U	U	Yes	
Phenol	180	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethyl)ether	180	ug/Kg	1.0	U	U	Yes	
2-Chlorophenol	180	ug/Kg	1.0	U	U	Yes	
2-Methylphenol	180	ug/Kg	1.0	U	U	Yes	
2,2'-Oxybis(1-chloropropane)	180	ug/Kg	1.0	U	U	Yes	
Acetophenone	180	ug/Kg	1.0	U	U	Yes	
4-Methylphenol	180	ug/Kg	1.0	U	U	Yes	
N-Nitroso-di-n-propylamine	180	ug/Kg	1.0	U	U	Yes	
Hexachloroethane	180	ug/Kg	1.0	U	U	Yes	
Nitrobenzene	180	ug/Kg	1.0	U	U	Yes	
Isophorone	180	ug/Kg	1.0	U	U	Yes	
2-Nitrophenol	180	ug/Kg	1.0	U	U	Yes	
2,4-Dimethylphenol	180	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethoxy)methane	180	ug/Kg	1.0	U	U	Yes	
2,4-Dichlorophenol	180	ug/Kg	1.0	U	U	Yes	
Naphthalene	180	ug/Kg	1.0	U	U	Yes	
4-Chloroaniline	180	ug/Kg	1.0	U	U	Yes	
Hexachlorobutadiene	180	ug/Kg	1.0	U	U	Yes	
Caprolactam	180	ug/Kg	1.0	U	U	Yes	
4-Chloro-3-methylphenol	180	ug/Kg	1.0	U	U	Yes	
2-Methylnaphthalene	180	ug/Kg	1.0	U	U	Yes	
Hexachlorocyclopentadiene	180	ug/Kg	1.0	U	U	Yes	
2,4,6-Trichlorophenol	180	ug/Kg	1.0	U	U	Yes	
2,4,5-Trichlorophenol	180	ug/Kg	1.0	U	U	Yes	
1,1'-Biphenyl	180	ug/Kg	1.0	U	U	Yes	
2-Chloronaphthalene	180	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2-Nitroaniline	360	ug/Kg	1.0	U	U	Yes	
Dimethylphthalate	180	ug/Kg	1.0	U	U	Yes	
2,6-Dinitrotoluene	180	ug/Kg	1.0	U	U	Yes	
Acenaphthylene	180	ug/Kg	1.0	U	U	Yes	
3-Nitroaniline	360	ug/Kg	1.0	U	U	Yes	
Acenaphthene	180	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrophenol	360	ug/Kg	1.0	U	UJ	Yes	
4-Nitrophenol	360	ug/Kg	1.0	U	U	Yes	
Dibenzofuran	180	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrotoluene	180	ug/Kg	1.0	U	U	Yes	
Diethylphthalate	180	ug/Kg	1.0	U	U	Yes	
Fluorene	180	ug/Kg	1.0	U	U	Yes	
4-Chlorophenyl-phenylether	180	ug/Kg	1.0	U	U	Yes	
4-Nitroaniline	360	ug/Kg	1.0	U	U	Yes	
4,6-Dinitro-2-methylphenol	360	ug/Kg	1.0	U	U	Yes	
N-Nitrosodiphenylamine	180	ug/Kg	1.0	U	U	Yes	
1,2,4,5-Tetrachlorobenzene	180	ug/Kg	1.0	U	U	Yes	
4-Bromophenyl-phenylether	180	ug/Kg	1.0	U	U	Yes	
Hexachlorobenzene	180	ug/Kg	1.0	U	U	Yes	
Atrazine	180	ug/Kg	1.0	U	U	Yes	
Pentachlorophenol	360	ug/Kg	1.0	U	U	Yes	
Phenanthrene	200	ug/Kg	1.0			Yes	
Anthracene	180	ug/Kg	1.0	U	U	Yes	
Carbazole	180	ug/Kg	1.0	U	U	Yes	
Di-n-butylphthalate	180	ug/Kg	1.0	U	U	Yes	
Fluoranthene	180	ug/Kg	1.0	J	J	Yes	
Pyrene	140	ug/Kg	1.0	J	J	Yes	
Butylbenzylphthalate	180	ug/Kg	1.0	U	U	Yes	
3,3'-Dichlorobenzidine	180	ug/Kg	1.0	U	U	Yes	
Benzo(a)anthracene	120	ug/Kg	1.0	J	J	Yes	
Chrysene	150	ug/Kg	1.0	J	J	Yes	
Bis(2-ethylhexyl)	180	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
phthalate	180	ug/Kg	1.0	U	U	Yes	
Di-n-octylphthalate	180	ug/Kg	1.0	U	U	Yes	
Benzo(b)fluoranthene	150	ug/Kg	1.0	J	J	Yes	
Benzo(k)fluoranthene	110	ug/Kg	1.0	J	J	Yes	
Benzo(a)pyrene	120	ug/Kg	1.0	J	J	Yes	
Indeno(1,2,3-cd)pyrene	180	ug/Kg	1.0	U	U	Yes	
Dibenzo(a,h)anthracene	180	ug/Kg	1.0	U	U	Yes	
Benzo(g,h,i)perylene	180	ug/Kg	1.0	U	U	Yes	
2,3,4,6-Tetrachlorophenol	180	ug/Kg	1.0	U	U	Yes	
n-Hexadecanoic acid_9			1.0	NJ		No	
1H-Cyclopropa[l]phenanthren_11			1.0	NJ		Yes	
Phenanthrene, 2-methyl-_8			1.0	NJ		Yes	
Anthracene, 2-ethyl-_13			1.0	NJ		Yes	
Dibenzofuran, 4-methyl-_2			1.0	NJ		Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NY7	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-17	pH:	7.1	Sample Date:	10112011	Sample Time:	16:52:00
% Moisture :	7.2			% Solids :	92.8		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1221	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1232	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1242	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1248	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1254	36	ug/Kg	1.0			Yes	
Aroclor-1260	25	ug/Kg	1.0	JP	J	Yes	
Aroclor-1262	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1268	35	ug/Kg	1.0	U	U	Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NY8	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-18	pH:	7.8	Sample Date:	10112011	Sample Time:	15:20:00
% Moisture :	6.4			% Solids :	93.6		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1221	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1232	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1242	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1248	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1254	560	ug/Kg	1.0	E	J	Yes	
Aroclor-1260	560	ug/Kg	1.0	E	J	Yes	
Aroclor-1262	35	ug/Kg	1.0	U	U	Yes	
Aroclor-1268	35	ug/Kg	1.0	U	U	Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NY8	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-18	pH:	7.8	Sample Date:	10112011	Sample Time:	15:20:00
% Moisture :	6.4			% Solids :	93.6		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	180	ug/Kg	1.0	U	U	Yes	
Phenol	180	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethyl)ether	180	ug/Kg	1.0	U	U	Yes	
2-Chlorophenol	180	ug/Kg	1.0	U	U	Yes	
2-Methylphenol	180	ug/Kg	1.0	U	U	Yes	
2,2'-Oxybis(1-chloropropane)	180	ug/Kg	1.0	U	U	Yes	
Acetophenone	180	ug/Kg	1.0	U	U	Yes	
4-Methylphenol	180	ug/Kg	1.0	U	U	Yes	
N-Nitroso-di-n-propylamine	180	ug/Kg	1.0	U	U	Yes	
Hexachloroethane	180	ug/Kg	1.0	U	U	Yes	
Nitrobenzene	180	ug/Kg	1.0	U	U	Yes	
Isophorone	180	ug/Kg	1.0	U	U	Yes	
2-Nitrophenol	180	ug/Kg	1.0	U	U	Yes	
2,4-Dimethylphenol	180	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethoxy)methane	180	ug/Kg	1.0	U	U	Yes	
2,4-Dichlorophenol	180	ug/Kg	1.0	U	U	Yes	
Naphthalene	150	ug/Kg	1.0	J	J	Yes	
4-Chloroaniline	180	ug/Kg	1.0	U	U	Yes	
Hexachlorobutadiene	180	ug/Kg	1.0	U	U	Yes	
Caprolactam	180	ug/Kg	1.0	U	U	Yes	
4-Chloro-3-methylphenol	180	ug/Kg	1.0	U	U	Yes	
2-Methylnaphthalene	170	ug/Kg	1.0	J	J	Yes	
Hexachlorocyclopentadiene	180	ug/Kg	1.0	U	U	Yes	
2,4,6-Trichlorophenol	180	ug/Kg	1.0	U	U	Yes	
2,4,5-Trichlorophenol	180	ug/Kg	1.0	U	U	Yes	
1,1'-Biphenyl	180	ug/Kg	1.0	U	U	Yes	
2-Chloronaphthalene	180	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2-Nitroaniline	350	ug/Kg	1.0	U	U	Yes	
Dimethylphthalate	180	ug/Kg	1.0	U	U	Yes	
2,6-Dinitrotoluene	180	ug/Kg	1.0	U	U	Yes	
Acenaphthylene	180	ug/Kg	1.0	U	U	Yes	
3-Nitroaniline	350	ug/Kg	1.0	U	U	Yes	
Acenaphthene	380	ug/Kg	1.0			Yes	
2,4-Dinitrophenol	350	ug/Kg	1.0	U	UJ	Yes	
4-Nitrophenol	350	ug/Kg	1.0	U	U	Yes	
Dibenzofuran	220	ug/Kg	1.0		J	Yes	
2,4-Dinitrotoluene	180	ug/Kg	1.0	U	U	Yes	
Diethylphthalate	180	ug/Kg	1.0	U	U	Yes	
Fluorene	320	ug/Kg	1.0		J	Yes	
4-Chlorophenyl-phenylether	180	ug/Kg	1.0	U	UJ	Yes	
4-Nitroaniline	350	ug/Kg	1.0	U	U	Yes	
4,6-Dinitro-2-methylphenol	350	ug/Kg	1.0	U	U	Yes	
N-Nitrosodiphenylamine	180	ug/Kg	1.0	U	U	Yes	
1,2,4,5-Tetrachlorobenzene	180	ug/Kg	1.0	U	U	Yes	
4-Bromophenyl-phenylether	180	ug/Kg	1.0	U	UJ	Yes	
Hexachlorobenzene	180	ug/Kg	1.0	U	U	Yes	
Atrazine	180	ug/Kg	1.0	U	U	Yes	
Pentachlorophenol	350	ug/Kg	1.0	U	U	Yes	
Phenanthrene	4200	ug/Kg	1.0	E	J	Yes	
Anthracene	800	ug/Kg	1.0			Yes	
Carbazole	330	ug/Kg	1.0		J	Yes	
Di-n-butylphthalate	180	ug/Kg	1.0	U	U	Yes	
Fluoranthene	5900	ug/Kg	1.0	E	J	Yes	
Pyrene	3100	ug/Kg	1.0	E	J	Yes	
Butylbenzylphthalate	180	ug/Kg	1.0	U	U	Yes	
3,3'-Dichlorobenzidine	180	ug/Kg	1.0	U	U	Yes	
Benzo(a)anthracene	1500	ug/Kg	1.0		J	Yes	
Chrysene	1700	ug/Kg	1.0		J	Yes	
Bis(2-ethylhexyl)	94	ug/Kg	1.0	J	J	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
phthalate	94	ug/Kg	1.0	J	J	Yes	
Di-n-octylphthalate	180	ug/Kg	1.0	U	U	Yes	
Benzo(b)fluoranthene	180	ug/Kg	1.0	U	UJ	Yes	
Benzo(k)fluoranthene	1300	ug/Kg	1.0		J	Yes	
Benzo(a)pyrene	1300	ug/Kg	1.0		J	Yes	
Indeno(1,2,3-cd)pyrene	180	ug/Kg	1.0	U	UJ	Yes	
Dibenzo(a,h)anthracene	300	ug/Kg	1.0		J	Yes	
Benzo(g,h,i)perylene	640	ug/Kg	1.0		J	Yes	
2,3,4,6-Tetrachlorophenol	180	ug/Kg	1.0	U	U	Yes	
Phenanthrene, 1-methyl-_20			1.0	NJ		Yes	
Anthracene, 2-methyl-_21			1.0	NJ		Yes	
Naphthalene, 1,2-dimethyl-_8			1.0	NJ		Yes	
Dibenzothiophene_18			1.0	NJ		Yes	
Naphthalene, 1,4-dimethyl-_7			1.0	NJ		Yes	
9,10-Anthracenedione_27			1.0	NJ		Yes	
Dibenzofuran, 4-methyl-_15			1.0	NJ		Yes	
Pyrene, 1-methyl-_28			1.0	NJ		Yes	
Phenanthrene, 2-methyl-_24			1.0	NJ		Yes	
Benzoic acid_5			1.0	NJ		Yes	
Naphthalene, 1,7-dimethyl-_9			1.0	NJ		Yes	
2-Phenylnaphthalene_26			1.0	NJ		Yes	
1-Methylnaphthalene_6			1.0	NJ		Yes	
Naphthalene, 1,6,7-trimethy_11			1.0	NJ		Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NY8DL	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:		pH:	7.8	Sample Date:	10112011	Sample Time:	15:20:00
% Moisture :	6.4			% Solids :	93.6		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	70	ug/Kg	2.0	U	U	Yes	
Aroclor-1221	70	ug/Kg	2.0	U	U	Yes	
Aroclor-1232	70	ug/Kg	2.0	U	U	Yes	
Aroclor-1242	70	ug/Kg	2.0	U	U	Yes	
Aroclor-1248	70	ug/Kg	2.0	U	U	Yes	
Aroclor-1254	490	ug/Kg	2.0	D		Yes	
Aroclor-1260	540	ug/Kg	2.0	D		Yes	
Aroclor-1262	70	ug/Kg	2.0	U	U	Yes	
Aroclor-1268	70	ug/Kg	2.0	U	U	Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	E3NY8DL	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-18	pH:	7.8	Sample Date:	10112011	Sample Time:	15:20:00
% Moisture :	6.4			% Solids :	93.6		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	910	ug/Kg	5.0	U	U	Yes	
Phenol	910	ug/Kg	5.0	U	U	Yes	
Bis(2-chloroethyl)ether	910	ug/Kg	5.0	U	U	Yes	
2-Chlorophenol	910	ug/Kg	5.0	U	U	Yes	
2-Methylphenol	910	ug/Kg	5.0	U	U	Yes	
2,2'-Oxybis(1-chloropropane)	910	ug/Kg	5.0	U	U	Yes	
Acetophenone	910	ug/Kg	5.0	U	U	Yes	
4-Methylphenol	910	ug/Kg	5.0	U	U	Yes	
N-Nitroso-di-n-propylamine	910	ug/Kg	5.0	U	U	Yes	
Hexachloroethane	910	ug/Kg	5.0	U	U	Yes	
Nitrobenzene	910	ug/Kg	5.0	U	U	Yes	
Isophorone	910	ug/Kg	5.0	U	U	Yes	
2-Nitrophenol	910	ug/Kg	5.0	U	U	Yes	
2,4-Dimethylphenol	910	ug/Kg	5.0	U	U	Yes	
Bis(2-chloroethoxy)methane	910	ug/Kg	5.0	U	U	Yes	
2,4-Dichlorophenol	910	ug/Kg	5.0	U	U	Yes	
Naphthalene	910	ug/Kg	5.0	U	U	Yes	
4-Chloroaniline	910	ug/Kg	5.0	U	U	Yes	
Hexachlorobutadiene	910	ug/Kg	5.0	U	U	Yes	
Caprolactam	910	ug/Kg	5.0	U	U	Yes	
4-Chloro-3-methylphenol	910	ug/Kg	5.0	U	U	Yes	
2-Methylnaphthalene	910	ug/Kg	5.0	U	U	Yes	
Hexachlorocyclopentadiene	910	ug/Kg	5.0	U	U	Yes	
2,4,6-Trichlorophenol	910	ug/Kg	5.0	U	U	Yes	
2,4,5-Trichlorophenol	910	ug/Kg	5.0	U	U	Yes	
1,1'-Biphenyl	910	ug/Kg	5.0	U	U	Yes	
2-Chloronaphthalene	910	ug/Kg	5.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2-Nitroaniline	1800	ug/Kg	5.0	U	U	Yes	
Dimethylphthalate	910	ug/Kg	5.0	U	U	Yes	
2,6-Dinitrotoluene	910	ug/Kg	5.0	U	U	Yes	
Acenaphthylene	910	ug/Kg	5.0	U	U	Yes	
3-Nitroaniline	1800	ug/Kg	5.0	U	U	Yes	
Acenaphthene	480	ug/Kg	5.0	DJ	J	Yes	
2,4-Dinitrophenol	1800	ug/Kg	5.0	U	U	Yes	
4-Nitrophenol	1800	ug/Kg	5.0	U	U	Yes	
Dibenzofuran	910	ug/Kg	5.0	U	U	Yes	
2,4-Dinitrotoluene	910	ug/Kg	5.0	U	U	Yes	
Diethylphthalate	910	ug/Kg	5.0	U	U	Yes	
Fluorene	450	ug/Kg	5.0	DJ	J	Yes	
4-Chlorophenyl-phenylether	910	ug/Kg	5.0	U	U	Yes	
4-Nitroaniline	1800	ug/Kg	5.0	U	U	Yes	
4,6-Dinitro-2-methylphenol	1800	ug/Kg	5.0	U	U	Yes	
N-Nitrosodiphenylamine	910	ug/Kg	5.0	U	U	Yes	
1,2,4,5-Tetrachlorobenzene	910	ug/Kg	5.0	U	U	Yes	
4-Bromophenyl-phenylether	910	ug/Kg	5.0	U	U	Yes	
Hexachlorobenzene	910	ug/Kg	5.0	U	U	Yes	
Atrazine	910	ug/Kg	5.0	U	U	Yes	
Pentachlorophenol	1800	ug/Kg	5.0	U	U	Yes	
Phenanthrene	4400	ug/Kg	5.0	D		Yes	
Anthracene	950	ug/Kg	5.0	D		Yes	
Carbazole	910	ug/Kg	5.0	U	U	Yes	
Di-n-butylphthalate	910	ug/Kg	5.0	U	U	Yes	
Fluoranthene	5200	ug/Kg	5.0	D	J	Yes	
Pyrene	4000	ug/Kg	5.0	D		Yes	
Butylbenzylphthalate	910	ug/Kg	5.0	U	U	Yes	
3,3'-Dichlorobenzidine	910	ug/Kg	5.0	U	U	Yes	
Benzo(a)anthracene	1900	ug/Kg	5.0	D		Yes	
Chrysene	2000	ug/Kg	5.0	D		Yes	
Bis(2-ethylhexyl)	910	ug/Kg	5.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
phthalate	910	ug/Kg	5.0	U	U	Yes	
Di-n-octylphthalate	910	ug/Kg	5.0	U	U	Yes	
Benzo(b)fluoranthene	1600	ug/Kg	5.0	D		Yes	
Benzo(k)fluoranthene	1500	ug/Kg	5.0	D		Yes	
Benzo(a)pyrene	1600	ug/Kg	5.0	D		Yes	
Indeno(1,2,3-cd)pyrene	970	ug/Kg	5.0	D		Yes	
Dibenzo(a,h)anthracene	460	ug/Kg	5.0	DJ	J	Yes	
Benzo(g,h,i)perylene	1100	ug/Kg	5.0	D		Yes	
2,3,4,6-Tetrachlorophenol	910	ug/Kg	5.0	U	U	Yes	
11H-Benzo[b]fluoren			5.0	NJD		Yes	
4H-Cyclopenta[def]p			5.0	NJD		Yes	
Dibenzothiophene_1			5.0	NJD		Yes	
11H-Benzo[b]fluoren			5.0	NJD		Yes	
Anthracene, 9-methyl-_2			5.0	NJD		Yes	
11H-Benzo[b]fluoren			5.0	NJD		Yes	
11H-Benzo[b]fluoren			5.0	NJD		Yes	
Anthracene, 2-methyl-_3			5.0	NJD		Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NW9	Lab Code:	PEL
Sample Number:	SBLK4F	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:		pH:	1.8	Sample Date:		Sample Time:	
% Moisture :	0			% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	170	ug/Kg	1.0	U	U	Yes	
Phenol	170	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethyl)ether	170	ug/Kg	1.0	U	U	Yes	
2-Chlorophenol	170	ug/Kg	1.0	U	U	Yes	
2-Methylphenol	170	ug/Kg	1.0	U	U	Yes	
2,2'-Oxybis(1-chloropropane)	170	ug/Kg	1.0	U	U	Yes	
Acetophenone	170	ug/Kg	1.0	U	U	Yes	
4-Methylphenol	170	ug/Kg	1.0	U	U	Yes	
N-Nitroso-di-n-propylamine	170	ug/Kg	1.0	U	U	Yes	
Hexachloroethane	170	ug/Kg	1.0	U	U	Yes	
Nitrobenzene	170	ug/Kg	1.0	U	U	Yes	
Isophorone	170	ug/Kg	1.0	U	U	Yes	
2-Nitrophenol	170	ug/Kg	1.0	U	U	Yes	
2,4-Dimethylphenol	170	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethoxy)methane	170	ug/Kg	1.0	U	U	Yes	
2,4-Dichlorophenol	170	ug/Kg	1.0	U	U	Yes	
Naphthalene	170	ug/Kg	1.0	U	U	Yes	
4-Chloroaniline	170	ug/Kg	1.0	U	U	Yes	
Hexachlorobutadiene	170	ug/Kg	1.0	U	U	Yes	
Caprolactam	170	ug/Kg	1.0	U	U	Yes	
4-Chloro-3-methylphenol	170	ug/Kg	1.0	U	U	Yes	
2-Methylnaphthalene	170	ug/Kg	1.0	U	U	Yes	
Hexachlorocyclopentadiene	170	ug/Kg	1.0	U	U	Yes	
2,4,6-Trichlorophenol	170	ug/Kg	1.0	U	U	Yes	
2,4,5-Trichlorophenol	170	ug/Kg	1.0	U	U	Yes	
1,1'-Biphenyl	170	ug/Kg	1.0	U	U	Yes	
2-Chloronaphthalene	170	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2-Nitroaniline	330	ug/Kg	1.0	U	U	Yes	
Dimethylphthalate	170	ug/Kg	1.0	U	U	Yes	
2,6-Dinitrotoluene	170	ug/Kg	1.0	U	U	Yes	
Acenaphthylene	170	ug/Kg	1.0	U	U	Yes	
3-Nitroaniline	330	ug/Kg	1.0	U	U	Yes	
Acenaphthene	170	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrophenol	330	ug/Kg	1.0	U	U	Yes	
4-Nitrophenol	330	ug/Kg	1.0	U	U	Yes	
Dibenzofuran	170	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrotoluene	170	ug/Kg	1.0	U	U	Yes	
Diethylphthalate	170	ug/Kg	1.0	U	U	Yes	
Fluorene	170	ug/Kg	1.0	U	U	Yes	
4-Chlorophenyl-phenylether	170	ug/Kg	1.0	U	U	Yes	
4-Nitroaniline	330	ug/Kg	1.0	U	U	Yes	
4,6-Dinitro-2-methylphenol	330	ug/Kg	1.0	U	U	Yes	
N-Nitrosodiphenylamine	170	ug/Kg	1.0	U	U	Yes	
1,2,4,5-Tetrachlorobenzene	170	ug/Kg	1.0	U	U	Yes	
4-Bromophenyl-phenylether	170	ug/Kg	1.0	U	U	Yes	
Hexachlorobenzene	170	ug/Kg	1.0	U	U	Yes	
Atrazine	170	ug/Kg	1.0	U	U	Yes	
Pentachlorophenol	330	ug/Kg	1.0	U	U	Yes	
Phenanthrene	170	ug/Kg	1.0	U	U	Yes	
Anthracene	170	ug/Kg	1.0	U	U	Yes	
Carbazole	170	ug/Kg	1.0	U	U	Yes	
Di-n-butylphthalate	170	ug/Kg	1.0	U	U	Yes	
Fluoranthene	170	ug/Kg	1.0	U	U	Yes	
Pyrene	170	ug/Kg	1.0	U	U	Yes	
Butylbenzylphthalate	170	ug/Kg	1.0	U	U	Yes	
3,3'-Dichlorobenzidine	170	ug/Kg	1.0	U	U	Yes	
Benzo(a)anthracene	170	ug/Kg	1.0	U	U	Yes	
Chrysene	170	ug/Kg	1.0	U	U	Yes	
Bis(2-ethylhexyl)	170	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
phthalate	170	ug/Kg	1.0	U	U	Yes	
Di-n-octylphthalate	170	ug/Kg	1.0	U	U	Yes	
Benzo(b)fluoranthene	170	ug/Kg	1.0	U	U	Yes	
Benzo(k)fluoranthene	170	ug/Kg	1.0	U	U	Yes	
Benzo(a)pyrene	170	ug/Kg	1.0	U	U	Yes	
Indeno(1,2,3-cd)pyrene	170	ug/Kg	1.0	U	U	Yes	
Dibenzo(a,h)anthracene	170	ug/Kg	1.0	U	U	Yes	
Benzo(g,h,i)perylene	170	ug/Kg	1.0	U	U	Yes	
2,3,4,6-Tetrachlorophenol	170	ug/Kg	1.0	U	U	Yes	

