TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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TestAmerica Job ID: 280-41262-1
Client Project/Site: West Ammonium Explosion

For:
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LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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

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

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Job ID: 280-41262-1

Laboratory: TestAmerica Denver

Narrative

CASE NARRATIVE

Client: Weston Solutions, Inc.

Project: West Ammonium Explosion

Report Number: 280-41262-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

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

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

Sample Receiving
Ten soil samples were received under Chain of Custody on April 21, 2012. The samples were received in good condition at temperatures of 2.3°C and 3.1°C.

It can be noted that the samples were delivered to the laboratory on the evening of 4/21/2013 by the TestAmerica lab courier and placed in the laboratory walk-in cooler. As the sample receiving supervisor was not present at the time of delivery, the received signature of 4/22/2013 at 08:00 reflects the beginning of business hours of the day the samples were logged. Chain of custody was preserved from the receipt of the samples at the airport on 4/21/2013 at 20:40 and all custody seals were intact.

The 8141B Organophosphorus Pesticide analysis presented in this report was performed at TestAmerica Tallahassee, 2846 Industrial Plaza Drive; Tallahassee; FL 32301, phone 850-878-3994.

No other anomalies were encountered during sample receipt.

GC/MS Semivolatiles - SW846 Method 8270C
Please note that compounds Benzo(b)fluoranthene and Benzo(k)fluoranthene could not be resolved in the analysis of samples WFE01-01-51-20130421 (280-41262-1), WFE02-01-51-20130421 (280-41262-2) and WFE09-01-51-20130421 (280-41262-10). It can be noted that these compounds were adequately resolved in associated standards, indicating the instrument is achieving separation. The combined peaks were reported as Benzo(b)fluoranthene, while Benzo(k)fluoranthene was reported as undetected even though it may be present. Associated results in the analytical report have been flagged with a “K”.

No other anomalies were observed.

GC Semivolatiles / Pesticides - SW846 Method 8141B
No anomalies were observed.

GC Semivolatiles / Herbicides - SW846 Method 8151A
TestAmerica Denver’s practice for the reporting of dual column data in packages requiring forms and/or raw data is to report the analytes/surrogates from both columns, and the preferred result for any given target analyte from the analyst selected column. The preferred results for target analytes and surrogates are reported as PRIMARY on the Sample Datasheets.

The designation of “primary” and “secondary” results in the data package does not necessarily correlate to “primary” and “confirmation” column results. The use of the designator “primary” in the LIM system indicates the “preferred” result, which may

Job ID: 280-41262-1 (Continued)

Laboratory: TestAmerica Denver (Continued)

come from either column.

Due to the nature of the sample matrix and non-target peaks samples WFE01-01-51-20130421 (280-41262-1)[, WFE02-01-51-20130421 (280-41262-2), WFE03-01-51-20130421 (280-41262-3), WFE04-01-51-20130421 (280-41262-4), WFE05-01-51-20130421 (280-41262-5), WFE06-01-51-20130421 (280-41262-6), WFE07-01-51-20130421 (280-41262-7), WFE07-01-52-20130421 (280-41262-8), WFE08-01-51-20130421 (280-41262-9) and WFE09-01-51-20130421 (280-41262-10) required dilution prior to analysis. The reporting limits have been adjusted accordingly. The surrogate recoveries could not be reliably calculated because the extract was diluted beyond the ability to accurately quantitate recoveries.

The MS/MSD analyses associated with prep batch 280-170727 were performed on sample WFE06-01-51-20130421 (280-41262-6). Spike compound recoveries, RPD data and surrogate recoveries could not be reliably calculated because the sample was diluted beyond the ability to accurately quantitate recoveries.

The Initial Calibration Verification (ICV) standard associated with analytical batch 280-170870 exhibited the %Difference (%D) values outside the control limits for MCPP. The data have been reported where the ICV was within control limits and the associated results ND.

No other anomalies were observed.

LC/MS / Glyphosate - SW846 Method 8321A
A low level of Glyphosate was detected in the method blank associated with prep batch 280-171232. The value should be considered an estimate, and has been flagged “J”. Because the concentrations in the method blank were not present at levels greater than one half the reporting limits, corrective action was deemed unnecessary. The associated positive results in the analytical report have been flagged with a “B”. Usability of the sample data is not compromised.

The analyst noted a deviation from the Standard Operating Procedure (SOP). Calibration points changed due to carryover. The linear range has been adjusted accordingly.

SOP	Cal points Used
100ug/L	100ug/L
200	200
400	400
1000	600
2000	800
4000	1000
	1500

No other anomalies were observed.

General Chemistry - Percent Moisture
No anomalies were observed.

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
K	Benzo (b&k) fluoranthene are unresolved due to matrix, result is reported as Benzo(b)fluoranthene.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC Semi VOA

Qualifier	Qualifier Description
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits

LCMS

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: Weston Solutions, Inc.
Project/Site: West Ammonium Explosion

TestAmerica Job ID: 280-41262-1

Client Sample ID: WFE01-01-51-20130421 — Lab Sample ID: 280-41262-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	55	J	340	21	ug/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	68	J	340	21	ug/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	160	J K	340	27	ug/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	56	J	340	17	ug/Kg	1	☼	8270C	Total/NA
Bis(2-ethylhexyl) phthalate	390		340	48	ug/Kg	1	☼	8270C	Total/NA
Chrysene	87	J	340	28	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	150	J	340	37	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	58	J	340	18	ug/Kg	1	☼	8270C	Total/NA
Pyrene	130	J	340	13	ug/Kg	1	☼	8270C	Total/NA
Glyphosate	6600	J B	15000	4900	ug/Kg	1	☼	8321A	Total/NA

Client Sample ID: WFE02-01-51-20130421 — Lab Sample ID: 280-41262-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	25	J	390	20	ug/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	120	J	390	24	ug/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	120	J	390	24	ug/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	260	J K	390	31	ug/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	68	J	390	19	ug/Kg	1	☼	8270C	Total/NA
Chrysene	130	J	390	32	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	230	J	390	43	ug/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	130	J	390	26	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	99	J	390	20	ug/Kg	1	☼	8270C	Total/NA
Pyrene	220	J	390	14	ug/Kg	1	☼	8270C	Total/NA

Client Sample ID: WFE03-01-51-20130421 — Lab Sample ID: 280-41262-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	230	J	390	55	ug/Kg	1	☼	8270C	Total/NA
Pyrene	23	J	390	14	ug/Kg	1	☼	8270C	Total/NA
4-Nitrophenol	130	J	1900	120	ug/Kg	1	☼	8270C	Total/NA

Client Sample ID: WFE04-01-51-20130421 — Lab Sample ID: 280-41262-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	22	J	360	22	ug/Kg	1	☼	8270C	Total/NA
Bis(2-ethylhexyl) phthalate	800		360	50	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	60	J	360	39	ug/Kg	1	☼	8270C	Total/NA
Pentachloronitrobenzene	460	J	1800	94	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	75	J	360	19	ug/Kg	1	☼	8270C	Total/NA
Pyrene	75	J	360	13	ug/Kg	1	☼	8270C	Total/NA
Malathion	9.5	J	38	9.3	ug/Kg	1	☼	8141B	Total/NA
Glyphosate	6100	J B	15000	5200	ug/Kg	1	☼	8321A	Total/NA

Client Sample ID: WFE05-01-51-20130421 — Lab Sample ID: 280-41262-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	230	J	390	54	ug/Kg	1	☼	8270C	Total/NA
Pentachloronitrobenzene	1100	J	1900	100	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	42	J	390	20	ug/Kg	1	☼	8270C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Weston Solutions, Inc.
Project/Site: West Ammonium Explosion

TestAmerica Job ID: 280-41262-1

Client Sample ID: WFE05-01-51-20130421 (Continued) — Lab Sample ID: 280-41262-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	38	J	390	14	ug/Kg	1	☼	8270C	Total/NA

Client Sample ID: WFE06-01-51-20130421 — Lab Sample ID: 280-41262-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	150	J	370	51	ug/Kg	1	☼	8270C	Total/NA
Butyl benzyl phthalate	56	J	370	48	ug/Kg	1	☼	8270C	Total/NA
Pyrene	14	J	370	13	ug/Kg	1	☼	8270C	Total/NA

Client Sample ID: WFE07-01-51-20130421 — Lab Sample ID: 280-41262-7

No Detections.