Case No: 41861	Contract: EPW11034	SDG No: E3NW9	Lab Code: PEL
Sample Number: SBLK4G	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH: 1.8	Sample Date:	Sample Time:
% Moisture : 0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	170	ug/Kg	1.0	U	U	Yes	
Phenol	170	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethyl)ether	170	ug/Kg	1.0	U	U	Yes	
2-Chlorophenol	170	ug/Kg	1.0	U	U	Yes	
2-Methylphenol	170	ug/Kg	1.0	U	U	Yes	
2,2'-Oxybis(1-chloropropane)	170	ug/Kg	1.0	U	U	Yes	
Acetophenone	170	ug/Kg	1.0	U	U	Yes	
4-Methylphenol	170	ug/Kg	1.0	U	U	Yes	
N-Nitroso-di-n-propylamine	170	ug/Kg	1.0	U	U	Yes	
Hexachloroethane	170	ug/Kg	1.0	U	U	Yes	
Nitrobenzene	170	ug/Kg	1.0	U	U	Yes	
Isophorone	170	ug/Kg	1.0	U	U	Yes	
2-Nitrophenol	170	ug/Kg	1.0	U	U	Yes	
2,4-Dimethylphenol	170	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethoxy)methane	170	ug/Kg	1.0	U	U	Yes	
2,4-Dichlorophenol	170	ug/Kg	1.0	U	U	Yes	
Naphthalene	170	ug/Kg	1.0	U	U	Yes	
4-Chloroaniline	170	ug/Kg	1.0	U	U	Yes	
Hexachlorobutadiene	170	ug/Kg	1.0	U	U	Yes	
Caprolactam	170	ug/Kg	1.0	U	U	Yes	
4-Chloro-3-methylphenol	170	ug/Kg	1.0	U	U	Yes	
2-Methylnaphthalene	170	ug/Kg	1.0	U	U	Yes	
Hexachlorocyclopentadiene	170	ug/Kg	1.0	U	U	Yes	
2,4,6-Trichlorophenol	170	ug/Kg	1.0	U	U	Yes	
2,4,5-Trichlorophenol	170	ug/Kg	1.0	U	U	Yes	
1,1'-Biphenyl	170	ug/Kg	1.0	U	U	Yes	
2-Chloronaphthalene	170	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2-Nitroaniline	330	ug/Kg	1.0	U	U	Yes	
Dimethylphthalate	170	ug/Kg	1.0	U	U	Yes	
2,6-Dinitrotoluene	170	ug/Kg	1.0	U	U	Yes	
Acenaphthylene	170	ug/Kg	1.0	U	U	Yes	
3-Nitroaniline	330	ug/Kg	1.0	U	U	Yes	
Acenaphthene	170	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrophenol	330	ug/Kg	1.0	U	U	Yes	
4-Nitrophenol	330	ug/Kg	1.0	U	U	Yes	
Dibenzofuran	170	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrotoluene	170	ug/Kg	1.0	U	U	Yes	
Diethylphthalate	170	ug/Kg	1.0	U	U	Yes	
Fluorene	170	ug/Kg	1.0	U	U	Yes	
4-Chlorophenyl-phenylether	170	ug/Kg	1.0	U	U	Yes	
4-Nitroaniline	330	ug/Kg	1.0	U	U	Yes	
4,6-Dinitro-2-methylphenol	330	ug/Kg	1.0	U	U	Yes	
N-Nitrosodiphenylamine	170	ug/Kg	1.0	U	U	Yes	
1,2,4,5-Tetrachlorobenzene	170	ug/Kg	1.0	U	U	Yes	
4-Bromophenyl-phenylether	170	ug/Kg	1.0	U	U	Yes	
Hexachlorobenzene	170	ug/Kg	1.0	U	U	Yes	
Atrazine	170	ug/Kg	1.0	U	U	Yes	
Pentachlorophenol	330	ug/Kg	1.0	U	U	Yes	
Phenanthrene	170	ug/Kg	1.0	U	U	Yes	
Anthracene	170	ug/Kg	1.0	U	U	Yes	
Carbazole	170	ug/Kg	1.0	U	U	Yes	
Di-n-butylphthalate	170	ug/Kg	1.0	U	U	Yes	
Fluoranthene	170	ug/Kg	1.0	U	U	Yes	
Pyrene	170	ug/Kg	1.0	U	U	Yes	
Butylbenzylphthalate	170	ug/Kg	1.0	U	U	Yes	
3,3'-Dichlorobenzidine	170	ug/Kg	1.0	U	U	Yes	
Benzo(a)anthracene	170	ug/Kg	1.0	U	U	Yes	
Chrysene	170	ug/Kg	1.0	U	U	Yes	
Bis(2-ethylhexyl)	170	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
phthalate	170	ug/Kg	1.0	U	U	Yes	
Di-n-octylphthalate	170	ug/Kg	1.0	U	U	Yes	
Benzo(b)fluoranthene	170	ug/Kg	1.0	U	U	Yes	
Benzo(k)fluoranthene	170	ug/Kg	1.0	U	U	Yes	
Benzo(a)pyrene	170	ug/Kg	1.0	U	U	Yes	
Indeno(1,2,3-cd)pyrene	170	ug/Kg	1.0	U	U	Yes	
Dibenzo(a,h)anthracene	170	ug/Kg	1.0	U	U	Yes	
Benzo(g,h,i)perylene	170	ug/Kg	1.0	U	U	Yes	
2,3,4,6-Tetrachlorophenol	170	ug/Kg	1.0	U	U	Yes	
n-Hexadecanoic acid_2			1.0	NJ		Yes	

Case No: 41861	Contract: EPW11034	SDG No: E3NW9	Lab Code: PEL
Sample Number: SBLK4I	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH: 1.8	Sample Date:	Sample Time:
% Moisture : 0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	170	ug/Kg	1.0	U	U	Yes	
Phenol	170	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethyl)ether	170	ug/Kg	1.0	U	U	Yes	
2-Chlorophenol	170	ug/Kg	1.0	U	U	Yes	
2-Methylphenol	170	ug/Kg	1.0	U	U	Yes	
2,2'-Oxybis(1-chloropropane)	170	ug/Kg	1.0	U	U	Yes	
Acetophenone	170	ug/Kg	1.0	U	U	Yes	
4-Methylphenol	170	ug/Kg	1.0	U	U	Yes	
N-Nitroso-di-n-propylamine	170	ug/Kg	1.0	U	U	Yes	
Hexachloroethane	170	ug/Kg	1.0	U	U	Yes	
Nitrobenzene	170	ug/Kg	1.0	U	U	Yes	
Isophorone	170	ug/Kg	1.0	U	U	Yes	
2-Nitrophenol	170	ug/Kg	1.0	U	U	Yes	
2,4-Dimethylphenol	170	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethoxy)methane	170	ug/Kg	1.0	U	U	Yes	
2,4-Dichlorophenol	170	ug/Kg	1.0	U	U	Yes	
Naphthalene	170	ug/Kg	1.0	U	U	Yes	
4-Chloroaniline	170	ug/Kg	1.0	U	U	Yes	
Hexachlorobutadiene	170	ug/Kg	1.0	U	U	Yes	
Caprolactam	170	ug/Kg	1.0	U	U	Yes	
4-Chloro-3-methylphenol	170	ug/Kg	1.0	U	U	Yes	
2-Methylnaphthalene	170	ug/Kg	1.0	U	U	Yes	
Hexachlorocyclopentadiene	170	ug/Kg	1.0	U	U	Yes	
2,4,6-Trichlorophenol	170	ug/Kg	1.0	U	U	Yes	
2,4,5-Trichlorophenol	170	ug/Kg	1.0	U	U	Yes	
1,1'-Biphenyl	170	ug/Kg	1.0	U	U	Yes	
2-Chloronaphthalene	170	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2-Nitroaniline	330	ug/Kg	1.0	U	U	Yes	
Dimethylphthalate	170	ug/Kg	1.0	U	U	Yes	
2,6-Dinitrotoluene	170	ug/Kg	1.0	U	U	Yes	
Acenaphthylene	170	ug/Kg	1.0	U	U	Yes	
3-Nitroaniline	330	ug/Kg	1.0	U	U	Yes	
Acenaphthene	170	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrophenol	330	ug/Kg	1.0	U	U	Yes	
4-Nitrophenol	330	ug/Kg	1.0	U	U	Yes	
Dibenzofuran	170	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrotoluene	170	ug/Kg	1.0	U	U	Yes	
Diethylphthalate	170	ug/Kg	1.0	U	U	Yes	
Fluorene	170	ug/Kg	1.0	U	U	Yes	
4-Chlorophenyl-phenylether	170	ug/Kg	1.0	U	U	Yes	
4-Nitroaniline	330	ug/Kg	1.0	U	U	Yes	
4,6-Dinitro-2-methylphenol	330	ug/Kg	1.0	U	U	Yes	
N-Nitrosodiphenylamine	170	ug/Kg	1.0	U	U	Yes	
1,2,4,5-Tetrachlorobenzene	170	ug/Kg	1.0	U	U	Yes	
4-Bromophenyl-phenylether	170	ug/Kg	1.0	U	U	Yes	
Hexachlorobenzene	170	ug/Kg	1.0	U	U	Yes	
Atrazine	170	ug/Kg	1.0	U	U	Yes	
Pentachlorophenol	330	ug/Kg	1.0	U	U	Yes	
Phenanthrene	170	ug/Kg	1.0	U	U	Yes	
Anthracene	170	ug/Kg	1.0	U	U	Yes	
Carbazole	170	ug/Kg	1.0	U	U	Yes	
Di-n-butylphthalate	170	ug/Kg	1.0	U	U	Yes	
Fluoranthene	170	ug/Kg	1.0	U	UJ	Yes	
Pyrene	170	ug/Kg	1.0	U	U	Yes	
Butylbenzylphthalate	170	ug/Kg	1.0	U	U	Yes	
3,3'-Dichlorobenzidine	170	ug/Kg	1.0	U	U	Yes	
Benzo(a)anthracene	170	ug/Kg	1.0	U	U	Yes	
Chrysene	170	ug/Kg	1.0	U	U	Yes	
Bis(2-ethylhexyl)	170	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
phthalate	170	ug/Kg	1.0	U	U	Yes	
Di-n-octylphthalate	170	ug/Kg	1.0	U	U	Yes	
Benzo(b)fluoranthene	170	ug/Kg	1.0	U	U	Yes	
Benzo(k)fluoranthene	170	ug/Kg	1.0	U	U	Yes	
Benzo(a)pyrene	170	ug/Kg	1.0	U	U	Yes	
Indeno(1,2,3-cd)pyrene	170	ug/Kg	1.0	U	U	Yes	
Dibenzo(a,h)anthracene	170	ug/Kg	1.0	U	U	Yes	
Benzo(g,h,i)perylene	170	ug/Kg	1.0	U	U	Yes	
2,3,4,6-Tetrachlorophenol	170	ug/Kg	1.0	U	U	Yes	
Squalene_3			1.0	NJ		Yes	
Benzoic acid_1			1.0	NJ		Yes	

Case No: 41861	Contract: EPW11034	SDG No: E3NW9	Lab Code: PEL
Sample Number: SBLK4J	Method: BNA	Matrix: Soil	MA Number: DEFAULT
Sample Location:	pH: 1.8	Sample Date:	Sample Time:
% Moisture : 0		% Solids :	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	170	ug/Kg	1.0	U	U	Yes	
Phenol	170	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethyl)ether	170	ug/Kg	1.0	U	U	Yes	
2-Chlorophenol	170	ug/Kg	1.0	U	U	Yes	
2-Methylphenol	170	ug/Kg	1.0	U	U	Yes	
2,2'-Oxybis(1-chloropropane)	170	ug/Kg	1.0	U	U	Yes	
Acetophenone	170	ug/Kg	1.0	U	U	Yes	
4-Methylphenol	170	ug/Kg	1.0	U	U	Yes	
N-Nitroso-di-n-propylamine	170	ug/Kg	1.0	U	U	Yes	
Hexachloroethane	170	ug/Kg	1.0	U	U	Yes	
Nitrobenzene	170	ug/Kg	1.0	U	U	Yes	
Isophorone	170	ug/Kg	1.0	U	U	Yes	
2-Nitrophenol	170	ug/Kg	1.0	U	U	Yes	
2,4-Dimethylphenol	170	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethoxy)methane	170	ug/Kg	1.0	U	U	Yes	
2,4-Dichlorophenol	170	ug/Kg	1.0	U	U	Yes	
Naphthalene	170	ug/Kg	1.0	U	U	Yes	
4-Chloroaniline	170	ug/Kg	1.0	U	U	Yes	
Hexachlorobutadiene	170	ug/Kg	1.0	U	U	Yes	
Caprolactam	170	ug/Kg	1.0	U	U	Yes	
4-Chloro-3-methylphenol	170	ug/Kg	1.0	U	U	Yes	
2-Methylnaphthalene	170	ug/Kg	1.0	U	U	Yes	
Hexachlorocyclopentadiene	170	ug/Kg	1.0	U	U	Yes	
2,4,6-Trichlorophenol	170	ug/Kg	1.0	U	U	Yes	
2,4,5-Trichlorophenol	170	ug/Kg	1.0	U	U	Yes	
1,1'-Biphenyl	170	ug/Kg	1.0	U	U	Yes	
2-Chloronaphthalene	170	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2-Nitroaniline	330	ug/Kg	1.0	U	U	Yes	
Dimethylphthalate	170	ug/Kg	1.0	U	U	Yes	
2,6-Dinitrotoluene	170	ug/Kg	1.0	U	U	Yes	
Acenaphthylene	170	ug/Kg	1.0	U	U	Yes	
3-Nitroaniline	330	ug/Kg	1.0	U	U	Yes	
Acenaphthene	170	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrophenol	330	ug/Kg	1.0	U	U	Yes	
4-Nitrophenol	330	ug/Kg	1.0	U	U	Yes	
Dibenzofuran	170	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrotoluene	170	ug/Kg	1.0	U	U	Yes	
Diethylphthalate	170	ug/Kg	1.0	U	U	Yes	
Fluorene	170	ug/Kg	1.0	U	U	Yes	
4-Chlorophenyl-phenylether	170	ug/Kg	1.0	U	U	Yes	
4-Nitroaniline	330	ug/Kg	1.0	U	U	Yes	
4,6-Dinitro-2-methylphenol	330	ug/Kg	1.0	U	U	Yes	
N-Nitrosodiphenylamine	170	ug/Kg	1.0	U	U	Yes	
1,2,4,5-Tetrachlorobenzene	170	ug/Kg	1.0	U	U	Yes	
4-Bromophenyl-phenylether	170	ug/Kg	1.0	U	U	Yes	
Hexachlorobenzene	170	ug/Kg	1.0	U	U	Yes	
Atrazine	170	ug/Kg	1.0	U	U	Yes	
Pentachlorophenol	330	ug/Kg	1.0	U	U	Yes	
Phenanthrene	170	ug/Kg	1.0	U	U	Yes	
Anthracene	170	ug/Kg	1.0	U	U	Yes	
Carbazole	170	ug/Kg	1.0	U	U	Yes	
Di-n-butylphthalate	170	ug/Kg	1.0	U	U	Yes	
Fluoranthene	170	ug/Kg	1.0	U	UJ	Yes	
Pyrene	170	ug/Kg	1.0	U	U	Yes	
Butylbenzylphthalate	170	ug/Kg	1.0	U	U	Yes	
3,3'-Dichlorobenzidine	170	ug/Kg	1.0	U	U	Yes	
Benzo(a)anthracene	170	ug/Kg	1.0	U	U	Yes	
Chrysene	170	ug/Kg	1.0	U	U	Yes	
Bis(2-ethylhexyl)	170	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
phthalate	170	ug/Kg	1.0	U	U	Yes	
Di-n-octylphthalate	170	ug/Kg	1.0	U	U	Yes	
Benzo(b)fluoranthene	170	ug/Kg	1.0	U	UJ	Yes	
Benzo(k)fluoranthene	170	ug/Kg	1.0	U	UJ	Yes	
Benzo(a)pyrene	170	ug/Kg	1.0	U	UJ	Yes	
Indeno(1,2,3-cd)pyrene	170	ug/Kg	1.0	U	UJ	Yes	
Dibenzo(a,h)anthracene	170	ug/Kg	1.0	U	UJ	Yes	
Benzo(g,h,i)perylene	170	ug/Kg	1.0	U	UJ	Yes	
2,3,4,6-Tetrachlorophenol	170	ug/Kg	1.0	U	U	Yes	
2,6,10,14,18,22-Tetracosahe_2			1.0	NJ		Yes	

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Lab PEL(PEL Laboratories, Inc.) **SDG** E3NW9 **Case** 41861 **Contract** EPW11034 **Region** 5 **DDTID** 136412 **SOW** SOM01.2

Tentatively Identified Compounds

BNA Sample=E3NW9 Location=SS-01 Matrix=Soil Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
65-85-0	Benzoic acid_1	6.774900	980	ug/Kg	NJ
143-07-7	Dodecanoic acid_2	9.037367	230	ug/Kg	NJ
	Unknown_3	9.112250	190	ug/Kg	J
	Unknown_4	10.92543	270	ug/Kg	J
	Unknown_6	11.21962	160	ug/Kg	J
84-65-1	9,10-Anthracenedione_7	11.47100	240	ug/Kg	NJ
5737-13-3	Cyclopenta(def)phenanthrenone_8	11.85610	160	ug/Kg	NJ
	Unknown_9	12.11818	330	ug/Kg	J
2381-21-7	Pyrene, 1-methyl-_10	12.49258	190	ug/Kg	NJ
2381-21-7	Pyrene, 1-methyl-_11	12.74932	240	ug/Kg	NJ
479-79-8	11H-Benzo[a]fluoren-11-one_12	13.24675	290	ug/Kg	NJ
	Unknown_13	13.38047	310	ug/Kg	J
	Unknown_14	13.41790	150	ug/Kg	J
479-79-8	11H-Benzo[a]fluoren-11-one_15	13.49813	290	ug/Kg	NJ
82-05-3	7H-Benz[de]anthracen-7-one_16	13.86183	190	ug/Kg	NJ
	Unknown_17	14.16137	220	ug/Kg	J
	Unknown_18	14.21485	190	ug/Kg	J
	Unknown_19	15.02250	620	ug/Kg	J
215-58-7	Benzo[b]triphenylene_21	16.80893	190	ug/Kg	NJ
	Unknown_22	17.23148	410	ug/Kg	J
	Unknown_23	18.92165	490	ug/Kg	J

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Lab PEL(PEL Laboratories, Inc.) **SDG** E3NW9 **Case** 41861 **Contract** EPW11034 **Region** 5 **DDTID** 136412 **SOW** SOM01.2

Tentatively Identified Compounds

BNA Sample=E3NX0 Location=SS-02 Matrix=Soil Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
65-85-0	Benzoic acid_1	6.849800	460	ug/Kg	NJ
57-10-3	n-Hexadecanoic acid_3	11.27312	500	ug/Kg	NJ
57-11-4	Octadecanoic acid_4	12.21983	190	ug/Kg	NJ
	Unknown_5	12.53005	87	ug/Kg	J

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Lab PEL(PEL Laboratories, Inc.) **SDG** E3NW9 **Case** 41861 **Contract** EPW11034 **Region** 5 **DDTID** 136412 **SOW** SOM01.2

Tentatively Identified Compounds

BNA Sample=E3NX1 Location=SS-02D Matrix=Soil Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
65-85-0	Benzoic acid_1	6.839000	320	ug/Kg	NJ
57-11-4	Octadecanoic acid_4	12.22508	510	ug/Kg	NJ
7683-64-9	Squalene_5	14.92080	82	ug/Kg	NJ

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Lab PEL(PEL Laboratories, Inc.) **SDG** E3NW9 **Case** 41861 **Contract** EPW11034 **Region** 5 **DDTID** 136412 **SOW** SOM01.2

Tentatively Identified Compounds

BNA Sample=E3NX2 Location=SS-03 Matrix=Soil Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
471-15-8	Bicyclo[3.1.0]hexan-3-one,_1	6.528767	290	ug/Kg	NJ
65-85-0	Benzoic acid_2	6.790850	820	ug/Kg	NJ
57-10-3	n-Hexadecanoic acid_3	11.17138	150	ug/Kg	NJ
	Unknown_4	13.53548	280	ug/Kg	J
	Unknown_5	13.55688	290	ug/Kg	J
3386-33-2	1-Chloro-octacecane_6	14.31103	400	ug/Kg	NJ
	Unknown_7	14.36987	260	ug/Kg	J
	Unknown_8	14.66940	150	ug/Kg	J
	Unknown_9	14.82450	630	ug/Kg	J
	Unknown_10	15.02240	230	ug/Kg	J
638-66-4	Octadecanal_11	15.56797	570	ug/Kg	NJ
6410-10-2	2-Naphthalenol, 1-[(4-nitro_12	15.81935	260	ug/Kg	NJ
	Unknown_13	16.18307	110	ug/Kg	J
	Unknown_14	16.45585	120	ug/Kg	J
	Unknown_15	17.22605	820	ug/Kg	J
	Unknown_16	17.57905	120	ug/Kg	J
	Unknown_17	18.03903	190	ug/Kg	J
	Unknown_18	18.12462	280	ug/Kg	J
	Unknown_19	18.89482	120	ug/Kg	J

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Lab PEL(PEL Laboratories, Inc.) **SDG** E3NW9 **Case** 41861 **Contract** EPW11034 **Region** 5 **DDTID** 136412 **SOW** SOM01.2

Tentatively Identified Compounds

BNA Sample=E3NX3 Location=SS-04 Matrix=Soil Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
65-85-0	Benzoic acid_1	6.839083	550	ug/Kg	NJ
	Branched Alkane_3	11.85610	540	ug/Kg	J
57-11-4	Octadecanoic acid_4	12.19842	190	ug/Kg	NJ
	Unknown_5	12.77072	100	ug/Kg	J
1000282-98-2	Dichloroacetic acid, heptadecyl ester_6	13.61045	460	ug/Kg	NJ
	Straight Chain Alkane_7	14.39135	290	ug/Kg	J
	Unknown_8	14.90483	250	ug/Kg	J
	Unknown_9	15.10273	290	ug/Kg	J
	Straight Chain Alkane_10	15.87293	250	ug/Kg	J
	Unknown_11	18.21028	360	ug/Kg	J
1058-61-3	Stigmast-4-en-3-one_12	18.29587	400	ug/Kg	NJ
	Unknown_13	20.47810	230	ug/Kg	J

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Lab PEL(PEL Laboratories, Inc.) **SDG** E3NW9 **Case** 41861 **Contract** EPW11034 **Region** 5 **DDTID** 136412 **SOW** SOM01.2

Tentatively Identified Compounds

BNA Sample=E3NX4 Location=SS-05 Matrix=Soil Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
65-85-0	Benzoic acid_1	6.790883	750	ug/Kg	NJ
	Unknown_2	14.82455	120	ug/Kg	J
	Unknown_3	17.21538	230	ug/Kg	J
	Unknown_4	18.39743	150	ug/Kg	J
	Unknown_5	18.68092	170	ug/Kg	J
	Unknown_6	18.88417	170	ug/Kg	J

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Lab PEL(PEL Laboratories, Inc.) **SDG** E3NW9 **Case** 41861 **Contract** EPW11034 **Region** 5 **DDTID** 136412 **SOW** SOM01.2

Tentatively Identified Compounds

BNA Sample=E3NX5 Location=SS-06 Matrix=Soil Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
65-85-0	Benzoic acid_1	6.849817	730	ug/Kg	NJ
	Unknown_4	12.53007	100	ug/Kg	J
2381-21-7	Pyrene, 1-methyl-_5	12.72262	110	ug/Kg	NJ
	Unknown_6	13.18795	130	ug/Kg	J
479-79-8	11H-Benzo[a]fluoren-11-one_7	13.34842	87	ug/Kg	NJ
	Unknown_8	14.84603	99	ug/Kg	J
	Unknown_9	14.92092	180	ug/Kg	J
	Unknown_10	15.11882	300	ug/Kg	J
7206-25-9	9-Octadecene, (E)-_11	15.14020	270	ug/Kg	NJ
192-97-2	Benzo(e)pyrene_12	15.31137	250	ug/Kg	NJ
	Straight Chain Alkane_13	15.88902	180	ug/Kg	J
	Unknown_14	16.31690	90	ug/Kg	J
	Unknown_15	16.88387	180	ug/Kg	J
	Unknown_16	17.05502	240	ug/Kg	J
83-46-5	.beta.-Sitosterol_17	17.39733	680	ug/Kg	NJ
	Unknown_18	17.75568	350	ug/Kg	J
300574-36-1	5-Bromo-4-oxo-4,5,6,7-tetrahydrobenzofur_19	17.88405	520	ug/Kg	NJ
58801-23-3	Hop-22(29)-en-3.beta.-ol_20	18.03917	450	ug/Kg	NJ
	Unknown_21	18.24777	240	ug/Kg	J
58-22-0	Testosterone_22	18.33870	370	ug/Kg	NJ
	Unknown_23	18.63287	130	ug/Kg	J
	Unknown_24	18.71845	180	ug/Kg	J
	Unknown_25	18.82007	190	ug/Kg	J

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Lab PEL(PEL Laboratories, Inc.) **SDG** E3NW9 **Case** 41861 **Contract** EPW11034 **Region** 5 **DDTID** 136412 **SOW** SOM01.2

Tentatively Identified Compounds

BNA Sample=E3NX6 Location=SS-07 Matrix=Soil Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
65-85-0	Benzoic acid_1	6.855000	640	ug/Kg	NJ
7683-64-9	Squalene_4	14.92075	150	ug/Kg	NJ
	Unknown_5	15.31120	75	ug/Kg	J

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Lab PEL(PEL Laboratories, Inc.) **SDG** E3NW9 **Case** 41861 **Contract** EPW11034 **Region** 5 **DDTID** 136412 **SOW** SOM01.2

Tentatively Identified Compounds

BNA Sample=E3NX7 Location=SS-08 Matrix=Soil Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
65-85-0	Benzoic acid_1	6.801433	860	ug/Kg	NJ
	Unknown_2	9.866217	88	ug/Kg	J
57-10-3	n-Hexadecanoic acid_3	11.17663	160	ug/Kg	NJ
	Unknown_4	12.12333	86	ug/Kg	J
2381-21-7	Pyrene, 1-methyl-_5	12.62075	120	ug/Kg	NJ
	Straight Chain Alkane_6	13.14492	100	ug/Kg	J
	Unknown_7	13.54607	180	ug/Kg	J
	Unknown_8	13.94187	94	ug/Kg	J
330207-53-9	E-14-Hexadecenal_9	14.31628	330	ug/Kg	NJ
	Unknown_10	14.66928	140	ug/Kg	J
62951-96-6	1,5,9-Undecatriene, 2,6,10-_11	14.82975	200	ug/Kg	NJ
	Unknown_12	15.02230	480	ug/Kg	J
	Straight Chain Alkane_14	15.77645	160	ug/Kg	J
	Unknown_15	15.82458	190	ug/Kg	J
	Unknown_16	15.99040	120	ug/Kg	J
	Unknown_17	17.23128	660	ug/Kg	J
	Unknown_18	17.63243	170	ug/Kg	J
	Unknown_19	17.68592	260	ug/Kg	J
	Unknown_20	17.85172	150	ug/Kg	J
	Unknown_21	18.03893	140	ug/Kg	J
58-22-0	Testosterone_22	18.13520	680	ug/Kg	NJ
	Unknown_23	19.05517	130	ug/Kg	J
	Unknown_24	19.57398	600	ug/Kg	J
	Unknown_25	20.56883	120	ug/Kg	J

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Lab PEL(PEL Laboratories, Inc.) **SDG** E3NW9 **Case** 41861 **Contract** EPW11034 **Region** 5 **DDTID** 136412 **SOW** SOM01.2