Client Sample ID: WFE07-01-52-20130421 — Lab Sample ID: 280-41262-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	99	J	360	50	ug/Kg	1	☼	8270C	Total/NA

Client Sample ID: WFE08-01-51-20130421 — Lab Sample ID: 280-41262-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	23	J	400	15	ug/Kg	1	☼	8270C	Total/NA

Client Sample ID: WFE09-01-51-20130421 — Lab Sample ID: 280-41262-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	69	J	360	22	ug/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	72	J	360	22	ug/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	150	J K	360	28	ug/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	47	J	360	17	ug/Kg	1	☼	8270C	Total/NA
Bis(2-ethylhexyl) phthalate	120	J	360	50	ug/Kg	1	☼	8270C	Total/NA
Chrysene	86	J	360	29	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	85	J	360	39	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	21	J	360	18	ug/Kg	1	☼	8270C	Total/NA
Pyrene	79	J	360	13	ug/Kg	1	☼	8270C	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Weston Solutions, Inc.
Project/Site: West Ammonium Explosion

TestAmerica Job ID: 280-41262-1

Method	Method Description	Protocol	Laboratory
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL DEN
8141B	Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique	SW846	TAL TAL
8151A	Herbicides (GC)	SW846	TAL DEN
8321A	Iminodoacetic Acid (LC/MS)	SW846	TAL DEN
Moisture	Percent Moisture	EPA	TAL DEN

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL DEN = TestAmerica Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

TAL TAL = TestAmerica Tallahassee, 2846 Industrial Plaza Drive, Tallahassee, FL 32301, TEL (850)878-3994

Sample Summary

Client: Weston Solutions, Inc.
Project/Site: West Ammonium Explosion

TestAmerica Job ID: 280-41262-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
280-41262-1	WFE01-01-51-20130421	Solid	04/21/13 00:54	04/22/13 08:00
280-41262-2	WFE02-01-51-20130421	Solid	04/21/13 02:08	04/22/13 08:00
280-41262-3	WFE03-01-51-20130421	Solid	04/21/13 10:20	04/22/13 08:00
280-41262-4	WFE04-01-51-20130421	Solid	04/21/13 10:45	04/22/13 08:00
280-41262-5	WFE05-01-51-20130421	Solid	04/21/13 11:05	04/22/13 08:00
280-41262-6	WFE06-01-51-20130421	Solid	04/21/13 09:45	04/22/13 08:00
280-41262-7	WFE07-01-51-20130421	Solid	04/21/13 10:00	04/22/13 08:00
280-41262-8	WFE07-01-52-20130421	Solid	04/21/13 10:05	04/22/13 08:00
280-41262-9	WFE08-01-51-20130421	Solid	04/21/13 01:42	04/22/13 08:00
280-41262-10	WFE09-01-51-20130421	Solid	04/21/13 01:13	04/22/13 08:00

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: WFE01-01-51-20130421
Date Collected: 04/21/13 00:54
Date Received: 04/22/13 08:00

Lab Sample ID: 280-41262-1
Matrix: Solid
Percent Solids: 90.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		340	11	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Acenaphthylene	ND		340	18	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Acetophenone	ND		340	21	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Aniline	ND		340	130	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Anthracene	ND		340	18	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Aramite, Total	ND		310	28	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Benzo[a]anthracene	**55**	**J**	340	21	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Benzo[a]pyrene	**68**	**J**	340	21	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Benzo[b]fluoranthene	**160**	**J K**	340	27	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Benzo[g,h,i]perylene	**56**	**J**	340	17	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Benzo[k]fluoranthene	ND	K	340	41	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Benzyl alcohol	ND		340	10	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Bis(2-chloroethoxy)methane	ND		340	24	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Bis(2-chloroethyl)ether	ND		340	17	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Bis(2-ethylhexyl) phthalate	**390**		340	48	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Butyl benzyl phthalate	ND		340	45	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Ethyl 4,4'-Dichlorobenzilate	ND		340	59	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Chrysene	**87**	**J**	340	28	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Diallate	ND		190	25	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Dibenz(a,h)anthracene	ND		340	20	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Dibenzofuran	ND		340	21	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Diethyl phthalate	ND		680	27	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Dimethoate	ND		680	71	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Dimethyl phthalate	ND		340	24	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Di-n-butyl phthalate	ND		340	30	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Di-n-octyl phthalate	ND		340	15	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Diphenylamine	ND		340	46	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Disulfoton	ND		1700	61	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Ethyl methanesulfonate	ND		340	57	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Ethyl Parathion	ND		1700	67	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Fluoranthene	**150**	**J**	340	37	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Fluorene	ND		340	19	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Hexachlorobenzene	ND		340	30	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Hexachlorobutadiene	ND		340	10	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Hexachlorocyclopentadiene	ND		1700	52	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Hexachloroethane	ND		340	22	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Hexachloropropene	ND		3400	50	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Indeno[1,2,3-cd]pyrene	ND		340	23	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Isodrin	ND		340	84	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Isophorone	ND		340	18	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Isosafrole	ND		120	44	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Methapyrilene	ND		1700	100	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Methyl methanesulfonate	ND		340	68	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Methyl parathion	ND		1700	140	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Naphthalene	ND		340	32	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Nitrobenzene	ND		340	23	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
5-Nitro-o-toluidine	ND		680	64	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
N-Nitrosodiethylamine	ND		340	67	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
N-Nitrosodimethylamine	ND		340	38	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WFE01-01-51-20130421 | **Lab Sample ID: 280-41262-1**
Date Collected: 04/21/13 00:54 | **Matrix: Solid**
Date Received: 04/22/13 08:00 | **Percent Solids: 90.9**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-butylamine	ND		340	100	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
N-Nitrosodi-n-propylamine	ND		340	32	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		340	22	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
N-Nitrosomethylethylamine	ND		340	61	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
N-Nitrosomorpholine	ND		340	120	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
N-Nitrosopiperidine	ND		340	75	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
N-Nitrosopyrrolidine	ND		340	66	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Pentachlorobenzene	ND		340	67	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Pentachloroethane	ND		1700	65	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Pentachloronitrobenzene	ND		1700	89	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Pentachlorophenol	ND		1700	340	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Phenacetin	ND		680	78	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Phenol	ND		340	19	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Phenanthrene	**58**	**J**	340	18	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Phorate	ND		1700	61	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Pronamide	ND		340	130	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Pyrene	**130**	**J**	340	13	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Pyridine	ND		680	130	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Thionazin	ND		1700	75	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
1,2,4,5-Tetrachlorobenzene	ND		340	51	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
1,2,4-Trichlorobenzene	ND		340	29	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
1,2-Dichlorobenzene	ND		340	23	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
1,3,5-Trinitrobenzene	ND		1700	260	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
1,3-Dichlorobenzene	ND		340	12	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
1,4-Dichlorobenzene	ND		340	14	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
1-Naphthylamine	ND		340	52	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
1,4-Naphthoquinone	ND		1700	63	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
1,3-Dinitrobenzene	ND		340	74	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
2,3,4,6-Tetrachlorophenol	ND		1700	140	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
2,4,5-Trichlorophenol	ND		340	10	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
2,4,6-Trichlorophenol	ND		340	10	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
2,4-Dichlorophenol	ND		340	10	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
2,4-Dimethylphenol	ND		340	68	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
2,4-Dinitrophenol	ND		1700	350	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
2,4-Dinitrotoluene	ND		340	68	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
2,6-Dinitrotoluene	ND		340	29	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
2-Acetylaminofluorene	ND		3400	190	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
2-Chloronaphthalene	ND		340	10	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
2-Chlorophenol	ND		340	22	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
2-Picoline	ND		680	49	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
2-Toluidine	ND		680	64	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
3 & 4 Methylphenol	ND		340	34	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
3,3'-Dichlorobenzidine	ND		680	93	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
3,3'-Dimethylbenzidine	ND		680	410	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
3-Methylcholanthrene	ND		680	70	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
3-Nitroaniline	ND		1700	76	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
4,6-Dinitro-2-methylphenol	ND		1700	340	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
2-Methylphenol	ND		340	13	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
2-Naphthylamine	ND		340	51	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WFE01-01-51-20130421 — **Lab Sample ID: 280-41262-1**
Date Collected: 04/21/13 00:54 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 90.9**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		1700	52	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
2-Nitrophenol	ND		340	10	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
4-Aminobiphenyl	ND		1700	170	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
4-Bromophenyl phenyl ether	ND		340	20	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
4-Chloro-3-methylphenol	ND		340	68	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
4-Chloroaniline	ND		340	85	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
4-Chlorophenyl phenyl ether	ND		340	22	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
4-Nitroaniline	ND		1700	75	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
4-Nitrophenol	ND		1700	100	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
4-Nitroquinoline-1-oxide	ND		3400	91	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
2-Methylnaphthalene	ND		340	20	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
7,12-Dimethylbenz(a)anthracene	ND		680	44	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
2,6-Dichlorophenol	ND		340	72	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1
Atrazine	ND		340	38	ug/Kg	☼	04/22/13 14:45	04/23/13 15:26	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
2-Pentanone, 4-hydroxy-4-methyl-	*5100*	*T J N*	*ug/Kg*	☼	*2.81*	*123-42-2*	*04/22/13 14:45*	*04/23/13 15:26*	*1*
2-Pentanone, 4-methoxy-4-methyl-	*1300*	*T J N*	*ug/Kg*	☼	*3.27*	*107-70-0*	*04/22/13 14:45*	*04/23/13 15:26*	*1*
1,4-Dichlorobenzene-d4	*2800*	*T J N*	*ug/Kg*	☼	*4.11*	*3855-82-1*	*04/22/13 14:45*	*04/23/13 15:26*	*1*
Tridecanoic acid	*140*	*T J N*	*ug/Kg*	☼	*8.09*	*638-53-9*	*04/22/13 14:45*	*04/23/13 15:26*	*1*
9-Octadecenamide, (Z)-	*530*	*T J N*	*ug/Kg*	☼	*13.69*	*301-2-0*	*04/22/13 14:45*	*04/23/13 15:26*	*1*
Eicosane	*230*	*T J N*	*ug/Kg*	☼	*17.15*	*112-95-8*	*04/22/13 14:45*	*04/23/13 15:26*	*1*
2-Cyclohexene-1-carboxaldehyde, 2,6-dime	*390*	*T J N*	*ug/Kg*	☼	*19.15*	*56772-7-7*	*04/22/13 14:45*	*04/23/13 15:26*	*1*
2-Ethylacridine	*360*	*T J N*	*ug/Kg*	☼	*19.61*	*1000147-64-9*	*04/22/13 14:45*	*04/23/13 15:26*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*81*		*53 - 120*	*04/22/13 14:45*	*04/23/13 15:26*	*1*
Phenol-d5	*83*		*52 - 120*	*04/22/13 14:45*	*04/23/13 15:26*	*1*
Nitrobenzene-d5	*76*		*50 - 120*	*04/22/13 14:45*	*04/23/13 15:26*	*1*
2-Fluorobiphenyl	*83*		*50 - 120*	*04/22/13 14:45*	*04/23/13 15:26*	*1*
2,4,6-Tribromophenol	*82*		*51 - 120*	*04/22/13 14:45*	*04/23/13 15:26*	*1*
Terphenyl-d14	*97*		*55 - 120*	*04/22/13 14:45*	*04/23/13 15:26*	*1*