Tentatively Identified Compounds

BNA Sample=E3NX8 Location=SS-09 Matrix=Soil Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
65-85-0	Benzoic acid_1	6.758650	220	ug/Kg	NJ
486-25-9	9H-Fluoren-9-one_2	10.25665	93	ug/Kg	NJ
832-69-9	Phenanthrene, 1-methyl-_3	11.08035	89	ug/Kg	NJ
2531-84-2	Phenanthrene, 2-methyl-_4	11.11243	130	ug/Kg	NJ
203-64-5	4H-Cyclopenta[def]phenanthrene_5	11.21940	130	ug/Kg	NJ
832-69-9	Phenanthrene, 1-methyl-_6	11.24615	78	ug/Kg	NJ
35465-71-5	2-Phenylnaphthalene_7	11.44405	100	ug/Kg	NJ
84-65-1	9,10-Anthracenedione_8	11.47080	220	ug/Kg	NJ
5737-13-3	Cyclopenta(def)phenanthrenone_9	11.85590	120	ug/Kg	NJ
	Unknown_10	12.11798	130	ug/Kg	J
243-17-4	11H-Benzo[b]fluorene_11	12.49238	160	ug/Kg	NJ
2381-21-7	Pyrene, 1-methyl-_12	12.61540	200	ug/Kg	NJ
3442-78-2	Pyrene, 2-methyl-_13	12.74377	160	ug/Kg	NJ
479-79-8	11H-Benzo[a]fluoren-11-one_14	13.24653	150	ug/Kg	NJ
	Unknown_15	13.37490	150	ug/Kg	J
	Unknown_16	13.41235	190	ug/Kg	J
479-79-8	11H-Benzo[a]fluoren-11-one_17	13.49258	140	ug/Kg	NJ
	Unknown_18	13.54607	81	ug/Kg	J
	Unknown_19	14.16115	99	ug/Kg	J
	Unknown_20	14.21465	98	ug/Kg	J
	Unknown_21	14.31092	120	ug/Kg	J
	Unknown_22	14.73347	93	ug/Kg	J
192-97-2	Benzo(e)pyrene_23	15.01693	400	ug/Kg	NJ
	Straight Chain Alkane_25	15.77110	150	ug/Kg	J
	Unknown_26	16.53060	110	ug/Kg	J
	Unknown_27	16.86222	140	ug/Kg	J
	Unknown_28	17.69660	98	ug/Kg	J

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Lab PEL(PEL Laboratories, Inc.) **SDG** E3NW9 **Case** 41861 **Contract** EPW11034 **Region** 5 **DDTID** 136412 **SOW** SOM01.2

Tentatively Identified Compounds

BNA Sample=E3NX8 Location=SS-09 Matrix=Soil Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown_29	18.03357	110	ug/Kg	J
	Unknown_30	18.91075	170	ug/Kg	J

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Lab PEL(PEL Laboratories, Inc.) **SDG** E3NW9 **Case** 41861 **Contract** EPW11034 **Region** 5 **DDTID** 136412 **SOW** SOM01.2

Tentatively Identified Compounds

BNA Sample=E3NX9 Location=SS-10 Matrix=Soil Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
65-85-0	Benzoic acid_1	6.860450	830	ug/Kg	NJ
90-12-0	1-Methylnaphthalene_3	7.855300	78	ug/Kg	NJ
	Unknown_4	9.957317	110	ug/Kg	J
2381-21-7	Pyrene, 1-methyl-_6	12.71722	94	ug/Kg	NJ
	Unknown_7	13.18788	99	ug/Kg	J
	Unknown_8	13.64252	150	ug/Kg	J
	Straight Chain Alkane_9	14.40738	240	ug/Kg	J
	Unknown_10	14.76573	110	ug/Kg	J
	Unknown_11	14.92085	300	ug/Kg	J
	Unknown_12	15.11875	260	ug/Kg	J
70301-47-2	Chloroacetic acid, pentadecyl ester_13	15.14015	520	ug/Kg	NJ
198-55-0	Perylene_14	15.31130	80	ug/Kg	NJ
638-66-4	Octadecanal_15	15.68035	89	ug/Kg	NJ
	Unknown_16	15.89430	170	ug/Kg	J
	Unknown_17	18.24770	180	ug/Kg	J
	Unknown_18	18.33328	140	ug/Kg	J
	Unknown_19	18.73443	190	ug/Kg	J

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Lab PEL(PEL Laboratories, Inc.) **SDG** E3NW9 **Case** 41861 **Contract** EPW11034 **Region** 5 **DDTID** 136412 **SOW** SOM01.2

Tentatively Identified Compounds

BNA Sample=E3NY0 Location=SS-11 Matrix=Soil Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
65-85-0	Benzoic acid_1	6.780233	580	ug/Kg	NJ
486-25-9	9H-Fluoren-9-one_2	10.25685	130	ug/Kg	NJ
132-65-0	Dibenzothiophene_3	10.35313	130	ug/Kg	NJ
	Unknown_4	10.86660	150	ug/Kg	J
2531-84-2	Phenanthrene, 2-methyl-_5	11.08055	170	ug/Kg	NJ
2531-84-2	Phenanthrene, 2-methyl-_6	11.11263	200	ug/Kg	NJ
613-12-7	Anthracene, 2-methyl-_7	11.16612	190	ug/Kg	NJ
203-64-5	4H-Cyclopenta[def]phenanthrene_8	11.21962	320	ug/Kg	NJ
2531-84-2	Phenanthrene, 2-methyl-_9	11.24635	150	ug/Kg	NJ
	Unknown_10	11.44425	120	ug/Kg	J
84-65-1	9,10-Anthracenedione_11	11.47100	290	ug/Kg	NJ
81-84-5	1,8-Naphthalic anhydride_12	11.80797	110	ug/Kg	NJ
5737-13-3	Cyclopenta(def)phenanthrenone_13	11.86145	130	ug/Kg	NJ
	Unknown_14	12.11818	140	ug/Kg	J
2381-21-7	Pyrene, 1-methyl-_15	12.49793	160	ug/Kg	NJ
2381-21-7	Pyrene, 1-methyl-_16	12.62095	280	ug/Kg	NJ
	Unknown_17	12.74397	170	ug/Kg	J
479-79-8	11H-Benzo[a]fluoren-11-one_18	13.25208	250	ug/Kg	NJ
	Unknown_19	13.38047	150	ug/Kg	J
479-79-8	11H-Benzo[a]fluoren-11-one_20	13.49813	130	ug/Kg	NJ
	Unknown_21	13.81370	100	ug/Kg	J
2541-69-7	Benz[a]anthracene, 7-methyl-_22	14.16672	140	ug/Kg	NJ
	Unknown_23	14.31647	110	ug/Kg	J
1090-13-7	5,12-Naphthacenedione_24	14.54112	140	ug/Kg	NJ
	Unknown_25	14.74437	160	ug/Kg	J
192-97-2	Benzo(e)pyrene_26	15.21503	1200	ug/Kg	NJ
	Unknown_28	15.77665	190	ug/Kg	J

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Lab PEL(PEL Laboratories, Inc.) **SDG** E3NW9 **Case** 41861 **Contract** EPW11034 **Region** 5 **DDTID** 136412 **SOW** SOM01.2

Tentatively Identified Compounds

BNA Sample=E3NY0 Location=SS-11 Matrix=Soil Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
213-46-7	1,2:7,8-Dibenzophenanthrene_29	16.88382	170	ug/Kg	NJ
189-55-9	3,4:9,10-Dibenzopyrene_30	18.94838	450	ug/Kg	NJ

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Lab PEL(PEL Laboratories, Inc.) **SDG** E3NW9 **Case** 41861 **Contract** EPW11034 **Region** 5 **DDTID** 136412 **SOW** SOM01.2

Tentatively Identified Compounds

BNA Sample=E3NY1 Location=SS-12 Matrix=Soil Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Straight Chain Alkane_2	9.277900	130	ug/Kg	J
	Unknown_3	9.550683	120	ug/Kg	J
7320-53-8	Dibenzofuran, 4-methyl-_4	9.673700	110	ug/Kg	NJ
	Branched Alkane_5	9.828800	260	ug/Kg	J
	Branched Alkane_6	9.866250	230	ug/Kg	J
486-25-9	9H-Fluoren-9-one_7	10.26205	92	ug/Kg	NJ
	Branched Alkane_8	10.36367	280	ug/Kg	J
	Branched Alkane_9	10.42250	160	ug/Kg	J
	Straight Chain Alkane_10	10.87713	250	ug/Kg	J
2531-84-2	Phenanthrene, 2-methyl-_11	11.08573	150	ug/Kg	NJ
832-69-9	Phenanthrene, 1-methyl-_12	11.12318	200	ug/Kg	NJ
	Unknown_13	11.17667	150	ug/Kg	J
4292-19-7	Dodecane, 1-iodo-_14	11.36922	150	ug/Kg	NJ
	Unknown_15	11.44945	120	ug/Kg	J
84-65-1	9,10-Anthracenedione_16	11.47618	240	ug/Kg	NJ
35099-60-6	1H-Indene, 2-methyl-3-pheny_17	11.77572	88	ug/Kg	NJ
	Unknown_18	11.84525	160	ug/Kg	J
	Unknown_19	12.12872	97	ug/Kg	J
2381-21-7	Pyrene, 1-methyl-_20	12.63150	260	ug/Kg	NJ
82-05-3	7H-Benz[de]anthracen-7-one_21	13.25728	100	ug/Kg	NJ
239-35-0	Benzo[b]naphtho[2,1-d]thiop_22	13.38030	150	ug/Kg	NJ
479-79-8	11H-Benzo[a]fluoren-11-one_23	13.50332	110	ug/Kg	NJ
1705-84-6	Triphenylene, 2-methyl-_24	14.17190	120	ug/Kg	NJ
	Unknown_25	14.22003	96	ug/Kg	J
	Unknown_27	15.21488	710	ug/Kg	J
213-46-7	1,2:7,8-Dibenzophenanthrene_28	16.81948	170	ug/Kg	NJ
	Unknown_29	18.93218	250	ug/Kg	J

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Lab PEL(PEL Laboratories, Inc.) **SDG** E3NW9 **Case** 41861 **Contract** EPW11034 **Region** 5 **DDTID** 136412 **SOW** SOM01.2

Tentatively Identified Compounds

BNA Sample=E3NY1 Location=SS-12 Matrix=Soil Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown_30	19.08730	170	ug/Kg	J

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Lab PEL(PEL Laboratories, Inc.) **SDG** E3NW9 **Case** 41861 **Contract** EPW11034 **Region** 5 **DDTID** 136412 **SOW** SOM01.2

Tentatively Identified Compounds

BNA Sample=E3NY2 Location=SS-12D Matrix=Soil Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Straight Chain Alkane_2	8.122700	100	ug/Kg	J
575-41-7	Naphthalene, 1,3-dimethyl-_3	8.406183	160	ug/Kg	NJ
	Straight Chain Alkane_4	8.700350	110	ug/Kg	J
	Straight Chain Alkane_5	9.272667	190	ug/Kg	J
	Branched Alkane_6	9.545450	180	ug/Kg	J
	Unknown_7	9.668467	110	ug/Kg	J
	Unknown_8	9.684500	170	ug/Kg	J
	Branched Alkane_9	9.823567	300	ug/Kg	J
	Branched Alkane_10	9.861017	290	ug/Kg	J
	Unknown_11	10.35843	360	ug/Kg	J
	Branched Alkane_12	10.41727	210	ug/Kg	J
	Straight Chain Alkane_13	10.87190	300	ug/Kg	J
610-48-0	Anthracene, 1-methyl-_14	11.08585	180	ug/Kg	NJ
613-12-7	Anthracene, 2-methyl-_15	11.11795	220	ug/Kg	NJ
	Unknown_16	11.17143	180	ug/Kg	J
203-64-5	4H-Cyclopenta[def]phenanthrene_17	11.22492	340	ug/Kg	NJ
	Straight Chain Alkane_18	11.36933	210	ug/Kg	J
	Unknown_19	11.44422	130	ug/Kg	J
84-65-1	9,10-Anthracenedione_20	11.47095	220	ug/Kg	NJ
	Unknown_21	11.77048	95	ug/Kg	J
	Unknown_22	11.84000	190	ug/Kg	J
	Unknown_23	12.28930	100	ug/Kg	J
243-17-4	11H-Benzo[b]fluorene_24	12.62625	270	ug/Kg	NJ
	Unknown_25	13.25205	90	ug/Kg	J
243-46-9	Benzo[b]naphtho[2,3-d]thiophene_26	13.38042	95	ug/Kg	NJ
479-79-8	11H-Benzo[a]fluoren-11-one_27	13.49808	100	ug/Kg	NJ
1705-84-6	Triphenylene, 2-methyl-_28	14.16667	120	ug/Kg	NJ

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Lab PEL(PEL Laboratories, Inc.) **SDG** E3NW9 **Case** 41861 **Contract** EPW11034 **Region** 5 **DDTID** 136412 **SOW** SOM01.2

Tentatively Identified Compounds

BNA Sample=E3NY2 Location=SS-12D Matrix=Soil Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown_29	15.20965	640	ug/Kg	J
	Unknown_30	16.81423	140	ug/Kg	J

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Lab PEL(PEL Laboratories, Inc.) **SDG** E3NW9 **Case** 41861 **Contract** EPW11034 **Region** 5 **DDTID** 136412 **SOW** SOM01.2

Tentatively Identified Compounds

BNA Sample=E3NY2DL Location=SS-12D Matrix=Soil Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
65-85-0	Benzoic acid_1	6.753217	350	ug/Kg	NJD
	Unknown_2	15.20942	480	ug/Kg	JD

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Lab PEL(PEL Laboratories, Inc.) **SDG** E3NW9 **Case** 41861 **Contract** EPW11034 **Region** 5 **DDTID** 136412 **SOW** SOM01.2

Tentatively Identified Compounds

BNA Sample=E3NY3 Location=SS-13 Matrix=Soil Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
65-85-0	Benzoic acid_1	6.785633	540	ug/Kg	NJ
	Straight Chain Alkane_2	9.823650	76	ug/Kg	J
	Branched Alkane_3	9.861100	140	ug/Kg	J
	Straight Chain Alkane_4	10.35852	76	ug/Kg	J
	Straight Chain Alkane_5	10.87198	88	ug/Kg	J
	Unknown_6	11.83473	88	ug/Kg	J
	Unknown_7	12.61030	74	ug/Kg	J
	Unknown_8	13.54630	88	ug/Kg	J
	Unknown_9	15.20438	120	ug/Kg	J

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Lab PEL(PEL Laboratories, Inc.) **SDG** E3NW9 **Case** 41861 **Contract** EPW11034 **Region** 5 **DDTID** 136412 **SOW** SOM01.2

Tentatively Identified Compounds

BNA Sample=E3NY4 Location=SS-14 Matrix=Soil Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Straight Chain Alkane_1	5.913800	290	ug/Kg	J
1758-88-9	Benzene, 2-ethyl-1,4-dimeth_2	6.261450	220	ug/Kg	NJ
65-85-0	Benzoic acid_3	6.790967	510	ug/Kg	NJ
	Unknown_4	7.325833	260	ug/Kg	J
	Straight Chain Alkane_5	7.534433	150	ug/Kg	J
90-12-0	1-Methylnaphthalene_6	7.764417	610	ug/Kg	NJ
581-42-0	Naphthalene, 2,6-dimethyl-_7	8.309983	340	ug/Kg	NJ
581-42-0	Naphthalene, 2,6-dimethyl-_8	8.422300	450	ug/Kg	NJ
829-26-5	Naphthalene, 2,3,6-trimethy_9	9.246000	260	ug/Kg	NJ
	Straight Chain Alkane_10	9.272733	300	ug/Kg	J
2443-58-5	2-Hydroxyfluorene_11	9.582950	280	ug/Kg	NJ
7320-53-8	Dibenzofuran, 4-methyl-_12	9.663183	420	ug/Kg	NJ
	Straight Chain Alkane_13	9.823650	180	ug/Kg	J
	Branch Chain Alkane_14	9.861083	750	ug/Kg	J
490-65-3	Naphthalene, 1-methyl-7-(1-_15	10.20875	320	ug/Kg	NJ
	Straight Chain Alkane_16	10.35852	290	ug/Kg	J
	Straight Chain Alkane_17	10.87198	210	ug/Kg	J
613-12-7	Anthracene, 2-methyl-_18	11.11802	190	ug/Kg	NJ
	Straight Chain Alkane_20	11.36405	210	ug/Kg	J
	Unknown_21	11.84008	240	ug/Kg	J
	Unknown_22	12.12357	180	ug/Kg	J
	Straight Chain Alkane_23	12.28937	240	ug/Kg	J
483-65-8	Retene_24	12.60493	200	ug/Kg	NJ
	Straight Chain Alkane_25	13.14515	180	ug/Kg	J
	Straight Chain Alkane_26	13.54630	200	ug/Kg	J
7098-22-8	Tetratetracontane_27	14.31115	230	ug/Kg	NJ
	Unknown_28	15.01717	200	ug/Kg	J

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Lab PEL(PEL Laboratories, Inc.) **SDG** E3NW9 **Case** 41861 **Contract** EPW11034 **Region** 5 **DDTID** 136412 **SOW** SOM01.2

Tentatively Identified Compounds

BNA Sample=E3NY4 Location=SS-14 Matrix=Soil Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown_29	17.22617	230	ug/Kg	J
	Unknown_30	17.57382	930	ug/Kg	J

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Lab PEL(PEL Laboratories, Inc.) **SDG** E3NW9 **Case** 41861 **Contract** EPW11034 **Region** 5 **DDTID** 136412 **SOW** SOM01.2

Tentatively Identified Compounds

BNA Sample=E3NY5 Location=SS-15 Matrix=Soil Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown_1	6.774817	490	ug/Kg	J
112-05-0	Nonanoic acid_2	7.331083	110	ug/Kg	NJ
	Unknown_3	9.721917	1300	ug/Kg	J
	Unknown_4	9.844933	4300	ug/Kg	J
544-63-8	Tetradecanoic acid_5	10.14447	140	ug/Kg	NJ
2416-20-8	Hexadecenoic acid, Z-11-_6	11.09117	250	ug/Kg	NJ
57-10-3	n-Hexadecanoic acid_7	11.18745	810	ug/Kg	NJ
	Unknown_8	12.03788	210	ug/Kg	J
57-11-4	Octadecanoic acid_9	12.13415	550	ug/Kg	NJ
	Unknown_10	12.70647	120	ug/Kg	J
	Unknown_11	13.06482	210	ug/Kg	J
	Unknown_12	13.54620	580	ug/Kg	J
	Straight Chain Alkane_13	14.31105	680	ug/Kg	J
	Unknown_14	14.54105	180	ug/Kg	J
301-02-0	9-Octadecenamide, (Z)-_15	14.66407	310	ug/Kg	NJ
7683-64-9	Squalene_16	14.82452	1600	ug/Kg	NJ
	Unknown_17	15.02242	420	ug/Kg	J
	Unknown_18	15.39148	250	ug/Kg	J
67860-04-2	Oxirane, heptadecyl-_19	15.57333	220	ug/Kg	NJ
	Straight Chain Alkane_20	15.77658	320	ug/Kg	J
	Unknown_21	15.82472	200	ug/Kg	J
	Unknown_22	15.99587	200	ug/Kg	J
7494-34-0	26-Nor-5-cholesten-3.beta.-_23	16.18842	560	ug/Kg	NJ
	Unknown_24	16.23657	200	ug/Kg	J
	Unknown_25	16.38097	640	ug/Kg	J
	Unknown_26	17.23140	640	ug/Kg	J
	Unknown_27	17.32768	520	ug/Kg	J

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Lab PEL(PEL Laboratories, Inc.) **SDG** E3NW9 **Case** 41861 **Contract** EPW11034 **Region** 5 **DDTID** 136412 **SOW** SOM01.2

Tentatively Identified Compounds

BNA Sample=E3NY5 Location=SS-15 Matrix=Soil Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown_28	17.57907	190	ug/Kg	J
	Unknown_29	18.13533	300	ug/Kg	J
	Unknown_30	18.68088	380	ug/Kg	J

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Lab PEL(PEL Laboratories, Inc.) **SDG** E3NW9 **Case** 41861 **Contract** EPW11034 **Region** 5 **DDTID** 136412 **SOW** SOM01.2

Tentatively Identified Compounds

BNA Sample=E3NY6 Location=SS-16 Matrix=Soil Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown_1	5.715733	200	ug/Kg	J
	Unknown_2	5.918983	120	ug/Kg	J
	Branch Chain Alkane_4	7.379167	120	ug/Kg	J
	Straight Chain Alkane_5	7.534267	110	ug/Kg	J
90-12-0	1-Methylnaphthalene_6	7.764267	210	ug/Kg	NJ
581-42-0	Naphthalene, 2,6-dimethyl-_7	8.400750	170	ug/Kg	NJ
	Straight Chain Alkane_8	9.823483	170	ug/Kg	J
	Branch Chain Alkane_9	9.860933	410	ug/Kg	J
3031-15-0	Naphthalene, 1,2,3,4-tetram_10	10.20858	140	ug/Kg	NJ
	Branch Chain Alkane_11	10.35835	200	ug/Kg	J
	Straight Chain Alkane_12	10.87182	190	ug/Kg	J
832-69-9	Phenanthrene, 1-methyl-_13	11.11785	170	ug/Kg	NJ
	Straight Chain Alkane_15	11.36390	230	ug/Kg	J
	Unknown_16	11.44413	120	ug/Kg	J
	Unknown_17	11.83458	220	ug/Kg	J
	Unknown_18	12.04317	150	ug/Kg	J
57-11-4	Octadecanoic acid_19	12.12340	490	ug/Kg	NJ
	Straight Chain Alkane_20	12.28922	250	ug/Kg	J
7343-06-8	Phenanthrene, 3,4,5,6-tetra_21	12.61013	220	ug/Kg	NJ
	Straight Chain Alkane_22	12.72780	230	ug/Kg	J
	Straight Chain Alkane_23	13.14500	270	ug/Kg	J
	Straight Chain Alkane_24	13.54613	390	ug/Kg	J
	Straight Chain Alkane_25	13.93658	270	ug/Kg	J
	Straight Chain Alkane_26	14.31100	330	ug/Kg	J
	Straight Chain Alkane_28	15.38607	370	ug/Kg	J
	Unknown_29	15.99582	210	ug/Kg	J

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Lab PEL(PEL Laboratories, Inc.) **SDG** E3NW9 **Case** 41861 **Contract** EPW11034 **Region** 5 **DDTID** 136412 **SOW** SOM01.2

Tentatively Identified Compounds

BNA Sample=E3NY7 Location=SS-17 Matrix=Soil Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown_1	7.614483	92	ug/Kg	J
7320-53-8	Dibenzofuran, 4-methyl-_2	9.663017	88	ug/Kg	NJ
	Unknown_3	9.855567	120	ug/Kg	J
	Unknown_4	10.20322	140	ug/Kg	J
	Straight Chain Alkane_5	10.35833	100	ug/Kg	J
	Straight Chain Alkane_6	10.87180	100	ug/Kg	J
	Unknown_7	11.08575	93	ug/Kg	J
2531-84-2	Phenanthrene, 2-methyl-_8	11.11783	120	ug/Kg	NJ
	Unknown_10	11.22482	86	ug/Kg	J
949-41-7	1H-Cyclopropa[l]phenanthren_11	11.25155	90	ug/Kg	NJ
	Straight Chain Alkane_12	11.36388	84	ug/Kg	J
52251-71-5	Anthracene, 2-ethyl-_13	11.77572	99	ug/Kg	NJ
	Unknown_14	11.83990	120	ug/Kg	J
	Unknown_15	12.12338	100	ug/Kg	J
	Unknown_16	12.28918	120	ug/Kg	J
	Unknown_17	12.58872	110	ug/Kg	J
	Unknown_18	12.61545	100	ug/Kg	J
	Straight Chain Alkane_19	12.72778	130	ug/Kg	J
	Straight Chain Alkane_20	13.14497	110	ug/Kg	J
	Unknown_21	13.27333	140	ug/Kg	J
	Unknown_22	13.54612	150	ug/Kg	J
	Straight Chain Alkane_23	13.93122	150	ug/Kg	J
	Straight Chain Alkane_24	14.31098	190	ug/Kg	J
	Unknown_25	15.01700	150	ug/Kg	J
	Unknown_26	15.20420	100	ug/Kg	J

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Lab PEL(PEL Laboratories, Inc.) **SDG** E3NW9 **Case** 41861 **Contract** EPW11034 **Region** 5 **DDTID** 136412 **SOW** SOM01.2

Tentatively Identified Compounds

BNA Sample=E3NY8 Location=SS-18 Matrix=Soil Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown_1	3.282150	470	ug/Kg	J
	Unknown_2	4.153967	140	ug/Kg	J
	Branched Alkane_3	4.309083	290	ug/Kg	J
	Unknown_4	4.394667	930	ug/Kg	J
65-85-0	Benzoic acid_5	6.769467	210	ug/Kg	NJ
90-12-0	1-Methylnaphthalene_6	7.764300	150	ug/Kg	NJ
571-58-4	Naphthalene, 1,4-dimethyl-_7	8.309867	130	ug/Kg	NJ
573-98-8	Naphthalene, 1,2-dimethyl-_8	8.400800	220	ug/Kg	NJ
575-37-1	Naphthalene, 1,7-dimethyl-_9	8.422183	130	ug/Kg	NJ
	Straight Chain Alkane_10	8.705667	170	ug/Kg	J
2245-38-7	Naphthalene, 1,6,7-trimethy_11	9.047983	130	ug/Kg	NJ
	Straight Chain Alkane_12	9.272617	190	ug/Kg	J
	Unknown_13	9.545400	180	ug/Kg	J
7320-53-8	Dibenzofuran, 4-methyl-_15	9.663067	210	ug/Kg	NJ
	Straight Chain Alkane_16	9.828883	180	ug/Kg	J
	Branch Chain Alkane_17	9.860967	210	ug/Kg	J
132-65-0	Dibenzothiophene_18	10.35840	340	ug/Kg	NJ
	Unknown_19	10.87187	280	ug/Kg	J
832-69-9	Phenanthrene, 1-methyl-_20	11.08582	280	ug/Kg	NJ
613-12-7	Anthracene, 2-methyl-_21	11.12325	380	ug/Kg	NJ
	Unknown_22	11.17138	260	ug/Kg	J
	Unknown_23	11.23022	580	ug/Kg	J
2531-84-2	Phenanthrene, 2-methyl-_24	11.25162	310	ug/Kg	NJ
	Straight Chain Alkane_25	11.36928	140	ug/Kg	J
35465-71-5	2-Phenylnaphthalene_26	11.44952	230	ug/Kg	NJ
84-65-1	9,10-Anthracenedione_27	11.47627	290	ug/Kg	NJ
2381-21-7	Pyrene, 1-methyl-_28	12.63157	190	ug/Kg	NJ

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Lab PEL(PEL Laboratories, Inc.) **SDG** E3NW9 **Case** 41861 **Contract** EPW11034 **Region** 5 **DDTID** 136412 **SOW** SOM01.2

Tentatively Identified Compounds

BNA Sample=E3NY8 Location=SS-18 Matrix=Soil Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown_29	12.70645	120	ug/Kg	J

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Lab PEL(PEL Laboratories, Inc.) **SDG** E3NW9 **Case** 41861 **Contract** EPW11034 **Region** 5 **DDTID** 136412 **SOW** SOM01.2

Tentatively Identified Compounds

BNA Sample=E3NY8DL Location=SS-18 Matrix=Soil Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
132-65-0	Dibenzothiophene_1	10.35855	410	ug/Kg	NJD
779-02-2	Anthracene, 9-methyl-_2	11.09132	400	ug/Kg	NJD
613-12-7	Anthracene, 2-methyl-_3	11.12342	480	ug/Kg	NJD
203-64-5	4H-Cyclopenta[def]phenanthr_4	11.22503	700	ug/Kg	NJD
243-17-4	11H-Benzo[b]fluorene_5	12.49802	360	ug/Kg	NJD
243-17-4	11H-Benzo[b]fluorene_6	12.62638	690	ug/Kg	NJD
	Unknown_7	12.70662	410	ug/Kg	JD
	Unknown_8	12.75475	360	ug/Kg	JD
	Unknown_9	14.54653	530	ug/Kg	JD
	Unknown_10	15.02257	820	ug/Kg	JD

National Functional Guidelines Report #09

Lab PEL(PEL Laboratories, Inc.) **SDG** E3NW9 **Case** 41861 **Contract** EPW11034 **Region** 5 **DDTID** 136412 **SOW** SOM01.2

Tentatively Identified Compounds

BNA Sample=SBLK4F Location= Matrix=Soil Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown_1	7.700217	80	ug/Kg	J

National Functional Guidelines Report #09

Lab PEL(PEL Laboratories, Inc.) **SDG** E3NW9 **Case** 41861 **Contract** EPW11034 **Region** 5 **DDTID** 136412 **SOW** SOM01.2

Tentatively Identified Compounds

BNA Sample=SBLK4G Location= Matrix=Soil Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown_1	7.705483	130	ug/Kg	J
57-10-3	n-Hexadecanoic acid_2	11.27302	280	ug/Kg	NJ
	Unknown_3	12.21973	72	ug/Kg	J

National Functional Guidelines Report #09

Lab PEL(PEL Laboratories, Inc.) **SDG** E3NW9 **Case** 41861 **Contract** EPW11034 **Region** 5 **DDTID** 136412 **SOW** SOM01.2

Tentatively Identified Compounds

BNA Sample=SBLK4I Location= Matrix=Soil Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
65-85-0	Benzoic acid_1	6.758900	140	ug/Kg	NJ
	Unknown_2	7.620033	71	ug/Kg	J
7683-64-9	Squalene_3	14.82463	190	ug/Kg	NJ

National Functional Guidelines Report #09

Lab PEL(PEL Laboratories, Inc.) **SDG** E3NW9 **Case** 41861 **Contract** EPW11034 **Region** 5 **DDTID** 136412 **SOW** SOM01.2

Tentatively Identified Compounds

BNA Sample=SBLK4J Location= Matrix=Soil Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
	Unknown_1	7.614683	150	ug/Kg	J
111-02-4	2,6,10,14,18,22-Tetracosahe_2	14.82465	200	ug/Kg	NJ

Edit History Report

Case No: 41861 Contract: EPW11034 SDG No: E3NW9 Lab Code: PEL

Method: Aroclor

Sample	Matrix	Analyte Name	Data Field	Old Value	New Value	User	Edit Date Time	Global
E3NY1	Soil	Aroclor-1254	Validation Flag		J	Deborah Connet	12/8/11 4:23 PM	
E3NY1	Soil	Aroclor-1260	Validation Flag		J	Deborah Connet	12/8/11 4:23 PM	
E3NY2	Soil	Aroclor-1254	Validation Flag		J	Deborah Connet	12/8/11 4:24 PM	
E3NY2	Soil	Aroclor-1260	Validation Flag		J	Deborah Connet	12/8/11 4:24 PM	
E3NY3MS	Soil	Aroclor-1016	Validation Flag	J		Deborah Connet	12/8/11 4:24 PM	
E3NY3MS	Soil	Aroclor-1260	Validation Flag		J	Deborah Connet	12/8/11 4:24 PM	
E3NY3MSD	Soil	Aroclor-1016	Validation Flag	J		Deborah Connet	12/8/11 4:25 PM	
E3NY4	Soil	Aroclor-1254	Validation Flag		J	Deborah Connet	12/8/11 4:25 PM	
E3NY4	Soil	Aroclor-1260	Validation Flag		J	Deborah Connet	12/8/11 4:25 PM	
E3NY8	Soil	Aroclor-1254	Validation Flag		J	Deborah Connet	12/8/11 4:26 PM	
E3NY8	Soil	Aroclor-1260	Validation Flag		J	Deborah Connet	12/8/11 4:26 PM	

Method: BNA

Sample	Matrix	Analyte Name	Data Field	Old Value	New Value	User	Edit Date Time	Global
E3NW9	Soil	n-Hexadecanoic acid_5	Reportable	Y	N	Deborah Connet	12/8/11 4:12 PM	
E3NX1	Soil	n-Hexadecanoic acid_3	Reportable	Y	N	Deborah Connet	12/8/11 4:12 PM	
E3NX3	Soil	Octadecanoic acid_4	Reportable	N	Y	Christina Rice	12/13/11 12:53 PM	
E3NX3	Soil	Octadecanoic acid_4	Reportable	Y	N	Deborah Connet	12/8/11 4:13 PM	
E3NX3	Soil	n-Hexadecanoic acid_2	Reportable	Y	N	Christina Rice	12/13/11 12:53 PM	
E3NX5	Soil	n-Hexadecanoic acid_3	Reportable	Y	N	Deborah Connet	12/8/11 4:14 PM	
E3NX6	Soil	n-Hexadecanoic acid_3	Reportable	Y	N	Deborah Connet	12/8/11 4:16 PM	
E3NX9	Soil	n-Hexadecanoic acid_5	Reportable	Y	N	Deborah Connet	12/8/11 4:17 PM	
E3NY1	Soil	Benzoic acid_1	Reportable	Y	N	Deborah Connet	12/8/11 4:18 PM	
E3NY2	Soil	3,3'-Dichlorobenzidine	Validation Flag	R	UJ	Christina Rice	12/13/11 1:05 PM	
E3NY2	Soil	4,6-Dinitro-2-methylphenol	Validation Flag	R	UJ	Christina Rice	12/13/11 1:05 PM	
E3NY2	Soil	4-Bromophenyl-phenylether	Validation Flag	R	UJ	Christina Rice	12/13/11 1:05 PM	
E3NY2	Soil	Atrazine	Validation Flag	R	UJ	Christina Rice	12/13/11 1:05 PM	
E3NY2	Soil	Benzoic acid_1	Reportable	Y	N	Deborah Connet	12/8/11 4:19 PM	
E3NY2	Soil	Bis(2-ethylhexyl)phthal	Validation Flag	R	UJ	Christina Rice	12/13/11 1:05 PM	
E3NY2	Soil	Butylbenzylphthalate	Validation Flag	R	UJ	Christina Rice	12/13/11 1:05 PM	
E3NY2	Soil	Di-n-butylphthalate	Validation Flag	R	UJ	Christina Rice	12/13/11 1:05 PM	
E3NY2	Soil	Hexachlorobenzene	Validation Flag	R	UJ	Christina Rice	12/13/11 1:05 PM	

Sample	Matrix	Analyte Name	Data Field	Old Value	New Value	User	Edit Date Time	Global
E3NY2	Soil	N-Nitrosodiphenylamine	Validation Flag	R	UJ	Christina Rice	12/13/11 1:05 PM	
E3NY2	Soil	Pentachlorophenol	Validation Flag	R	UJ	Christina Rice	12/13/11 1:05 PM	
E3NY3	Soil	Acenaphthene	Validation Flag	U	UJ	Deborah Connet	12/8/11 4:08 PM	
E3NY3MS	Soil	Acenaphthene	Validation Flag	J		Deborah Connet	12/8/11 4:09 PM	
E3NY3MS	Soil	Pentachlorophenol	Validation Flag	J		Deborah Connet	12/8/11 4:09 PM	
E3NY3MSD	Soil	Acenaphthene	Validation Flag	J		Deborah Connet	12/8/11 4:10 PM	
E3NY3MSD	Soil	Pentachlorophenol	Validation Flag	J		Deborah Connet	12/8/11 4:10 PM	
E3NY4	Soil	n-Hexadecanoic acid_19	Reportable	Y	N	Deborah Connet	12/8/11 4:20 PM	
E3NY6	Soil	n-Hexadecanoic acid_14	Reportable	Y	N	Deborah Connet	12/8/11 4:21 PM	
E3NY7	Soil	n-Hexadecanoic acid_9	Reportable	Y	N	Deborah Connet	12/8/11 4:22 PM	
E3NY8	Soil	Phenanthrene	Validation Flag		J	Christina Rice	12/13/11 1:10 PM	

EPA

USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

3504258
N

Case No:	41861
DAS No:	
SDG No:	E3NW9

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Date Shipped:	10/13/11
Carrier Name:	UPS
Airbill:	1Z-549-OW4-22-1008-2387
Shipped to:	Spectrum Analytical, Inc. DBA: PEL Laboratories 8405 Benjamin Road Suite A Tampa FL 33634 (813) 888-9507