Client Sample ID: WFE02-01-51-20130421 — **Lab Sample ID: 280-41262-2**
Date Collected: 04/21/13 02:08 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 83.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		390	12	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Acenaphthylene	ND		390	20	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Acetophenone	ND		390	24	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Aniline	ND		390	150	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Anthracene	**25**	**J**	390	20	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Aramite, Total	ND		360	32	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Benzo[a]anthracene	**120**	**J**	390	24	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Benzo[a]pyrene	**120**	**J**	390	24	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Benzo[b]fluoranthene	**260**	**J K**	390	31	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Benzo[g,h,i]perylene	**68**	**J**	390	19	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Benzo[k]fluoranthene	ND	K	390	48	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Benzyl alcohol	ND		390	12	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WFE02-01-51-20130421 | **Lab Sample ID: 280-41262-2**
Date Collected: 04/21/13 02:08 | **Matrix: Solid**
Date Received: 04/22/13 08:00 | **Percent Solids: 83.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	ND		390	27	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Bis(2-chloroethyl)ether	ND		390	20	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Bis(2-ethylhexyl) phthalate	ND		390	55	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Butyl benzyl phthalate	ND		390	51	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Ethyl 4,4'-Dichlorobenzilate	ND		390	68	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Chrysene	**130**	**J**	390	32	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Diallate	ND		220	29	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Dibenz(a,h)anthracene	ND		390	23	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Dibenzofuran	ND		390	24	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Diethyl phthalate	ND		790	31	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Dimethoate	ND		790	81	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Dimethyl phthalate	ND		390	27	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Di-n-butyl phthalate	ND		390	35	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Di-n-octyl phthalate	ND		390	17	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Diphenylamine	ND		390	52	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Disulfoton	ND		1900	70	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Ethyl methanesulfonate	ND		390	66	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Ethyl Parathion	ND		1900	77	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Fluoranthene	**230**	**J**	390	43	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Fluorene	ND		390	21	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Hexachlorobenzene	ND		390	35	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Hexachlorobutadiene	ND		390	12	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Hexachlorocyclopentadiene	ND		1900	60	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Hexachloroethane	ND		390	25	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Hexachloropropene	ND		3900	57	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Indeno[1,2,3-cd]pyrene	**130**	**J**	390	26	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Isodrin	ND		390	96	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Isophorone	ND		390	20	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Isosafrole	ND		140	50	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Methapyrilene	ND		1900	120	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Methyl methanesulfonate	ND		390	79	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Methyl parathion	ND		1900	160	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Naphthalene	ND		390	37	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Nitrobenzene	ND		390	26	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
5-Nitro-o-toluidine	ND		790	74	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
N-Nitrosodiethylamine	ND		390	77	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
N-Nitrosodimethylamine	ND		390	44	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
N-Nitrosodi-n-butylamine	ND		390	120	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
N-Nitrosodi-n-propylamine	ND		390	37	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		390	25	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
N-Nitrosomethylethylamine	ND		390	70	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
N-Nitrosomorpholine	ND		390	140	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
N-Nitrosopiperidine	ND		390	86	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
N-Nitrosopyrrolidine	ND		390	76	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Pentachlorobenzene	ND		390	77	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Pentachloroethane	ND		1900	75	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Pentachloronitrobenzene	ND		1900	100	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Pentachlorophenol	ND		1900	390	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Phenacetin	ND		790	89	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WFE02-01-51-20130421
Date Collected: 04/21/13 02:08
Date Received: 04/22/13 08:00