Chain of Custody Record

Sampler Signature: John Spielberg

Relinquished By	(Date / Time)	Received By	(Date / Time)
1 John Spielberg	10/13/11, 1600	MY	10-14-11 935
2. —		—	
3. —		—	
4. —		—	

For Lab Use Only

Lab Contract No:	EP-W-11-034
Unit Price:	$256.00
Transfer To:	—
Lab Contract No:	—
Unit Price:	—

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
E3NW9	Surface Soil (0"-12")/ John Spielberg	L/G	BN/PestPCB (21)	5-1001 (Ice Only) (1)	SS-01	10/10/11, 1415	ME3NW9	-01 Good
E3NX0	Surface Soil (0"-12")/ John Spielberg	L/G	BN/PestPCB (21)	5-1003 (Ice Only) (1)	SS-02	1232	ME3NX0	-02 Good
E3NX1	Surface Soil (0"-12")/ John Spielberg	L/G	BN/PestPCB (21)	5-1005 (Ice Only) (1)	SS-02D	1232	ME3NX1	-03 Good
E3NX2	Surface Soil (0"-12")/ John Spielberg	L/G	BN/PestPCB (21)	5-1007 (Ice Only) (1)	SS-03	1352	ME3NX2	-04 Good
E3NX3	Surface Soil (0"-12")/ John Spielberg	L/G	BN/PestPCB (21)	5-1009 (Ice Only) (1)	SS-04	10/11/11, 1155	ME3NX3	-05 Good
E3NX4	Surface Soil (0"-12")/ John Spielberg	L/G	BN/PestPCB (21)	5-1011 (Ice Only) (1)	SS-05	1140	ME3NX4	-06 Good
E3NX5	Surface Soil (0"-12")/ John Spielberg	L/G	BN/PestPCB (21)	5-1013 (Ice Only) (1)	SS-06	940	ME3NX5	-07 Good
E3NX6	Surface Soil (0"-12")/ John Spielberg	L/G	BN/PestPCB (21)	5-1015 (Ice Only) (1)	SS-07	10/10/11 1740	ME3NX6	-08 Good
E3NX7	Surface Soil (0"-12")/ John Spielberg	L/G	BN/PestPCB (21)	5-1017 (Ice Only) (1)	SS-08	1622	ME3NX7	-09 Good
E3NX8	Surface Soil (0"-12")/ John Spielberg	L/G	BN/PestPCB (21)	5-1019 (Ice Only) (1)	SS-09	1727	ME3NX8	-10 Good

Shipment for Case Complete?N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
	E3NY3	John Spielberg	2.4C	89253, 89254

Analysis Key: Concentration: L = Low, M = Low/Medium, H = High Type/Designate: Composite = C, Grab = G Custody Seal Intact? Y Shipment Iced? Y

BN/PestPCB = CLP Semivolatiles/Pesticide/PCB - soi

1274

TR Number: 5-264186997-100811-0007

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

SSC 4258 NJ

Case No: 41661
DAS No:
SDG No: E3NW9

L 01

Date Shipped: 10/13/11	**Chain of Custody Record**	Sampler Signature: John Spielberg	**For Lab Use Only**
Carrier Name: UPS	Relinquished By (Date / Time)	Received By (Date / Time)	Lab Contract No: EP-W-11-034
Airbill: 1Z-549-OW4-22-1008-2387	1. John Spielberg, 10/13/11, 1600	NJ 10-14-11 935	Unit Price: $256.00
Shipped to: Spectrum Analytical, Inc. DBA: PEL Laboratories 8405 Benjamin Road Suite A Tampa FL 33634 (813) 888-9507	2. —	—	Transfer To: —
	3. —	—	Lab Contract No: —
	4. —	—	Unit Price: —

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
E3NX9	Surface Soil (0"-12")/ John Spielberg	L/G	BN/PestPCB (21)	5-1021 (Ice Only) (1)	SS-10	10/12/11, 933	ME3NX9	-11 Good
E3NY0	Surface Soil (0"-12")/ John Spielberg	L/G	BN/PestPCB (21)	5-1023 (Ice Only) (1)	SS-11	1545	ME3NY0	-12 Good
E3NY1	Surface Soil (0"-12")/ John Spielberg	L/G	BN/PestPCB (21)	5-1025 (Ice Only) (1)	SS-12	1615	ME3NY1	-13 Good
E3NY2	Surface Soil (0"-12")/ John Spielberg	L/G	BN/PestPCB (21)	5-1027 (Ice Only) (1)	SS-12D	1615	ME3NY2	-14 Good
E3NY3	Surface Soil (0"-12")/ John Spielberg	L/G	BN/PestPCB (21)	5-1029 (Ice Only), 5-1030 (Ice Only) (2)	SS-13	1715	ME3NY3	-15 -16 -17 Good
E3NY4	Surface Soil (0"-12")/ John Spielberg	L/G	BN/PestPCB (21)	5-1033 (Ice Only) (1)	SS-14	1300	ME3NY4	-16 -18 Good
E3NY5	Surface Soil (0"-12")/ John Spielberg	L/G	BN/PestPCB (21)	5-1035 (Ice Only) (1)	SS-15	10/11/11 1852	ME3NY5	-17 -19 Good
E3NY6	Surface Soil (0"-12")/ John Spielberg	L/G	BN/PestPCB (21)	5-1037 (Ice Only) (1)	SS-16	1708	ME3NY6	-18 -20 Good
E3NY7	Surface Soil (0"-12")/ John Spielberg	L/G	BN/PestPCB (21)	5-1039 (Ice Only) (1)	SS-17	1652	ME3NY7	-19 -21 Good
E3NY8	Surface Soil (0"-12")/ John Spielberg	L/G	BN/PestPCB (21)	5-1041 (Ice Only) (1)	SS-18	1520	ME3NY8	-20 -22 Good

SDG Final Sample

NJ 10-14-11

Shipment for Case Complete?N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
	E3NY3	John Spielberg	2.4C	89253, 89254

Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? —	Shipment Iced? —

BN/PestPCB = CLP Semivolatiles/Pesticide/PCB - soi

TR Number: 5-264186997-100811-0007

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
SUPERFUND DIVISION

DATE:

SUBJECT: Review of Data
Received for Review on: November 4, 2011

FROM: Timothy Prendiville, Supervisor (SR-6J)
Superfund Contract Management Section

TO: Data User: MDEQ
Email address: walczakj@michigan.gov
Level 3 Data Validation

We have reviewed the data for the following case:

Site Name: C & H Lake Linden Operation (MI)

Case Number: 41861 SDG Number: E3NY9

Number and Type of Samples: 20 soil samples (SVOA, Aroclor)

Sample Numbers: E3NY9, E3NZ0 – E3NZ9, E3P00 – E3P08

Laboratory: Spectrum Analytical, Inc. Hrs for Review:

Following are our findings:

CC: Howard Pham
Region 5 TPO
Mail Code: SA-5J

Case Number: 41861 SDG Number: E3NY9
Site Name: C & H Lake Linden Operation (MI) Laboratory: Spectrum Analytical

Below is a summary of the out-of-control audits and the possible effects on the data for this case:

Twenty (20) soil samples labeled E3NY9, E3NZ0 – E3NZ9 and E3P00 – E3P08 were collected from 10/10/2011 thru 10/12/2011. The samples were received by Spectrum Analytical, Inc. located in Tampa, FL on 10/14/2011. All samples arrived intact and at the proper shipping temperature range of 2 - 6°C. All samples were analyzed for the semivolatile and aroclor target compounds. The samples were analyzed according to CLP SOW SOM01.2 (6/2007) and reviewed according to the NFG for SOM01.2 and the SOP for ESAT 5/TechLaw Validation of Contract Laboratory Program Organic Data (Version 2.6).

Sample E3P08 was designated by the samplers to be used for laboratory QC, i.e. MS / MSD analyses.

No samples were identified as field blanks. Samples E3NZ5 and E3P07 were identified as the field duplicate of samples E3NZ3 and E3P06, respectively.

1. HOLDING TIME

No problems were found.

2. GC/MS TUNING AND GC INSTRUMENT PERFORMANCE

No problems were found.

3. CALIBRATION

The following SVOA samples are associated with an opening CCV percent difference (%D) outside criteria. Detected compounds are qualified "J". Non-detected compounds are qualified "UJ".

E3NY9, E3NZ0, E3NZ1, E3NZ2, E3NZ3, E3NZ4, E3NZ5, E3NZ6, E3NZ7, E3NZ8, E3NZ9, E3P00, E3P01, E3P02, E3P03, E3P04, E3P05, E3P06, E3P08, E3P08DL, E3P08MS, E3P08MSD, SBLK4H
Fluoranthene

The following SVOA samples are associated with an opening CCV in which a surrogate/DMC exceeded percent difference (%D) criteria. Detected and non-detected compounds are not qualified.

E3P07
Phenol-d5

The following SVOA samples are associated with a closing CCV percent difference (%D) outside criteria. Detected compounds are qualified "J". Non-detected compounds are qualified "UJ".

E3NY9, E3NZ0, E3NZ1, E3NZ2, E3NZ3, E3NZ4, E3NZ5, E3NZ7, E3NZ8, E3NZ9, E3P00, E3P01, E3P02, E3P03, E3P04, E3P05, E3P06
Hexachlorocyclopentadiene, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol

The following semivolatile samples are associated with a closing CCV in which a surrogate/DMC exceeded percent difference (%D) criteria. Detected and non-detected compounds are not qualified.

E3NY9, E3NZ0, E3NZ1, E3NZ2, E3NZ3, E3NZ4, E3NZ5, E3NZ7, E3NZ8, E3NZ9, E3P00, E3P01, E3P02, E3P03, E3P04, E3P05, E3P06
4,6-Dinitro-2-methylphenol-d2

4. BLANKS

The following SVOA samples have TIC concentrations reported less than 5x the associated method blank concentration. Detected compounds are qualified "U" and deleted from the TIC report.

Unknown @ 7.59
E3NY9, E3NZ2, E3NZ4, E3NZ9, E3P02, E3P04

5. DEUTERATED MONITORING COMPOUND AND SURROGATE RECOVERY

The following semivolatile samples have deuterated monitoring compound recovery below the lower limit of the criteria window. Detected compounds are qualified "J". Non-detected compounds are qualified "UJ".

E3NY9
Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenzo(a,h)anthracene, Benzo(g,h,i)perylene

E3NZ1
4-Chloroaniline, Hexachlorocyclopentadiene, 3,3'-Dichlorobenzidine

E3NZ6
Caprolactam, 1,1'-Biphenyl, Dimethylphthalate, Dibenzofuran, Diethylphthalate, Fluorene, 4-Chlorophenyl-phenylether, 4-Bromophenyl-phenylether, Carbazole, Di-n-butylphthalate, Fluoranthene, Pyrene, Butylbenzyphthalate, Benzo(a)anthracene, Chrysene, bis(2-ethylhexyl)phthalate, Di-n-octylphthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenzo(a,h)anthracene, Benzo(g,h,i)perylene

E3P07
Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene

The following aroclor samples have surrogate percent recoveries that is outside criteria on only 1 GC column. Detected and non-detected compounds are not qualified as the lower of the 2 possible values (i.e. the reported value) is within the acceptance range.

E3NY9
Aroclor-1016, Aroclor-1221, Aroclor-1232, Aroclor-1242, Aroclor-1248, Aroclor-1254, Aroclor-1260, Aroclor-1262, Aroclor-1268

6A. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Sample E3P08 was designated by the samplers to be used for laboratory QC, i.e. MS / MSD analyses.

The following semivolatile matrix spike/matrix spike duplicate samples have percent recoveries that are less than the expanded lower acceptance limit. Detected Pyrene in the unspiked samples (E3P08 and E3P08DL) is qualified "J".

E3P08MS, E3P08MSD
Pyrene

The following semivolatile matrix spike/matrix spike duplicate samples have percent recoveries that are less than the lower acceptance limit. Detected Acenaphthene in the unspiked sample E3P08 is qualified "J" and non-detected Acenaphthene in the unspiked sample E3P08DL is qualified "UJ".

E3P08MSD
Acenaphthene

The relative percent difference (RPD) between the following aroclor matrix spike and matrix spike duplicate recoveries is outside criteria. Detected Aroclor-1260 in the unspiked sample E3P08 is qualified "J". Non-detected Aroclor-1016 in the unspiked sample E3P08 is qualified "UJ".

E3P08MS, E3P08MSD
Aroclor-1016, Aroclor-1260

The following Aroclor matrix/matrix spike duplicate samples have percent recoveries that are greater than the upper acceptance limit. Detected Aroclor-1260 and non-detected Aroclor-1016 in the unspiked sample E3P08 are qualified as above.

E3P08MS
Aroclor-1260

E3P08MSD
Aroclor-1016, Aroclor-1260

6B. LABORATORY CONTROL SAMPLE

No problems were found.

7. FIELD BLANK AND FIELD DUPLICATE

No samples were identified as field blanks. Samples E3NZ5 and E3P07 were identified as the field duplicate of samples E3NZ3 and E3P06, respectively. No aroclors were detected in the field duplicate samples. SVOA results for the field duplicate samples are summarized in the following tables:

Sample ID Sample location Analytes	E3NZ3 SB-04D DF=1, ug/Kg	E3NZ5 SB-04 DF=1, ug/Kg	RPDs
Acetophenone	460	410	-11.5
Phenanthrene	ND	730	200
Anthracene	ND	130	200
Fluoranthene	ND	800	200
Pyrene	ND	610	200
Benzo(a)anthracene	ND	340	200
Chrysene	ND	350	200
Benzo(b)fluoranthene	ND	240	200
Benzo(k)fluoranthene	ND	230	200
Benzo(a)pyrene	ND	240	200
Indeno(1,2,3-cd)pyrene	ND	120	200
Benzo(g,h,i)perylene	ND	120	200
# SVOA TICs	6	8	28

Sample ID Sample location Analytes	E3P06 SB-03 DF=1, ug/Kg	E3P07 SB-03D DF=1, ug/Kg	RPDs
Acetophenone	130	ND	200
# SVOA TICs	28	29	3.5

Results are not qualified based upon the results of the field duplicates.

8. INTERNAL STANDARDS

No problems were found.

9. COMPOUND IDENTIFICATION

After reviewing the mass spectra and chromatograms it appears that all semivolatile and aroclor compounds were properly identified.

10. COMPOUND QUANTITATION AND REPORTED DETECTION LIMITS

Percent moisture content of the following semivolatile soil samples exceeds primary criteria. Detected compounds are qualified “J”. Non-detected compounds are qualified “UJ”.

E3P08, E3P08DL, E3P08MS, E3P08MSD

The following semivolatile samples have compound concentrations less than the CRQL. Detected compounds are qualified “J”.

E3NY9
1,2,4,5-Tetrachlorobenzene

E3NZ0
Acenaphthylene, Carbazole, Dibenzo(a,h)anthracene

E3NZ1
Benzaldehyde

E3NZ5
Anthracene, Indeno(1,2,3-cd)pyrene, Benzo(g,h,i)perylene

E3NZ6
Carbazole, Dibenzo(a,h)anthracene

E3P01
Chrysene, Benzo(g,h,i)perylene

E3P03
Naphthalene, Phenanthrene, Fluoranthene, Pyrene

E3P05
Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Benzo(g,h,i)perylene

E3P06
Acetophenone

E3P08
1,1'-Biphenyl, Carbazole

E3P08DL
Benzo(b)fluoranthene, Benzo(a)pyrene

E3P08MS
Benzaldehyde, Fluorene, Dibenzo(a,h)anthracene

E3P08MSD
Fluorene, Carbazole, Dibenzo(a,h)anthracene

A library search indicates a match at or above 85% for a TIC compound in the semivolatile samples. Detected compounds are qualified “NJ”.

Cas No. 57-10-3 n-Hexadecanoic acid
E3NY9, E3NZ3, E3NZ5, E3NZ7, E3P00, E3P01, E3P03, E3P04, E3P05, E3P06, E3P07

Cas No. 57-11-4 Octadecanoic acid
E3NZ3, E3P04

Cas No. 58-22-0 Testosterone;
Cas No. 483-77-2 Naphthalene, 1,2,3,4-tetrahydro-1,6-dime;
Cas No. 1617-70-5 Lup-20(29)-en-3-one;
Cas No. 3386-33-2 1-Chloro-octacecane;
Cas No. 7390-81-0 Oxirane, hexadecyl-;
Cas No. 18326-16-4 Podocarpa-8,11,13-trien-3-one, 14-isopro;
Cas No. 1000197-14-1 4b,8-Dimethyl-2-isopropylphenanthrene;
Cas No. 1000214-20-7 Stigmasterol, 22,23-dihydro-
E3P06

Cas No. 65-85-0 Benzoic acid
E3NZ6, E3NZ7, E3NZ8, E3NZ9, E3P00, E3P01, E3P02, E3P03, E3P05, E3P06, E3P07, E3P08

Cas No. 81-84-5 1,8-Naphthalic anhydride;
Cas No. 95-16-9 Benzothiazole;
Cas No. 120-51-4 Benzyl Benzoate;
Cas No. 149-30-4 2-Mercaptobenzothiazole;
Cas No. 194-03-6 4-Azapyrene;
Cas No. 243-24-3 Indeno[2,1-b]chromene;
Cas No. 934-34-9 2(3H)-Benzothiazolone
E3NZ0

Cas No. 83-47-6 gamma-Sitosterol;
Cas No. 1454-85-9 1-Heptadecanol;
Cas No. 4292-19-7 Dodecane, 1-iodo-;
Cas No. 36653-82-4 1-Hexadecanol;
Cas No. 1000152-04-3 Eudesma-4(14),11-diene
E3P07

Cas No. 84-65-1 9,10-Anthracenedione;
Cas No. 132-65-0 Dibenzothiophene;
Cas No. 610-48-0 Anthracene, 1-methyl-;
Cas No. 613-12-7 Anthracene, 2-methyl-;
Cas No. 832-69-9 Phenanthrene, 1-methyl-;
Cas No. 1191-85-1 5,8,11,14-Eicosatetraynoic;
Cas No. 2789-88-0 di-p-Tolylacetylene;

Cas No. 3351-28-8 Chrysene, 1-methyl-;
Cas No. 3351-31-3 Chrysene, 3-methyl-;
Cas No. 3674-73-5 Phenanthrene, 2,3,5-trimeth;
Cas No. 33543-31-6 Fluoranthene, 2-methyl-;
Cas No. 52251-71-5 Anthracene, 2-ethyl-;
Cas No. 7372-88-5 Dibenzothiophene, 4-methyl-
E3NZ6

Cas No. 90-12-0 1-Methylnaphthalene;
Cas No. 95-63-6 1,2,4-Trimethylbenzene;
Cas No. 103-82-2 Benzeneacetic acid;
Cas No. 581-40-8 Naphthalene, 2,3-dimethyl-;
Cas No. 582-16-1 Naphthalene, 2,7-dimethyl-;
Cas No. 2131-42-2 Naphthalene, 1,4,6-trimethyl-;
Cas No. 33930-85-7 Benzene, (4,5,5-trimethyl-1,3-cyclopenta;
Cas No. 62951-96-6 1,5,9-Undecatriene, 2,6,10-trimethyl-;
Cas No. 1000283-05-1 3-Chloropropionic acid, heptadecyl ester
E3P03

Cas No. 108-70-3 1,3,5-Trichlorobenzene;
Cas No. 608-93-5 Pentachlorobenzene;
Cas No. 634-90-2 Benzene, 1,2,3,5-tetrachlor
E3NY9

Cas No. 143-07-7 Dodecanoic acid @ 7.18 - 9.02
E3NY9, E3NZ3, E3P03

Cas No. 192-97-2 Benzo(e)pyrene
E3NZ1, E3NZ5

Cas No. 198-55-0 Perylene;
Cas No. 238-84-6 11H-Benzo[a]fluorene;
Cas No. 496-11-7 Indane;
Cas No. 605-02-7 Naphthalene, 1-phenyl-;
Cas No. 612-94-2 Naphthalene, 2-phenyl-;
Cas No. 1430-97-3 9H-Fluorene, 2-methyl-;
Cas No. 2531-84-2 Phenanthrene, 2-methyl-;
Cas No. 3674-69-9 Phenanthrene, 4,5-dimethyl-;
Cas No. 22360-62-9 1-Methyl-3-phenyl-1H-indene
E3P08

Cas No. 200-23-7 Benzo[kl]xanthene
E3NZ0, E3P08DL

Cas No. 203-64-5 4H-Cyclopenta[def]phenanthr

E3NZ5

Cas No. 243-17-4 11H-Benzo[b]fluorene
E3NZ0, E3P08, E3P08DL

Cas No. 479-79-8 11H-Benzo[a]fluoren-11-one @ 13.26 - 13.48
E3NZ0, E3NZ6

Cas No. 781-43-1 9,10-Dimethylanthracene
E3NZ6, E3P08

Cas No. 949-41-7 1H-Cyclopropa[l]phenanthrene,1a,9b-dihyd
E3P08, E3P08DL

Cas No. 1705-85-7 Chrysene, 6-methyl-;
Cas No. 3353-12-6 Pyrene, 4-methyl- E3P01
E3P01

Cas No. 2381-21-7 Pyrene, 1-methyl- @ 12.50 - 12.87
E3NZ0, E3NZ5, E3NZ6, E3P01, E3P08, E3P08DL

Cas No. 3442-78-2 Pyrene, 2-methyl- @ 12.50 - 12.90
E3NZ6, E3P08, E3P08DL

Cas No. 5737-13-3 Cyclopenta(def)phenanthreno
E3NZ0, E3NZ5

Cas No. 6566-19-4 10,18-Bisnorabieta-5,7,9(10),11,13-penta
E3P06, E3P07

Cas No. 7320-53-8 Dibenzofuran, 4-methyl-
E3P03, E3P08

Cas No. 7683-64-9 Squalene
SBLK4H

Cas No. 22611-26-3 D:C-Friedoolean-8-en-3-one;
Cas No. 74339-53-0 Trichloroacetic acid, penta;
Cas No. 74685-33-9 3-Eicosene, (E)-
E3NZ1

A library search indicates a match below 85% for a TIC compound in the semivolatile samples. Detected compounds are qualified “J”.

Unknown @ 5.95; Unknown @ 12.57; Unknown @ 16.42; Unknown @ 18.72

E3P06

Unknown @ 7.59
SBLK4H

Unknown @ 8.38; Unknown @ 9.25
E3P03

Unknown @ 9.72; Unknown @ 10.21; Unknown @ 10.24; Unknown @ 10.32
E3P08

Unknown @ 9.80
E3P04, E3P07, E3P08

Unknown @ 10.56; Unknown @ 10.85; Unknown @ 11.52; Unknown @ 11.67;
E3NZ0

Unknown @ 10.98; Unknown @ 13.94
E3NZ6

Unknown @ 11.06; Unknown @ 16.94
E3P04

Unknown @ 11.22
E3NZ6, E3P08, E3P08DL

Unknown @ 11.81
E3NZ4, E3P03, E3P06, E3P08

Unknown @ 11.87
E3NZ3, E3NZ5, E3P08

Unknown @ 12.10
E3NZ0, E3P06

Unknown @ 12.31; Unknown @ 13.16
E3P01

Unknown @ 12.63
E3NY9, E3P03

Unknown @ 12.73
E3NZ6, E3P07, E3P08DL

Unknown @ 12.93

E3P00, E3P06

Unknown @ 13.11; Unknown @ 13.22; Unknown @ 13.87; Unknown @ 14.73; Unknown @ 15.87; Unknown @ 18.01; Unknown @ 18.86
E3NZ1

Unknown @ 13.36
E3NZ0, E3NZ1, E3NZ6, E3P01

Unknown @ 13.48; Unknown @ 16.16; Unknown @ 17.37;
E3NZ1, E3P07

Unknown @ 13.52
E3NZ1, E3NZ3, E3NZ4, E3NZ7, E3P02, E3P03, E3P06, E3P07

Unknown @ 13.56; Unknown @ 18.99
E3P06, E3P07

Unknown @ 13.62
E3P08DL

Unknown @ 14.30
E3NZ7, E3P02, E3P03, E3P07

Unknown @ 14.64; Unknown @ 17.41
E3NZ1, E3P05

Unknown @ 14.80
E3NY9, E3NZ1, E3NZ5, E3NZ8, E3P02, E3P04, E3P05, E3P06, E3P07

Unknown @ 15.00
E3NZ6, E3P03, E3P05

Unknown @ 15.08
E3NZ0, E3NZ1

Unknown @ 15.18; Unknown @ 18.34; Unknown @ 20.49
E3P05

Unknown @ 15.54; Unknown @ 16.69; Unknown @ 17.89
E3P07

Unknown @ 15.79
E3NZ7, E3P06, E3P07

Unknown @ 15.97
E3NZ0, E3NZ3, E3NZ5, E3P00, E3P07

Unknown @ 16.05
E3NZ1, E3P06

Unknown @ 16.34
E3P00, E3P04

Unknown @ 16.86
E3P06, E3P07, E3P08

Unknown @ 16.99
E3P04, E3P05

Unknown @ 17.18
E3NZ4, E3P03, E3P04, E3P05

Unknown @ 17.24; Unknown @ 18.08
E3NZ1, E3P05, E3P07

Unknown @ 17.53
E3P01, E3P05, E3P06, E3P07

Unknown @ 17.63
E3NZ7, E3P01, E3P05

Unknown @ 17.80
E3NZ1, E3P05, E3P06, E3P07

Unknown @ 18.84
E3P03, E3P05, E3P07

Percent moisture content of the following aroclor soil samples exceeds primary criteria. Detected compounds are qualified “J”. Non-detected compounds are qualified “UJ”.

E3P08, E3P08MS, E3P08MSD

The following aroclor samples have compound concentrations less than the CRQL. Detected compounds are qualified “J”.

ALCS4D
Aroclor-1016, Aroclor-1260

E3NZ0, E3P02

Aroclor-1254, Aroclor-1260

E3P08
Aroclor-1260

The relative percent difference between analyte results for the following aroclor samples is greater than 25%. The analyte concentrations are greater than 25% of the CRQL. Detected compounds are qualified "J".

E3NZ0, E3P02, E3P08MS, E3P08MSD
Aroclor-1260

11. SYSTEM PERFORMANCE

GC/MS baseline indicated acceptable performance. The GC baselines for the aroclor analyses were acceptable.

12. ADDITIONAL INFORMATION

The following semivolatile sample has compound concentrations which exceed the instruments calibration range. The detected results are qualified "J". The results from the diluted analyses should be considered the final concentrations for the affected compounds.

E3P08
Phenanthrene, Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene

No TICs for sample E3NZ1 were reported on NFG report #9 (TICs report). Please, refer to Form I SV-TIC for the TICs report of E3NZ1.

The following semivolatile samples had alkanes improperly listed on NFG report #9 (TICs report). They were removed by the Reviewer.

E3NZ6, E3P03, E3P05, E3P06, E3P07

EXES did not include the following aroclor sample. Form Is for this sample is included with the hard copy data package.

ALCS4D

The following aroclor sample has compound concentrations which exceed the instruments calibration range. The detected result is qualified "J". No dilution was required because this is a laboratory QC sample.

E3P08MS
Aroclor-1260

Case Number: 41861 SDG Number: E3NY9
Site Name: C & H Lake Linden Operation (MI) Laboratory: Spectrum Analytical

CADRE Data Qualifier Sheet

Qualifiers	Data Qualifier Definitions
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the action limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification.
NJ	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification and the associated numerical value represents its approximate concentration.
R	The data are unusable. (The compound may or may not be present.)

Sample Summary Report

Case No:	41861	Contract:	EPW11034	SDG No:	E3NY9	Lab Code:	PEL
Sample Number:	ABLK4D	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:		pH:	1.8	Sample Date:		Sample Time:	
% Moisture :	0			% Solids :			