Lab Sample ID: 280-41262-2
Matrix: Solid
Percent Solids: 83.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		390	21	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Phenanthrene	**99**	**J**	390	20	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Phorate	ND		1900	70	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Pronamide	ND		390	150	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Pyrene	**220**	**J**	390	14	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Pyridine	ND		790	150	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Thionazin	ND		1900	86	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
1,2,4,5-Tetrachlorobenzene	ND		390	58	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
1,2,4-Trichlorobenzene	ND		390	33	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
1,2-Dichlorobenzene	ND		390	26	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
1,3,5-Trinitrobenzene	ND		1900	300	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
1,3-Dichlorobenzene	ND		390	14	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
1,4-Dichlorobenzene	ND		390	16	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
1-Naphthylamine	ND		390	60	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
1,4-Naphthoquinone	ND		1900	73	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
1,3-Dinitrobenzene	ND		390	85	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
2,3,4,6-Tetrachlorophenol	ND		1900	160	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
2,4,5-Trichlorophenol	ND		390	12	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
2,4,6-Trichlorophenol	ND		390	12	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
2,4-Dichlorophenol	ND		390	12	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
2,4-Dimethylphenol	ND		390	79	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
2,4-Dinitrophenol	ND		1900	400	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
2,4-Dinitrotoluene	ND		390	79	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
2,6-Dinitrotoluene	ND		390	33	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
2-Acetylaminofluorene	ND		3900	210	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
2-Chloronaphthalene	ND		390	12	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
2-Chlorophenol	ND		390	25	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
2-Picoline	ND		790	56	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
2-Toluidine	ND		790	74	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
3 & 4 Methylphenol	ND		390	39	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
3,3'-Dichlorobenzidine	ND		790	110	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
3,3'-Dimethylbenzidine	ND		790	480	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
3-Methylcholanthrene	ND		790	80	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
3-Nitroaniline	ND		1900	87	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
4,6-Dinitro-2-methylphenol	ND		1900	390	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
2-Methylphenol	ND		390	15	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
2-Naphthylamine	ND		390	58	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
2-Nitroaniline	ND		1900	60	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
2-Nitrophenol	ND		390	12	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
4-Aminobiphenyl	ND		1900	190	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
4-Bromophenyl phenyl ether	ND		390	23	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
4-Chloro-3-methylphenol	ND		390	79	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
4-Chloroaniline	ND		390	98	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
4-Chlorophenyl phenyl ether	ND		390	25	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
4-Nitroaniline	ND		1900	86	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
4-Nitrophenol	ND		1900	120	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
4-Nitroquinoline-1-oxide	ND		3900	100	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
2-Methylnaphthalene	ND		390	23	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
7,12-Dimethylbenz(a)anthracene	ND		790	50	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WFE02-01-51-20130421 — **Lab Sample ID: 280-41262-2**
Date Collected: 04/21/13 02:08 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 83.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dichlorophenol	ND		390	82	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1
Atrazine	ND		390	44	ug/Kg	☼	04/22/13 14:45	04/23/13 15:53	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
3-Hexen-2-one	*330*	*T J N*	*ug/Kg*	☼	*2.51*	*763-93-9*	*04/22/13 14:45*	*04/23/13 15:53*	*1*
2-Pentanone, 4-hydroxy-4-methyl-	*7100*	*T J N*	*ug/Kg*	☼	*2.81*	*123-42-2*	*04/22/13 14:45*	*04/23/13 15:53*	*1*
2-Pentanone, 4-methoxy-4-methyl-	*2100*	*T J N*	*ug/Kg*	☼	*3.26*	*107-70-0*	*04/22/13 14:45*	*04/23/13 15:53*	*1*
Benzene-1,2,3,4-d4-, 5,6-dichloro-	*3400*	*T J N*	*ug/Kg*	☼	*4.11*	*2199-69-1*	*04/22/13 14:45*	*04/23/13 15:53*	*1*
9-Octadecenamide, (Z)-	*740*	*T J N*	*ug/Kg*	☼	*13.69*	*301-2-0*	*04/22/13 14:45*	*04/23/13 15:53*	*1*
2-Methyl-3-(3-methyl-but-2-enyl)-2-(4-me	*300*	*T J N*	*ug/Kg*	☼	*13.95*	*1000144-10-2*	*04/22/13 14:45*	*04/23/13 15:53*	*1*
Hexatriacontane	*720*	*T J N*	*ug/Kg*	☼	*14.81*	*630-6-8*	*04/22/13 14:45*	*04/23/13 15:53*	*1*
Unknown	*1900*	*T J*	*ug/Kg*	☼	*17.22*		*04/22/13 14:45*	*04/23/13 15:53*	*1*
Vitamin E	*620*	*T J N*	*ug/Kg*	☼	*17.72*	*59-2-9*	*04/22/13 14:45*	*04/23/13 15:53*	*1*
Cholesterol	*250*	*T J N*	*ug/Kg*	☼	*17.85*	*57-88-5*	*04/22/13 14:45*	*04/23/13 15:53*	*1*
1H-Indene, 5-butyl-6-hexyloctahydro-	*580*	*T J N*	*ug/Kg*	☼	*19.14*	*55044-36-5*	*04/22/13 14:45*	*04/23/13 15:53*	*1*
Stigmasterol	*760*	*T J N*	*ug/Kg*	☼	*19.21*	*83-48-7*	*04/22/13 14:45*	*04/23/13 15:53*	*1*
Urea, 3-(2-chloro-p-tolyl)-1,1-diethyl-	*320*	*T J N*	*ug/Kg*	☼	*19.53*	*15441-96-0*	*04/22/13 14:45*	*04/23/13 15:53*	*1*
.gamma.-Sitosterol	*4100*	*T J N*	*ug/Kg*	☼	*19.63*	*83-47-6*	*04/22/13 14:45*	*04/23/13 15:53*	*1*
Ergost-25-ene-3,5,6,12-tetrol, (3.beta.,	*560*	*T J N*	*ug/Kg*	☼	*19.71*	*56052-97-2*	*04/22/13 14:45*	*04/23/13 15:53*	*1*
2H-Cyclopropa[a]naphthalen-2-one, 1,1a,4	*520*	*T J N*	*ug/Kg*	☼	*19.78*	*6831-17-0*	*04/22/13 14:45*	*04/23/13 15:53*	*1*
Zinc, dicyclopentyl-	*290*	*T J N*	*ug/Kg*	☼	*19.89*	*20525-74-0*	*04/22/13 14:45*	*04/23/13 15:53*	*1*
3,7,11-Trimethyl-dodeca-2,4,6,10-tetraen	*250*	*T J N*	*ug/Kg*	☼	*19.94*	*13832-89-8*	*04/22/13 14:45*	*04/23/13 15:53*	*1*
26,27-Dinorergosta-5,23-dien-3-ol, (3.be	*310*	*T J N*	*ug/Kg*	☼	*20.03*	*35882-88-3*	*04/22/13 14:45*	*04/23/13 15:53*	*1*
1-Naphthalenepropanol, .alpha. -ethenylde	*490*	*T J N*	*ug/Kg*	☼	*20.07*	*3650-30-4*	*04/22/13 14:45*	*04/23/13 15:53*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*87*		*53 - 120*	*04/22/13 14:45*	*04/23/13 15:53*	*1*
Phenol-d5	*90*		*52 - 120*	*04/22/13 14:45*	*04/23/13 15:53*	*1*
Nitrobenzene-d5	*84*		*50 - 120*	*04/22/13 14:45*	*04/23/13 15:53*	*1*
2-Fluorobiphenyl	*86*		*50 - 120*	*04/22/13 14:45*	*04/23/13 15:53*	*1*
2,4,6-Tribromophenol	*81*		*51 - 120*	*04/22/13 14:45*	*04/23/13 15:53*	*1*
Terphenyl-d14	*99*		*55 - 120*	*04/22/13 14:45*	*04/23/13 15:53*	*1*

Client Sample ID: WFE03-01-51-20130421 — **Lab Sample ID: 280-41262-3**
Date Collected: 04/21/13 10:20 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 81.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		390	12	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Acenaphthylene	ND		390	20	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Acetophenone	ND		390	24	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Aniline	ND		390	150	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Anthracene	ND		390	20	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Aramite, Total	ND		360	32	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Benzo[a]anthracene	ND		390	24	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Benzo[a]pyrene	ND		390	24	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Benzo[b]fluoranthene	ND		390	31	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WFE03-01-51-20130421 — **Lab Sample ID: 280-41262-3**
Date Collected: 04/21/13 10:20 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 81.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	ND		390	19	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Benzo[k]fluoranthene	ND		390	48	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Benzyl alcohol	ND		390	12	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Bis(2-chloroethoxy)methane	ND		390	27	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Bis(2-chloroethyl)ether	ND		390	20	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Bis(2-ethylhexyl) phthalate	**230**	**J**	390	55	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Butyl benzyl phthalate	ND		390	51	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Ethyl 4,4'-Dichlorobenzilate	ND		390	68	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Chrysene	ND		390	32	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Diallate	ND		220	29	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Dibenz(a,h)anthracene	ND		390	23	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Dibenzofuran	ND		390	24	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Diethyl phthalate	ND		780	31	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Dimethoate	ND		780	81	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Dimethyl phthalate	ND		390	27	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Di-n-butyl phthalate	ND		390	34	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Di-n-octyl phthalate	ND		390	17	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Diphenylamine	ND		390	52	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Disulfoton	ND		1900	70	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Ethyl methanesulfonate	ND		390	65	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Ethyl Parathion	ND		1900	77	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Fluoranthene	ND		390	43	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Fluorene	ND		390	21	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Hexachlorobenzene	ND		390	34	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Hexachlorobutadiene	ND		390	12	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Hexachlorocyclopentadiene	ND		1900	59	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Hexachloroethane	ND		390	25	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Hexachloropropene	ND		3900	57	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Indeno[1,2,3-cd]pyrene	ND		390	26	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Isodrin	ND		390	96	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Isophorone	ND		390	20	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Isosafrole	ND		140	50	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Methapyrilene	ND		1900	120	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Methyl methanesulfonate	ND		390	78	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Methyl parathion	ND		1900	160	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Naphthalene	ND		390	37	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Nitrobenzene	ND		390	26	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
5-Nitro-o-toluidine	ND		780	74	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
N-Nitrosodiethylamine	ND		390	77	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
N-Nitrosodimethylamine	ND		390	44	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
N-Nitrosodi-n-butylamine	ND		390	110	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
N-Nitrosodi-n-propylamine	ND		390	37	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		390	25	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
N-Nitrosomethylethylamine	ND		390	70	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
N-Nitrosomorpholine	ND		390	140	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
N-Nitrosopiperidine	ND		390	86	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
N-Nitrosopyrrolidine	ND		390	76	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Pentachlorobenzene	ND		390	77	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Pentachloroethane	ND		1900	75	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WFE03-01-51-20130421 | **Lab Sample ID: 280-41262-3**
Date Collected: 04/21/13 10:20 | **Matrix: Solid**
Date Received: 04/22/13 08:00 | **Percent Solids: 81.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachloronitrobenzene	ND		1900	100	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Pentachlorophenol	ND		1900	390	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Phenacetin	ND		780	89	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Phenol	ND		390	21	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Phenanthrene	ND		390	20	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Phorate	ND		1900	70	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Pronamide	ND		390	150	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Pyrene	**23**	**J**	390	14	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Pyridine	ND		780	150	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Thionazin	ND		1900	86	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
1,2,4,5-Tetrachlorobenzene	ND		390	58	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
1,2,4-Trichlorobenzene	ND		390	33	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
1,2-Dichlorobenzene	ND		390	26	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
1,3,5-Trinitrobenzene	ND		1900	300	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
1,3-Dichlorobenzene	ND		390	14	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
1,4-Dichlorobenzene	ND		390	16	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
1-Naphthylamine	ND		390	59	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
1,4-Naphthoquinone	ND		1900	72	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
1,3-Dinitrobenzene	ND		390	84	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
2,3,4,6-Tetrachlorophenol	ND		1900	160	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
2,4,5-Trichlorophenol	ND		390	12	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
2,4,6-Trichlorophenol	ND		390	12	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
2,4-Dichlorophenol	ND		390	12	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
2,4-Dimethylphenol	ND		390	78	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
2,4-Dinitrophenol	ND		1900	400	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
2,4-Dinitrotoluene	ND		390	78	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
2,6-Dinitrotoluene	ND		390	33	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
2-Acetylaminofluorene	ND		3900	210	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
2-Chloronaphthalene	ND		390	12	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
2-Chlorophenol	ND		390	25	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
2-Picoline	ND		780	56	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
2-Toluidine	ND		780	74	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
3 & 4 Methylphenol	ND		390	39	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
3,3'-Dichlorobenzidine	ND		780	110	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
3,3'-Dimethylbenzidine	ND		780	480	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
3-Methylcholanthrene	ND		780	80	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
3-Nitroaniline	ND		1900	87	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
4,6-Dinitro-2-methylphenol	ND		1900	390	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
2-Methylphenol	ND		390	15	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
2-Naphthylamine	ND		390	58	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
2-Nitroaniline	ND		1900	59	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
2-Nitrophenol	ND		390	12	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
4-Aminobiphenyl	ND		1900	190	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
4-Bromophenyl phenyl ether	ND		390	23	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
4-Chloro-3-methylphenol	ND		390	78	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
4-Chloroaniline	ND		390	97	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
4-Chlorophenyl phenyl ether	ND		390	25	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
4-Nitroaniline	ND		1900	86	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
4-Nitrophenol	**130**	**J**	1900	120	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WFE03-01-51-20130421 — **Lab Sample ID: 280-41262-3**
Date Collected: 04/21/13 10:20 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 81.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroquinoline-1-oxide	ND		3900	100	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
2-Methylnaphthalene	ND		390	23	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
7,12-Dimethylbenz(a)anthracene	ND		780	50	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
2,6-Dichlorophenol	ND		390	82	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1
Atrazine	ND		390	44	ug/Kg	☼	04/22/13 14:45	04/23/13 16:20	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
2-Pentanone, 4-hydroxy-4-methyl-	*5400*	*T J N*	*ug/Kg*	☼	*2.81*	*123-42-2*	*04/22/13 14:45*	*04/23/13 16:20*	*1*
2-Pentanone, 4-methoxy-4-methyl-	*1500*	*T J N*	*ug/Kg*	☼	*3.26*	*107-70-0*	*04/22/13 14:45*	*04/23/13 16:20*	*1*
Benzene-1,2,3,4-d4-, 5,6-dichloro-	*3000*	*T J N*	*ug/Kg*	☼	*4.11*	*2199-69-1*	*04/22/13 14:45*	*04/23/13 16:20*	*1*
Bicyclo[3.1.1]heptane, 2,6,6-trimethyl-	*300*	*T J N*	*ug/Kg*	☼	*7.66*	*473-55-2*	*04/22/13 14:45*	*04/23/13 16:20*	*1*
n-Hexadecanoic acid	*1500*	*T J N*	*ug/Kg*	☼	*8.10*	*57-10-3*	*04/22/13 14:45*	*04/23/13 16:20*	*1*
9-Octadecenoic acid, (E)-	*1100*	*T J N*	*ug/Kg*	☼	*8.85*	*112-79-8*	*04/22/13 14:45*	*04/23/13 16:20*	*1*
Cycloeicosane	*330*	*T J N*	*ug/Kg*	☼	*10.07*	*296-56-0*	*04/22/13 14:45*	*04/23/13 16:20*	*1*
9-Octadecenamide, (Z)-	*1400*	*T J N*	*ug/Kg*	☼	*10.17*	*301-2-0*	*04/22/13 14:45*	*04/23/13 16:20*	*1*
Coumarin-6-ol, 4,4,7-trimethyl-5-nitro-3	*490*	*T J N*	*ug/Kg*	☼	*15.97*	*1000126-43-9*	*04/22/13 14:45*	*04/23/13 16:20*	*1*
Vitamin e	*580*	*T J N*	*ug/Kg*	☼	*17.72*	*10191-41-0*	*04/22/13 14:45*	*04/23/13 16:20*	*1*
4-Tetradecene, 2,3,4-trimethyl-	*900*	*T J N*	*ug/Kg*	☼	*18.38*	*55103-81-6*	*04/22/13 14:45*	*04/23/13 16:20*	*1*
5-Cholestene-3-ol, 24-methyl-	*1600*	*T J N*	*ug/Kg*	☼	*19.01*	*1000214-17-4*	*04/22/13 14:45*	*04/23/13 16:20*	*1*
1-Formyl-2,2-dimethyl-3-trans-(3-methyl-	*920*	*T J N*	*ug/Kg*	☼	*19.14*	*1000144-9-7*	*04/22/13 14:45*	*04/23/13 16:20*	*1*
Stigmasterol	*1600*	*T J N*	*ug/Kg*	☼	*19.22*	*83-48-7*	*04/22/13 14:45*	*04/23/13 16:20*	*1*
1-(2-Furoyl)piperazine	*290*	*T J N*	*ug/Kg*	☼	*19.41*	*1000122-86-8*	*04/22/13 14:45*	*04/23/13 16:20*	*1*
2(1H)-Naphthalenone, octahydro-4a-methyl	*570*	*T J N*	*ug/Kg*	☼	*19.71*	*54594-42-2*	*04/22/13 14:45*	*04/23/13 16:20*	*1*
26,27-Dinorergosta-5,23-dien-3-ol, (3.be	*1400*	*T J N*	*ug/Kg*	☼	*19.79*	*35882-88-3*	*04/22/13 14:45*	*04/23/13 16:20*	*1*
Unknown	*520*	*T J*	*ug/Kg*	☼	*19.88*		*04/22/13 14:45*	*04/23/13 16:20*	*1*
Cholestan-3-one, 4,4-dimethyl-, (5.alpha	*550*	*T J N*	*ug/Kg*	☼	*19.94*	*2097-85-0*	*04/22/13 14:45*	*04/23/13 16:20*	*1*
26,27-Dinorergosta-5,23-dien-3-ol, (3.be	*930*	*T J N*	*ug/Kg*	☼	*20.03*	*35882-88-3*	*04/22/13 14:45*	*04/23/13 16:20*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*79*		*53 - 120*	*04/22/13 14:45*	*04/23/13 16:20*	*1*
Phenol-d5	*83*		*52 - 120*	*04/22/13 14:45*	*04/23/13 16:20*	*1*
Nitrobenzene-d5	*75*		*50 - 120*	*04/22/13 14:45*	*04/23/13 16:20*	*1*
2-Fluorobiphenyl	*78*		*50 - 120*	*04/22/13 14:45*	*04/23/13 16:20*	*1*
2,4,6-Tribromophenol	*79*		*51 - 120*	*04/22/13 14:45*	*04/23/13 16:20*	*1*
Terphenyl-d14	*97*		*55 - 120*	*04/22/13 14:45*	*04/23/13 16:20*	*1*

Client Sample ID: WFE04-01-51-20130421 — **Lab Sample ID: 280-41262-4**
Date Collected: 04/21/13 10:45 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 87.1**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		360	11	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Acenaphthylene	ND		360	19	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Acetophenone	ND		360	22	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WFE04-01-51-20130421
Date Collected: 04/21/13 10:45
Date Received: 04/22/13 08:00

Lab Sample ID: 280-41262-4
Matrix: Solid
Percent Solids: 87.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aniline	ND		360	140	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Anthracene	ND		360	19	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Aramite, Total	ND		330	30	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Benzo[a]anthracene	**22**	**J**	360	22	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Benzo[a]pyrene	ND		360	22	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Benzo[b]fluoranthene	ND		360	29	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Benzo[g,h,i]perylene	ND		360	18	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Benzo[k]fluoranthene	ND		360	44	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Benzyl alcohol	ND		360	11	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Bis(2-chloroethoxy)methane	ND		360	25	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Bis(2-chloroethyl)ether	ND		360	18	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Bis(2-ethylhexyl) phthalate	**800**		360	50	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Butyl benzyl phthalate	ND		360	47	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Ethyl 4,4'-Dichlorobenzilate	ND		360	63	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Chrysene	ND		360	30	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Diallate	ND		200	26	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Dibenz(a,h)anthracene	ND		360	21	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Dibenzofuran	ND		360	22	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Diethyl phthalate	ND		720	29	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Dimethoate	ND		720	75	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Dimethyl phthalate	ND		360	25	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Di-n-butyl phthalate	ND		360	32	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Di-n-octyl phthalate	ND		360	16	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Diphenylamine	ND		360	48	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Disulfoton	ND		1800	65	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Ethyl methanesulfonate	ND		360	60	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Ethyl Parathion	ND		1800	71	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Fluoranthene	**60**	**J**	360	39	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Fluorene	ND		360	20	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Hexachlorobenzene	ND		360	32	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Hexachlorobutadiene	ND		360	11	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Hexachlorocyclopentadiene	ND		1800	55	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Hexachloroethane	ND		360	23	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Hexachloropropene	ND		3600	53	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Indeno[1,2,3-cd]pyrene	ND		360	24	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Isodrin	ND		360	89	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Isophorone	ND		360	19	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Isosafrole	ND		130	46	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Methapyrilene	ND		1800	110	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Methyl methanesulfonate	ND		360	72	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Methyl parathion	ND		1800	150	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Naphthalene	ND		360	34	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Nitrobenzene	ND		360	24	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
5-Nitro-o-toluidine	ND		720	68	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
N-Nitrosodiethylamine	ND		360	71	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
N-Nitrosodimethylamine	ND		360	41	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
N-Nitrosodi-n-butylamine	ND		360	110	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
N-Nitrosodi-n-propylamine	ND		360	34	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		360	23	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WFE04-01-51-20130421
Date Collected: 04/21/13 10:45
Date Received: 04/22/13 08:00