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	33	ug/Kg	1.0	U	U	Yes	
Aroclor-1221	33	ug/Kg	1.0	U	U	Yes	
Aroclor-1232	33	ug/Kg	1.0	U	U	Yes	
Aroclor-1242	33	ug/Kg	1.0	U	U	Yes	
Aroclor-1248	33	ug/Kg	1.0	U	U	Yes	
Aroclor-1254	33	ug/Kg	1.0	U	U	Yes	
Aroclor-1260	33	ug/Kg	1.0	U	U	Yes	
Aroclor-1262	33	ug/Kg	1.0	U	U	Yes	
Aroclor-1268	33	ug/Kg	1.0	U	U	Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NY9	Lab Code:	PEL
Sample Number:	E3NY9	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-19	pH:	6.3	Sample Date:	10112011	Sample Time:	14:10:00
% Moisture :	41.7			% Solids :	58.3		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	290	ug/Kg	1.0	U	U	Yes	
Phenol	290	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethyl)ether	290	ug/Kg	1.0	U	U	Yes	
2-Chlorophenol	290	ug/Kg	1.0	U	U	Yes	
2-Methylphenol	290	ug/Kg	1.0	U	U	Yes	
2,2'-Oxybis(1-chloropropane)	290	ug/Kg	1.0	U	U	Yes	
Acetophenone	290	ug/Kg	1.0	U	U	Yes	
4-Methylphenol	290	ug/Kg	1.0	U	U	Yes	
N-Nitroso-di-n-propylamine	290	ug/Kg	1.0	U	U	Yes	
Hexachloroethane	290	ug/Kg	1.0	U	U	Yes	
Nitrobenzene	290	ug/Kg	1.0	U	U	Yes	
Isophorone	290	ug/Kg	1.0	U	U	Yes	
2-Nitrophenol	290	ug/Kg	1.0	U	U	Yes	
2,4-Dimethylphenol	290	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethoxy)methane	290	ug/Kg	1.0	U	U	Yes	
2,4-Dichlorophenol	290	ug/Kg	1.0	U	U	Yes	
Naphthalene	290	ug/Kg	1.0	U	U	Yes	
4-Chloroaniline	290	ug/Kg	1.0	U	U	Yes	
Hexachlorobutadiene	290	ug/Kg	1.0	U	U	Yes	
Caprolactam	290	ug/Kg	1.0	U	U	Yes	
4-Chloro-3-methylphenol	290	ug/Kg	1.0	U	U	Yes	
2-Methylnaphthalene	290	ug/Kg	1.0	U	U	Yes	
Hexachlorocyclopentadiene	290	ug/Kg	1.0	U	UJ	Yes	
2,4,6-Trichlorophenol	290	ug/Kg	1.0	U	U	Yes	
2,4,5-Trichlorophenol	290	ug/Kg	1.0	U	U	Yes	
1,1'-Biphenyl	290	ug/Kg	1.0	U	U	Yes	
2-Chloronaphthalene	290	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2-Nitroaniline	570	ug/Kg	1.0	U	U	Yes	
Dimethylphthalate	290	ug/Kg	1.0	U	U	Yes	
2,6-Dinitrotoluene	290	ug/Kg	1.0	U	U	Yes	
Acenaphthylene	290	ug/Kg	1.0	U	U	Yes	
3-Nitroaniline	570	ug/Kg	1.0	U	U	Yes	
Acenaphthene	290	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrophenol	570	ug/Kg	1.0	U	UJ	Yes	
4-Nitrophenol	570	ug/Kg	1.0	U	U	Yes	
Dibenzofuran	290	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrotoluene	290	ug/Kg	1.0	U	U	Yes	
Diethylphthalate	290	ug/Kg	1.0	U	U	Yes	
Fluorene	290	ug/Kg	1.0	U	U	Yes	
4-Chlorophenyl-phenylether	290	ug/Kg	1.0	U	U	Yes	
4-Nitroaniline	570	ug/Kg	1.0	U	U	Yes	
4,6-Dinitro-2-methylphenol	570	ug/Kg	1.0	U	UJ	Yes	
N-Nitrosodiphenylamine	290	ug/Kg	1.0	U	U	Yes	
1,2,4,5-Tetrachlorobenzene	290	ug/Kg	1.0	J	J	Yes	
4-Bromophenyl-phenylether	290	ug/Kg	1.0	U	U	Yes	
Hexachlorobenzene	850	ug/Kg	1.0			Yes	
Atrazine	290	ug/Kg	1.0	U	U	Yes	
Pentachlorophenol	570	ug/Kg	1.0	U	U	Yes	
Phenanthrene	290	ug/Kg	1.0	U	U	Yes	
Anthracene	290	ug/Kg	1.0	U	U	Yes	
Carbazole	290	ug/Kg	1.0	U	U	Yes	
Di-n-butylphthalate	290	ug/Kg	1.0	U	U	Yes	
Fluoranthene	290	ug/Kg	1.0	U	UJ	Yes	
Pyrene	290	ug/Kg	1.0	U	UJ	Yes	
Butylbenzylphthalate	290	ug/Kg	1.0	U	U	Yes	
3,3'-Dichlorobenzidine	290	ug/Kg	1.0	U	U	Yes	
Benzo(a)anthracene	290	ug/Kg	1.0	U	UJ	Yes	
Chrysene	290	ug/Kg	1.0	U	UJ	Yes	
Bis(2-ethylhexyl)	580	ug/Kg	1.0			Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
phthalate	580	ug/Kg	1.0			Yes	
Di-n-octylphthalate	290	ug/Kg	1.0	U	U	Yes	
Benzo(b)fluoranthene	290	ug/Kg	1.0	U	UJ	Yes	
Benzo(k)fluoranthene	290	ug/Kg	1.0	U	UJ	Yes	
Benzo(a)pyrene	290	ug/Kg	1.0	U	UJ	Yes	
Indeno(1,2,3-cd)pyrene	290	ug/Kg	1.0	U	UJ	Yes	
Dibenzo(a,h)anthracene	290	ug/Kg	1.0	U	UJ	Yes	
Benzo(g,h,i)perylene	290	ug/Kg	1.0	U	UJ	Yes	
2,3,4,6-Tetrachlorophenol	290	ug/Kg	1.0	U	U	Yes	
Dodecanoic acid_2			1.0	NJ		Yes	
1,3,5-Trichlorobenzene_1			1.0	NJ		Yes	
Benzene, 1,2,3,5-tetrachlor_4			1.0	NJ		Yes	
n-Hexadecanoic acid_6			1.0	NJ		Yes	
Pentachlorobenzene_5			1.0	NJ		Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NY9	Lab Code:	PEL
Sample Number:	E3NY9	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-19	pH:	6.3	Sample Date:	10112011	Sample Time:	14:10:00
% Moisture :	41.7			% Solids :	58.3		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	57	ug/Kg	1.0	U	U	Yes	
Aroclor-1221	57	ug/Kg	1.0	U	U	Yes	
Aroclor-1232	57	ug/Kg	1.0	U	U	Yes	
Aroclor-1242	57	ug/Kg	1.0	U	U	Yes	
Aroclor-1248	57	ug/Kg	1.0	U	U	Yes	
Aroclor-1254	57	ug/Kg	1.0	U	U	Yes	
Aroclor-1260	57	ug/Kg	1.0	U	U	Yes	
Aroclor-1262	57	ug/Kg	1.0	U	U	Yes	
Aroclor-1268	57	ug/Kg	1.0	U	U	Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NY9	Lab Code:	PEL
Sample Number:	E3NZ0	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-20	pH:	7.5	Sample Date:	10112011	Sample Time:	13:37:00
% Moisture :	1.2			% Solids :	98.8		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	170	ug/Kg	1.0	U	U	Yes	
Phenol	170	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethyl)ether	170	ug/Kg	1.0	U	U	Yes	
2-Chlorophenol	170	ug/Kg	1.0	U	U	Yes	
2-Methylphenol	170	ug/Kg	1.0	U	U	Yes	
2,2'-Oxybis(1-chloropropane)	170	ug/Kg	1.0	U	U	Yes	
Acetophenone	220	ug/Kg	1.0			Yes	
4-Methylphenol	170	ug/Kg	1.0	U	U	Yes	
N-Nitroso-di-n-propylamine	170	ug/Kg	1.0	U	U	Yes	
Hexachloroethane	170	ug/Kg	1.0	U	U	Yes	
Nitrobenzene	170	ug/Kg	1.0	U	U	Yes	
Isophorone	170	ug/Kg	1.0	U	U	Yes	
2-Nitrophenol	170	ug/Kg	1.0	U	U	Yes	
2,4-Dimethylphenol	170	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethoxy)methane	170	ug/Kg	1.0	U	U	Yes	
2,4-Dichlorophenol	170	ug/Kg	1.0	U	U	Yes	
Naphthalene	170	ug/Kg	1.0	U	U	Yes	
4-Chloroaniline	170	ug/Kg	1.0	U	U	Yes	
Hexachlorobutadiene	170	ug/Kg	1.0	U	U	Yes	
Caprolactam	170	ug/Kg	1.0	U	U	Yes	
4-Chloro-3-methylphenol	170	ug/Kg	1.0	U	U	Yes	
2-Methylnaphthalene	170	ug/Kg	1.0	U	U	Yes	
Hexachlorocyclopentadiene	170	ug/Kg	1.0	U	UJ	Yes	
2,4,6-Trichlorophenol	170	ug/Kg	1.0	U	U	Yes	
2,4,5-Trichlorophenol	170	ug/Kg	1.0	U	U	Yes	
1,1'-Biphenyl	170	ug/Kg	1.0	U	U	Yes	
2-Chloronaphthalene	170	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2-Nitroaniline	330	ug/Kg	1.0	U	U	Yes	
Dimethylphthalate	170	ug/Kg	1.0	U	U	Yes	
2,6-Dinitrotoluene	170	ug/Kg	1.0	U	U	Yes	
Acenaphthylene	130	ug/Kg	1.0	J	J	Yes	
3-Nitroaniline	330	ug/Kg	1.0	U	U	Yes	
Acenaphthene	170	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrophenol	330	ug/Kg	1.0	U	UJ	Yes	
4-Nitrophenol	330	ug/Kg	1.0	U	U	Yes	
Dibenzofuran	170	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrotoluene	170	ug/Kg	1.0	U	U	Yes	
Diethylphthalate	170	ug/Kg	1.0	U	U	Yes	
Fluorene	170	ug/Kg	1.0	U	U	Yes	
4-Chlorophenyl-phenylether	170	ug/Kg	1.0	U	U	Yes	
4-Nitroaniline	330	ug/Kg	1.0	U	U	Yes	
4,6-Dinitro-2-methylphenol	330	ug/Kg	1.0	U	UJ	Yes	
N-Nitrosodiphenylamine	170	ug/Kg	1.0	U	U	Yes	
1,2,4,5-Tetrachlorobenzene	170	ug/Kg	1.0	U	U	Yes	
4-Bromophenyl-phenylether	170	ug/Kg	1.0	U	U	Yes	
Hexachlorobenzene	170	ug/Kg	1.0	U	U	Yes	
Atrazine	170	ug/Kg	1.0	U	U	Yes	
Pentachlorophenol	330	ug/Kg	1.0	U	U	Yes	
Phenanthrene	280	ug/Kg	1.0			Yes	
Anthracene	170	ug/Kg	1.0	U	U	Yes	
Carbazole	84	ug/Kg	1.0	J	J	Yes	
Di-n-butylphthalate	170	ug/Kg	1.0	U	U	Yes	
Fluoranthene	1700	ug/Kg	1.0		J	Yes	
Pyrene	1300	ug/Kg	1.0			Yes	
Butylbenzylphthalate	170	ug/Kg	1.0	U	U	Yes	
3,3'-Dichlorobenzidine	170	ug/Kg	1.0	U	U	Yes	
Benzo(a)anthracene	680	ug/Kg	1.0			Yes	
Chrysene	980	ug/Kg	1.0			Yes	
Bis(2-ethylhexyl)	170	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
phthalate	170	ug/Kg	1.0	U	U	Yes	
Di-n-octylphthalate	170	ug/Kg	1.0	U	U	Yes	
Benzo(b)fluoranthene	860	ug/Kg	1.0			Yes	
Benzo(k)fluoranthene	770	ug/Kg	1.0			Yes	
Benzo(a)pyrene	600	ug/Kg	1.0			Yes	
Indeno(1,2,3-cd)pyrene	420	ug/Kg	1.0			Yes	
Dibenzo(a,h)anthracene	160	ug/Kg	1.0	J	J	Yes	
Benzo(g,h,i)perylene	420	ug/Kg	1.0			Yes	
2,3,4,6-Tetrachlorophenol	170	ug/Kg	1.0	U	U	Yes	
Benzo[kl]xanthene_12			1.0	NJ		Yes	
Pyrene, 1-methyl-_16			1.0	NJ		Yes	
1,8-Naphthalic anhydride_9			1.0	NJ		Yes	
Benzothiazole_1			1.0	NJ		Yes	
2-Mercaptobenzothiazole_6			1.0	NJ		Yes	
Cyclopenta(def)phenanthreno_10			1.0	NJ		Yes	
Benzyl Benzoate_3			1.0	NJ		Yes	
11H-Benzo[a]fluoren-11-one_18			1.0	NJ		Yes	
2(3H)-Benzothiazolone_2			1.0	NJ		Yes	
11H-Benzo[b]fluoren			1.0	NJ		Yes	
4-Azapyrene_14			1.0	NJ		Yes	
Indeno[2,1-b]chromene,_13			1.0	NJ		Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NY9	Lab Code:	PEL
Sample Number:	E3NZ0	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SS-20	pH:	7.5	Sample Date:	10112011	Sample Time:	13:37:00
% Moisture :	1.2			% Solids :	98.8		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	33	ug/Kg	1.0	U	U	Yes	
Aroclor-1221	33	ug/Kg	1.0	U	U	Yes	
Aroclor-1232	33	ug/Kg	1.0	U	U	Yes	
Aroclor-1242	33	ug/Kg	1.0	U	U	Yes	
Aroclor-1248	33	ug/Kg	1.0	U	U	Yes	
Aroclor-1254	30	ug/Kg	1.0	J	J	Yes	
Aroclor-1260	28	ug/Kg	1.0	J	J	Yes	
Aroclor-1262	33	ug/Kg	1.0	U	U	Yes	
Aroclor-1268	33	ug/Kg	1.0	U	U	Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NY9	Lab Code:	PEL
Sample Number:	E3NZ1	Method:	Aroclor	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SB-01	pH:	4.4	Sample Date:	10102011	Sample Time:	17:01:00
% Moisture :	57.4			% Solids :	42.6		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Aroclor-1016	77	ug/Kg	1.0	U	U	Yes	
Aroclor-1221	77	ug/Kg	1.0	U	U	Yes	
Aroclor-1232	77	ug/Kg	1.0	U	U	Yes	
Aroclor-1242	77	ug/Kg	1.0	U	U	Yes	
Aroclor-1248	77	ug/Kg	1.0	U	U	Yes	
Aroclor-1254	77	ug/Kg	1.0	U	U	Yes	
Aroclor-1260	77	ug/Kg	1.0	U	U	Yes	
Aroclor-1262	77	ug/Kg	1.0	U	U	Yes	
Aroclor-1268	77	ug/Kg	1.0	U	U	Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NY9	Lab Code:	PEL
Sample Number:	E3NZ1	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SB-01	pH:	4.4	Sample Date:	10102011	Sample Time:	17:01:00
% Moisture :	57.4			% Solids :	42.6		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	250	ug/Kg	1.0	J	J	Yes	
Phenol	400	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethyl)ether	400	ug/Kg	1.0	U	U	Yes	
2-Chlorophenol	400	ug/Kg	1.0	U	U	Yes	
2-Methylphenol	400	ug/Kg	1.0	U	U	Yes	
2,2'-Oxybis(1-chloropropane)	400	ug/Kg	1.0	U	U	Yes	
Acetophenone	470	ug/Kg	1.0			Yes	
4-Methylphenol	400	ug/Kg	1.0	U	U	Yes	
N-Nitroso-di-n-propylamine	400	ug/Kg	1.0	U	U	Yes	
Hexachloroethane	400	ug/Kg	1.0	U	U	Yes	
Nitrobenzene	400	ug/Kg	1.0	U	U	Yes	
Isophorone	400	ug/Kg	1.0	U	U	Yes	
2-Nitrophenol	400	ug/Kg	1.0	U	U	Yes	
2,4-Dimethylphenol	400	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethoxy)methane	400	ug/Kg	1.0	U	U	Yes	
2,4-Dichlorophenol	400	ug/Kg	1.0	U	U	Yes	
Naphthalene	400	ug/Kg	1.0	U	U	Yes	
4-Chloroaniline	400	ug/Kg	1.0	U	UJ	Yes	
Hexachlorobutadiene	400	ug/Kg	1.0	U	U	Yes	
Caprolactam	400	ug/Kg	1.0	U	U	Yes	
4-Chloro-3-methylphenol	400	ug/Kg	1.0	U	U	Yes	
2-Methylnaphthalene	400	ug/Kg	1.0	U	U	Yes	
Hexachlorocyclopentadiene	400	ug/Kg	1.0	U	UJ	Yes	
2,4,6-Trichlorophenol	400	ug/Kg	1.0	U	U	Yes	
2,4,5-Trichlorophenol	400	ug/Kg	1.0	U	U	Yes	
1,1'-Biphenyl	400	ug/Kg	1.0	U	U	Yes	
2-Chloronaphthalene	400	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2-Nitroaniline	770	ug/Kg	1.0	U	U	Yes	
Dimethylphthalate	400	ug/Kg	1.0	U	U	Yes	
2,6-Dinitrotoluene	400	ug/Kg	1.0	U	U	Yes	
Acenaphthylene	400	ug/Kg	1.0	U	U	Yes	
3-Nitroaniline	770	ug/Kg	1.0	U	U	Yes	
Acenaphthene	400	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrophenol	770	ug/Kg	1.0	U	UJ	Yes	
4-Nitrophenol	770	ug/Kg	1.0	U	U	Yes	
Dibenzofuran	400	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrotoluene	400	ug/Kg	1.0	U	U	Yes	
Diethylphthalate	400	ug/Kg	1.0	U	U	Yes	
Fluorene	400	ug/Kg	1.0	U	U	Yes	
4-Chlorophenyl-phenylether	400	ug/Kg	1.0	U	U	Yes	
4-Nitroaniline	770	ug/Kg	1.0	U	U	Yes	
4,6-Dinitro-2-methylphenol	770	ug/Kg	1.0	U	UJ	Yes	
N-Nitrosodiphenylamine	400	ug/Kg	1.0	U	U	Yes	
1,2,4,5-Tetrachlorobenzene	400	ug/Kg	1.0	U	U	Yes	
4-Bromophenyl-phenylether	400	ug/Kg	1.0	U	U	Yes	
Hexachlorobenzene	400	ug/Kg	1.0	U	U	Yes	
Atrazine	400	ug/Kg	1.0	U	U	Yes	
Pentachlorophenol	770	ug/Kg	1.0	U	U	Yes	
Phenanthrene	400	ug/Kg	1.0	U	U	Yes	
Anthracene	400	ug/Kg	1.0	U	U	Yes	
Carbazole	400	ug/Kg	1.0	U	U	Yes	
Di-n-butylphthalate	400	ug/Kg	1.0	U	U	Yes	
Fluoranthene	400	ug/Kg	1.0	U	UJ	Yes	
Pyrene	400	ug/Kg	1.0	U	U	Yes	
Butylbenzylphthalate	400	ug/Kg	1.0	U	U	Yes	
3,3'-Dichlorobenzidine	400	ug/Kg	1.0	U	UJ	Yes	
Benzo(a)anthracene	400	ug/Kg	1.0	U	U	Yes	
Chrysene	400	ug/Kg	1.0	U	U	Yes	
Bis(2-ethylhexyl)	400	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
phthalate	400	ug/Kg	1.0	U	U	Yes	
Di-n-octylphthalate	400	ug/Kg	1.0	U	U	Yes	
Benzo(b)fluoranthene	400	ug/Kg	1.0	U	U	Yes	
Benzo(k)fluoranthene	400	ug/Kg	1.0	U	U	Yes	
Benzo(a)pyrene	400	ug/Kg	1.0	U	U	Yes	
Indeno(1,2,3-cd)pyrene	400	ug/Kg	1.0	U	U	Yes	
Dibenzo(a,h)anthracene	400	ug/Kg	1.0	U	U	Yes	
Benzo(g,h,i)perylene	400	ug/Kg	1.0	U	U	Yes	
2,3,4,6-Tetrachlorophenol	400	ug/Kg	1.0	U	U	Yes	

Case No:	41861	Contract:	EPW11034	SDG No:	E3NY9	Lab Code:	PEL
Sample Number:	E3NZ2	Method:	BNA	Matrix:	Soil	MA Number:	DEFAULT
Sample Location:	SB-02	pH:	4.5	Sample Date:	10102011	Sample Time:	16:10:00
% Moisture :	21.6			% Solids :	78.4		

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
Benzaldehyde	220	ug/Kg	1.0	U	U	Yes	
Phenol	220	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethyl)ether	220	ug/Kg	1.0	U	U	Yes	
2-Chlorophenol	220	ug/Kg	1.0	U	U	Yes	
2-Methylphenol	220	ug/Kg	1.0	U	U	Yes	
2,2'-Oxybis(1-chloropropane)	220	ug/Kg	1.0	U	U	Yes	
Acetophenone	220	ug/Kg	1.0	U	U	Yes	
4-Methylphenol	220	ug/Kg	1.0	U	U	Yes	
N-Nitroso-di-n-propylamine	220	ug/Kg	1.0	U	U	Yes	
Hexachloroethane	220	ug/Kg	1.0	U	U	Yes	
Nitrobenzene	220	ug/Kg	1.0	U	U	Yes	
Isophorone	220	ug/Kg	1.0	U	U	Yes	
2-Nitrophenol	220	ug/Kg	1.0	U	U	Yes	
2,4-Dimethylphenol	220	ug/Kg	1.0	U	U	Yes	
Bis(2-chloroethoxy)methane	220	ug/Kg	1.0	U	U	Yes	
2,4-Dichlorophenol	220	ug/Kg	1.0	U	U	Yes	
Naphthalene	220	ug/Kg	1.0	U	U	Yes	
4-Chloroaniline	220	ug/Kg	1.0	U	U	Yes	
Hexachlorobutadiene	220	ug/Kg	1.0	U	U	Yes	
Caprolactam	220	ug/Kg	1.0	U	U	Yes	
4-Chloro-3-methylphenol	220	ug/Kg	1.0	U	U	Yes	
2-Methylnaphthalene	220	ug/Kg	1.0	U	U	Yes	
Hexachlorocyclopentadiene	220	ug/Kg	1.0	U	UJ	Yes	
2,4,6-Trichlorophenol	220	ug/Kg	1.0	U	U	Yes	
2,4,5-Trichlorophenol	220	ug/Kg	1.0	U	U	Yes	
1,1'-Biphenyl	220	ug/Kg	1.0	U	U	Yes	
2-Chloronaphthalene	220	ug/Kg	1.0	U	U	Yes	

Analyte Name	Result	Units	Dilution Factor	Lab Flag	Validation	Reportable	Validation Level
2-Nitroaniline	420	ug/Kg	1.0	U	U	Yes	
Dimethylphthalate	220	ug/Kg	1.0	U	U	Yes	
2,6-Dinitrotoluene	220	ug/Kg	1.0	U	U	Yes	
Acenaphthylene	220	ug/Kg	1.0	U	U	Yes	
3-Nitroaniline	420	ug/Kg	1.0	U	U	Yes	
Acenaphthene	220	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrophenol	420	ug/Kg	1.0	U	UJ	Yes	
4-Nitrophenol	420	ug/Kg	1.0	U	U	Yes	
Dibenzofuran	220	ug/Kg	1.0	U	U	Yes	
2,4-Dinitrotoluene	220	ug/Kg	1.0	U	U	Yes	
Diethylphthalate	220	ug/Kg	1.0	U	U	Yes	
Fluorene	220	ug/Kg	1.0	U	U	Yes	
4-Chlorophenyl-phenylether	220	ug/Kg	1.0	U	U	Yes	
4-Nitroaniline	420	ug/Kg	1.0	U	U	Yes	
4,6-Dinitro-2-methylphenol	420	ug/Kg	1.0	U	UJ	Yes	
N-Nitrosodiphenylamine	220	ug/Kg	1.0	U	U	Yes	
1,2,4,5-Tetrachlorobenzene	220	ug/Kg	1.0	U	U	Yes	
4-Bromophenyl-phenylether	220	ug/Kg	1.0	U	U	Yes	
Hexachlorobenzene	220	ug/Kg	1.0	U	U	Yes	
Atrazine	220	ug/Kg	1.0	U	U	Yes	
Pentachlorophenol	420	ug/Kg	1.0	U	U	Yes	
Phenanthrene	220	ug/Kg	1.0	U	U	Yes	
Anthracene	220	ug/Kg	1.0	U	U	Yes	
Carbazole	220	ug/Kg	1.0	U	U	Yes	
Di-n-butylphthalate	220	ug/Kg	1.0	U	U	Yes	
Fluoranthene	220	ug/Kg	1.0	U	UJ	Yes	
Pyrene	220	ug/Kg	1.0	U	U	Yes	
Butylbenzylphthalate	220	ug/Kg	1.0	U	U	Yes	
3,3'-Dichlorobenzidine	220	ug/Kg	1.0	U	U	Yes	
Benzo(a)anthracene	220	ug/Kg	1.0	U	U	Yes	
Chrysene	220	ug/Kg	1.0	U	U	Yes	
Bis(2-ethylhexyl)	220	ug/Kg	1.0	U	U	Yes	