Lab Sample ID: 280-41262-4
Matrix: Solid
Percent Solids: 87.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosomethylethylamine	ND		360	65	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
N-Nitrosomorpholine	ND		360	130	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
N-Nitrosopiperidine	ND		360	79	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
N-Nitrosopyrrolidine	ND		360	70	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Pentachlorobenzene	ND		360	71	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Pentachloroethane	ND		1800	69	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Pentachloronitrobenzene	**460**	**J**	1800	94	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Pentachlorophenol	ND		1800	360	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Phenacetin	ND		720	82	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Phenol	ND		360	20	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Phenanthrene	**75**	**J**	360	19	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Phorate	ND		1800	65	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Pronamide	ND		360	140	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Pyrene	**75**	**J**	360	13	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Pyridine	ND		720	140	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Thionazin	ND		1800	79	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
1,2,4,5-Tetrachlorobenzene	ND		360	54	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
1,2,4-Trichlorobenzene	ND		360	31	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
1,2-Dichlorobenzene	ND		360	24	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
1,3,5-Trinitrobenzene	ND		1800	270	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
1,3-Dichlorobenzene	ND		360	13	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
1,4-Dichlorobenzene	ND		360	15	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
1-Naphthylamine	ND		360	55	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
1,4-Naphthoquinone	ND		1800	67	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
1,3-Dinitrobenzene	ND		360	78	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
2,3,4,6-Tetrachlorophenol	ND		1800	150	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
2,4,5-Trichlorophenol	ND		360	11	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
2,4,6-Trichlorophenol	ND		360	11	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
2,4-Dichlorophenol	ND		360	11	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
2,4-Dimethylphenol	ND		360	72	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
2,4-Dinitrophenol	ND		1800	370	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
2,4-Dinitrotoluene	ND		360	72	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
2,6-Dinitrotoluene	ND		360	31	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
2-Acetylaminofluorene	ND		3600	200	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
2-Chloronaphthalene	ND		360	11	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
2-Chlorophenol	ND		360	23	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
2-Picoline	ND		720	52	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
2-Toluidine	ND		720	68	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
3 & 4 Methylphenol	ND		360	36	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
3,3'-Dichlorobenzidine	ND		720	99	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
3,3'-Dimethylbenzidine	ND		720	440	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
3-Methylcholanthrene	ND		720	73	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
3-Nitroaniline	ND		1800	80	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
4,6-Dinitro-2-methylphenol	ND		1800	360	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
2-Methylphenol	ND		360	14	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
2-Naphthylamine	ND		360	54	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
2-Nitroaniline	ND		1800	55	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
2-Nitrophenol	ND		360	11	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
4-Aminobiphenyl	ND		1800	180	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WFE04-01-51-20130421 — **Lab Sample ID: 280-41262-4**
Date Collected: 04/21/13 10:45 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 87.1**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	ND		360	21	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
4-Chloro-3-methylphenol	ND		360	72	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
4-Chloroaniline	ND		360	90	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
4-Chlorophenyl phenyl ether	ND		360	23	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
4-Nitroaniline	ND		1800	80	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
4-Nitrophenol	ND		1800	110	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
4-Nitroquinoline-1-oxide	ND		3600	96	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
2-Methylnaphthalene	ND		360	21	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
7,12-Dimethylbenz(a)anthracene	ND		720	46	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
2,6-Dichlorophenol	ND		360	76	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1
Atrazine	ND		360	41	ug/Kg	☼	04/22/13 14:45	04/23/13 16:47	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
2-Pentanone, 4-hydroxy-4-methyl-	*6500*	*T J N*	*ug/Kg*	☼	*2.81*	*123-42-2*	*04/22/13 14:45*	*04/23/13 16:47*	*1*
2-Pentanone, 4-methoxy-4-methyl-	*1900*	*T J N*	*ug/Kg*	☼	*3.27*	*107-70-0*	*04/22/13 14:45*	*04/23/13 16:47*	*1*
1,4-Dichlorobenzene-d4	*3000*	*T J N*	*ug/Kg*	☼	*4.12*	*3855-82-1*	*04/22/13 14:45*	*04/23/13 16:47*	*1*
Carbamic acid, (1,3-dithian-2-ylmethyl)-	*650*	*T J N*	*ug/Kg*	☼	*6.65*	*139540-22-0*	*04/22/13 14:45*	*04/23/13 16:47*	*1*
n-Hexadecanoic acid	*5200*	*T J N*	*ug/Kg*	☼	*8.11*	*57-10-3*	*04/22/13 14:45*	*04/23/13 16:47*	*1*
Oleic Acid	*19000*	*T J N*	*ug/Kg*	☼	*8.88*	*112-80-1*	*04/22/13 14:45*	*04/23/13 16:47*	*1*
9-Octadecenamide, (Z)-	*1800*	*T J N*	*ug/Kg*	☼	*10.17*	*301-2-0*	*04/22/13 14:45*	*04/23/13 16:47*	*1*
Dotriacontane	*1200*	*T J N*	*ug/Kg*	☼	*14.82*	*544-85-4*	*04/22/13 14:45*	*04/23/13 16:47*	*1*
Eicosane	*460*	*T J N*	*ug/Kg*	☼	*15.97*	*112-95-8*	*04/22/13 14:45*	*04/23/13 16:47*	*1*
Tricosane	*1800*	*T J N*	*ug/Kg*	☼	*17.17*	*638-67-5*	*04/22/13 14:45*	*04/23/13 16:47*	*1*
1-Buten-1-ol, 2-methyl-4-(2,6,6-trimethy	*750*	*T J N*	*ug/Kg*	☼	*18.37*	*21730-91-6*	*04/22/13 14:45*	*04/23/13 16:47*	*1*
Ergosterol	*1200*	*T J N*	*ug/Kg*	☼	*18.80*	*57-87-4*	*04/22/13 14:45*	*04/23/13 16:47*	*1*
Ergost-5-en-3-ol, (3.beta.)-	*1300*	*T J N*	*ug/Kg*	☼	*19.03*	*4651-51-8*	*04/22/13 14:45*	*04/23/13 16:47*	*1*
Stigmasterol	*1200*	*T J N*	*ug/Kg*	☼	*19.22*	*83-48-7*	*04/22/13 14:45*	*04/23/13 16:47*	*1*
Heptacosane	*450*	*T J N*	*ug/Kg*	☼	*19.29*	*593-49-7*	*04/22/13 14:45*	*04/23/13 16:47*	*1*
.gamma.-Sitosterol	*7000*	*T J N*	*ug/Kg*	☼	*19.63*	*83-47-6*	*04/22/13 14:45*	*04/23/13 16:47*	*1*
2,4-Dioxabicyclo[3.2.1]octane, 6,7-dimet	*470*	*T J N*	*ug/Kg*	☼	*19.72*	*55821-20-0*	*04/22/13 14:45*	*04/23/13 16:47*	*1*
D:C-Friedooleanan-3-one	*980*	*T J N*	*ug/Kg*	☼	*19.79*	*5945-53-9*	*04/22/13 14:45*	*04/23/13 16:47*	*1*
Anthracene, 9-(2-propenyl)-	*910*	*T J N*	*ug/Kg*	☼	*19.96*	*23707-65-5*	*04/22/13 14:45*	*04/23/13 16:47*	*1*
Ergost-25-ene-3,5,6,12-tetrol, (3.beta.,	*680*	*T J N*	*ug/Kg*	☼	*20.03*	*56052-97-2*	*04/22/13 14:45*	*04/23/13 16:47*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*85*		*53 - 120*	*04/22/13 14:45*	*04/23/13 16:47*	*1*
Phenol-d5	*87*		*52 - 120*	*04/22/13 14:45*	*04/23/13 16:47*	*1*
Nitrobenzene-d5	*80*		*50 - 120*	*04/22/13 14:45*	*04/23/13 16:47*	*1*
2-Fluorobiphenyl	*85*		*50 - 120*	*04/22/13 14:45*	*04/23/13 16:47*	*1*
2,4,6-Tribromophenol	*86*		*51 - 120*	*04/22/13 14:45*	*04/23/13 16:47*	*1*
Terphenyl-d14	*106*		*55 - 120*	*04/22/13 14:45*	*04/23/13 16:47*	*1*

Client Sample ID: WFE05-01-51-20130421 — **Lab Sample ID: 280-41262-5**
Date Collected: 04/21/13 11:05 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 82.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		390	12	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WFE05-01-51-20130421 — **Lab Sample ID: 280-41262-5**
Date Collected: 04/21/13 11:05 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 82.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	ND		390	20	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Acetophenone	ND		390	23	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Aniline	ND		390	150	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Anthracene	ND		390	20	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Aramite, Total	ND		350	32	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Benzo[a]anthracene	ND		390	23	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Benzo[a]pyrene	ND		390	23	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Benzo[b]fluoranthene	ND		390	31	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Benzo[g,h,i]perylene	ND		390	19	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Benzo[k]fluoranthene	ND		390	47	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Benzyl alcohol	ND		390	12	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Bis(2-chloroethoxy)methane	ND		390	27	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Bis(2-chloroethyl)ether	ND		390	19	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Bis(2-ethylhexyl) phthalate	**230**	**J**	390	54	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Butyl benzyl phthalate	ND		390	50	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Ethyl 4,4'-Dichlorobenzilate	ND		390	67	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Chrysene	ND		390	32	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Diallate	ND		220	28	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Dibenz(a,h)anthracene	ND		390	22	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Dibenzofuran	ND		390	23	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Diethyl phthalate	ND		770	30	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Dimethoate	ND		770	80	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Dimethyl phthalate	ND		390	27	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Di-n-butyl phthalate	ND		390	34	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Di-n-octyl phthalate	ND		390	17	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Diphenylamine	ND		390	51	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Disulfoton	ND		1900	69	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Ethyl methanesulfonate	ND		390	64	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Ethyl Parathion	ND		1900	76	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Fluoranthene	ND		390	42	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Fluorene	ND		390	21	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Hexachlorobenzene	ND		390	34	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Hexachlorobutadiene	ND		390	12	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Hexachlorocyclopentadiene	ND		1900	59	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Hexachloroethane	ND		390	25	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Hexachloropropene	ND		3900	56	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Indeno[1,2,3-cd]pyrene	ND		390	26	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Isodrin	ND		390	95	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Isophorone	ND		390	20	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Isosafrole	ND		140	49	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Methapyrilene	ND		1900	120	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Methyl methanesulfonate	ND		390	77	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Methyl parathion	ND		1900	160	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Naphthalene	ND		390	36	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Nitrobenzene	ND		390	26	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
5-Nitro-o-toluidine	ND		770	73	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
N-Nitrosodiethylamine	ND		390	76	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
N-Nitrosodimethylamine	ND		390	43	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
N-Nitrosodi-n-butylamine	ND		390	110	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WFE05-01-51-20130421 — **Lab Sample ID: 280-41262-5**
Date Collected: 04/21/13 11:05 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 82.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	ND		390	36	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		390	25	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
N-Nitrosomethylethylamine	ND		390	69	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
N-Nitrosomorpholine	ND		390	140	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
N-Nitrosopiperidine	ND		390	84	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
N-Nitrosopyrrolidine	ND		390	75	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Pentachlorobenzene	ND		390	76	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Pentachloroethane	ND		1900	74	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Pentachloronitrobenzene	**1100**	**J**	1900	100	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Pentachlorophenol	ND		1900	390	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Phenacetin	ND		770	88	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Phenol	ND		390	21	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Phenanthrene	**42**	**J**	390	20	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Phorate	ND		1900	69	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Pronamide	ND		390	150	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Pyrene	**38**	**J**	390	14	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Pyridine	ND		770	150	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Thionazin	ND		1900	84	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
1,2,4,5-Tetrachlorobenzene	ND		390	57	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
1,2,4-Trichlorobenzene	ND		390	33	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
1,2-Dichlorobenzene	ND		390	26	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
1,3,5-Trinitrobenzene	ND		1900	290	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
1,3-Dichlorobenzene	ND		390	14	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
1,4-Dichlorobenzene	ND		390	16	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
1-Naphthylamine	ND		390	59	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
1,4-Naphthoquinone	ND		1900	71	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
1,3-Dinitrobenzene	ND		390	83	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
2,3,4,6-Tetrachlorophenol	ND		1900	160	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
2,4,5-Trichlorophenol	ND		390	12	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
2,4,6-Trichlorophenol	ND		390	12	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
2,4-Dichlorophenol	ND		390	12	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
2,4-Dimethylphenol	ND		390	77	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
2,4-Dinitrophenol	ND		1900	390	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
2,4-Dinitrotoluene	ND		390	77	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
2,6-Dinitrotoluene	ND		390	33	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
2-Acetylaminofluorene	ND		3900	210	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
2-Chloronaphthalene	ND		390	12	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
2-Chlorophenol	ND		390	25	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
2-Picoline	ND		770	55	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
2-Toluidine	ND		770	73	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
3 & 4 Methylphenol	ND		390	39	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
3,3'-Dichlorobenzidine	ND		770	110	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
3,3'-Dimethylbenzidine	ND		770	470	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
3-Methylcholanthrene	ND		770	78	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
3-Nitroaniline	ND		1900	85	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
4,6-Dinitro-2-methylphenol	ND		1900	390	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
2-Methylphenol	ND		390	15	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
2-Naphthylamine	ND		390	57	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
2-Nitroaniline	ND		1900	59	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WFE05-01-51-20130421
Date Collected: 04/21/13 11:05
Date Received: 04/22/13 08:00

Lab Sample ID: 280-41262-5
Matrix: Solid
Percent Solids: 82.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	ND		390	12	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
4-Aminobiphenyl	ND		1900	190	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
4-Bromophenyl phenyl ether	ND		390	22	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
4-Chloro-3-methylphenol	ND		390	77	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
4-Chloroaniline	ND		390	96	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
4-Chlorophenyl phenyl ether	ND		390	25	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
4-Nitroaniline	ND		1900	85	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
4-Nitrophenol	ND		1900	110	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
4-Nitroquinoline-1-oxide	ND		3900	100	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
2-Methylnaphthalene	ND		390	22	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
7,12-Dimethylbenz(a)anthracene	ND		770	49	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
2,6-Dichlorophenol	ND		390	81	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1
Atrazine	ND		390	43	ug/Kg	☼	04/22/13 14:45	04/23/13 17:14	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
3-Penten-2-one, 4-methyl-	*310*	*T J N*	*ug/Kg*	☼	*2.51*	*141-79-7*	*04/22/13 14:45*	*04/23/13 17:14*	*1*
2-Pentanone, 4-hydroxy-4-methyl-	*6300*	*T J N*	*ug/Kg*	☼	*2.81*	*123-42-2*	*04/22/13 14:45*	*04/23/13 17:14*	*1*
2-Pentanone, 4-methoxy-4-methyl-	*1800*	*T J N*	*ug/Kg*	☼	*3.27*	*107-70-0*	*04/22/13 14:45*	*04/23/13 17:14*	*1*
1,4-Dichlorobenzene-d4	*3000*	*T J N*	*ug/Kg*	☼	*4.11*	*3855-82-1*	*04/22/13 14:45*	*04/23/13 17:14*	*1*
n-Hexadecanoic acid	*2900*	*T J N*	*ug/Kg*	☼	*8.10*	*57-10-3*	*04/22/13 14:45*	*04/23/13 17:14*	*1*
Phytol	*420*	*T J N*	*ug/Kg*	☼	*8.73*	*150-86-7*	*04/22/13 14:45*	*04/23/13 17:14*	*1*
Oleic Acid	*5700*	*T J N*	*ug/Kg*	☼	*8.86*	*112-80-1*	*04/22/13 14:45*	*04/23/13 17:14*	*1*
Tetrapentacontane, 1,54-dibromo-	*340*	*T J N*	*ug/Kg*	☼	*10.08*	*1000156-9-4*	*04/22/13 14:45*	*04/23/13 17:14*	*1*
Octadecane	*400*	*T J N*	*ug/Kg*	☼	*12.73*	*593-45-3*	*04/22/13 14:45*	*04/23/13 17:14*	*1*
9-Octadecenamide, (Z)-	*730*	*T J N*	*ug/Kg*	☼	*13.69*	*301-2-0*	*04/22/13 14:45*	*04/23/13 17:14*	*1*
Tritetracontane	*700*	*T J N*	*ug/Kg*	☼	*14.81*	*7098-21-7*	*04/22/13 14:45*	*04/23/13 17:14*	*1*
Hexadecane	*310*	*T J N*	*ug/Kg*	☼	*17.16*	*544-76-3*	*04/22/13 14:45*	*04/23/13 17:14*	*1*
Cyclohexane, 1,2-dimethyl-3-pentyl-4-pro	*730*	*T J N*	*ug/Kg*	☼	*17.30*	*62376-17-4*	*04/22/13 14:45*	*04/23/13 17:14*	*1*
Ergost-5-en-3-ol, (3.beta.)-	*1400*	*T J N*	*ug/Kg*	☼	*19.02*	*4651-51-8*	*04/22/13 14:45*	*04/23/13 17:14*	*1*
1-Formyl-2,2-dimethyl-3-trans-(3-methyl-	*500*	*T J N*	*ug/Kg*	☼	*19.14*	*1000144-9-7*	*04/22/13 14:45*	*04/23/13 17:14*	*1*
Stigmasterol	*1200*	*T J N*	*ug/Kg*	☼	*19.22*	*83-48-7*	*04/22/13 14:45*	*04/23/13 17:14*	*1*
2-Methyl-3-(3-methyl-but-2-enyl)-2-(4-me	*380*	*T J N*	*ug/Kg*	☼	*19.71*	*1000144-10-2*	*04/22/13 14:45*	*04/23/13 17:14*	*1*
Sesquirosefuran	*840*	*T J N*	*ug/Kg*	☼	*19.79*	*39007-93-7*	*04/22/13 14:45*	*04/23/13 17:14*	*1*
3,7,11-Trimethyl-dodeca-2,4,6,10-tetraen	*520*	*T J N*	*ug/Kg*	☼	*19.95*	*13832-89-8*	*04/22/13 14:45*	*04/23/13 17:14*	*1*
Bicyclo[3.1.1]heptan-3-one, 2-ethyl-6,6-	*310*	*T J N*	*ug/Kg*	☼	*20.03*	*1000163-95-9*	*04/22/13 14:45*	*04/23/13 17:14*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*78*		*53 - 120*	*04/22/13 14:45*	*04/23/13 17:14*	*1*
Phenol-d5	*83*		*52 - 120*	*04/22/13 14:45*	*04/23/13 17:14*	*1*
Nitrobenzene-d5	*73*		*50 - 120*	*04/22/13 14:45*	*04/23/13 17:14*	*1*
2-Fluorobiphenyl	*81*		*50 - 120*	*04/22/13 14:45*	*04/23/13 17:14*	*1*
2,4,6-Tribromophenol	*81*		*51 - 120*	*04/22/13 14:45*	*04/23/13 17:14*	*1*
Terphenyl-d14	*99*		*55 - 120*	*04/22/13 14:45*	*04/23/13 17:14*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: WFE06-01-51-20130421
Date Collected: 04/21/13 09:45
Date Received: 04/22/13 08:00

Lab Sample ID: 280-41262-6
Matrix: Solid
Percent Solids: 85.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		370	11	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Acenaphthylene	ND		370	19	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Acetophenone	ND		370	22	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Aniline	ND		370	140	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Anthracene	ND		370	19	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Aramite, Total	ND		330	30	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Benzo[a]anthracene	ND		370	22	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Benzo[a]pyrene	ND		370	22	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Benzo[b]fluoranthene	ND		370	29	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Benzo[g,h,i]perylene	ND		370	18	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Benzo[k]fluoranthene	ND		370	45	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Benzyl alcohol	ND		370	11	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Bis(2-chloroethoxy)methane	ND		370	26	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Bis(2-chloroethyl)ether	ND		370	18	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Bis(2-ethylhexyl) phthalate	**150**	**J**	370	51	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Butyl benzyl phthalate	**56**	**J**	370	48	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Ethyl 4,4'-Dichlorobenzilate	ND		370	63	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Chrysene	ND		370	30	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Diallate	ND		210	27	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Dibenz(a,h)anthracene	ND		370	21	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Dibenzofuran	ND		370	22	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Diethyl phthalate	ND		740	29	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Dimethoate	ND		740	76	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Dimethyl phthalate	ND		370	26	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Di-n-butyl phthalate	ND		370	32	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Di-n-octyl phthalate	ND		370	16	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Diphenylamine	ND		370	49	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Disulfoton	ND		1800	66	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Ethyl methanesulfonate	ND		370	61	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Ethyl Parathion	ND		1800	72	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Fluoranthene	ND		370	40	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Fluorene	ND		370	20	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Hexachlorobenzene	ND		370	32	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Hexachlorobutadiene	ND		370	11	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Hexachlorocyclopentadiene	ND		1800	56	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Hexachloroethane	ND		370	24	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Hexachloropropene	ND		3700	53	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Indeno[1,2,3-cd]pyrene	ND		370	25	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Isodrin	ND		370	90	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Isophorone	ND		370	19	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Isosafrole	ND		130	47	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Methapyrilene	ND		1800	110	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Methyl methanesulfonate	ND		370	74	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Methyl parathion	ND		1800	150	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Naphthalene	ND		370	35	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Nitrobenzene	ND		370	25	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
5-Nitro-o-toluidine	ND		740	69	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
N-Nitrosodiethylamine	ND		370	72	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
N-Nitrosodimethylamine	ND		370	41	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WFE06-01-51-20130421 — **Lab Sample ID: 280-41262-6**
Date Collected: 04/21/13 09:45 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 85.5**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-butylamine	ND		370	110	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
N-Nitrosodi-n-propylamine	ND		370	35	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		370	23	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
N-Nitrosomethylethylamine	ND		370	66	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
N-Nitrosomorpholine	ND		370	130	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
N-Nitrosopiperidine	ND		370	80	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
N-Nitrosopyrrolidine	ND		370	71	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Pentachlorobenzene	ND		370	72	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Pentachloroethane	ND		1800	70	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Pentachloronitrobenzene	ND		1800	96	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Pentachlorophenol	ND		1800	370	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Phenacetin	ND		740	84	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Phenol	ND		370	20	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Phenanthrene	ND		370	19	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Phorate	ND		1800	66	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Pronamide	ND		370	140	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Pyrene	**14**	**J**	370	13	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Pyridine	ND		740	140	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Thionazin	ND		1800	80	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
1,2,4,5-Tetrachlorobenzene	ND		370	55	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
1,2,4-Trichlorobenzene	ND		370	31	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
1,2-Dichlorobenzene	ND		370	25	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
1,3,5-Trinitrobenzene	ND		1800	280	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
1,3-Dichlorobenzene	ND		370	13	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
1,4-Dichlorobenzene	ND		370	15	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
1-Naphthylamine	ND		370	56	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
1,4-Naphthoquinone	ND		1800	68	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
1,3-Dinitrobenzene	ND		370	79	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
2,3,4,6-Tetrachlorophenol	ND		1800	150	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
2,4,5-Trichlorophenol	ND		370	11	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
2,4,6-Trichlorophenol	ND		370	11	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
2,4-Dichlorophenol	ND		370	11	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
2,4-Dimethylphenol	ND		370	74	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
2,4-Dinitrophenol	ND		1800	370	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
2,4-Dinitrotoluene	ND		370	74	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
2,6-Dinitrotoluene	ND		370	31	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
2-Acetylaminofluorene	ND		3700	200	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
2-Chloronaphthalene	ND		370	11	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
2-Chlorophenol	ND		370	23	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
2-Picoline	ND		740	52	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
2-Toluidine	ND		740	69	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
3 & 4 Methylphenol	ND		370	37	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
3,3'-Dichlorobenzidine	ND		740	100	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
3,3'-Dimethylbenzidine	ND		740	450	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
3-Methylcholanthrene	ND		740	75	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
3-Nitroaniline	ND		1800	81	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
4,6-Dinitro-2-methylphenol	ND		1800	370	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
2-Methylphenol	ND		370	14	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
2-Naphthylamine	ND		370	55	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WFE06-01-51-20130421 — **Lab Sample ID: 280-41262-6**
Date Collected: 04/21/13 09:45 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 85.5**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		1800	56	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
2-Nitrophenol	ND		370	11	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
4-Aminobiphenyl	ND		1800	180	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
4-Bromophenyl phenyl ether	ND		370	21	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
4-Chloro-3-methylphenol	ND		370	74	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
4-Chloroaniline	ND		370	91	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
4-Chlorophenyl phenyl ether	ND		370	23	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
4-Nitroaniline	ND		1800	81	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
4-Nitrophenol	ND		1800	110	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
4-Nitroquinoline-1-oxide	ND		3700	98	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
2-Methylnaphthalene	ND		370	21	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
7,12-Dimethylbenz(a)anthracene	ND		740	47	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
2,6-Dichlorophenol	ND		370	77	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1
Atrazine	ND		370	41	ug/Kg	☼	04/22/13 14:45	04/23/13 19:28	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
3-Penten-2-one, 4-methyl-	*250*	*T J N*	*ug/Kg*	☼	*2.51*	*141-79-7*	*04/22/13 14:45*	*04/23/13 19:28*	*1*
2-Pentanone, 4-hydroxy-4-methyl-	*6000*	*T J N*	*ug/Kg*	☼	*2.81*	*123-42-2*	*04/22/13 14:45*	*04/23/13 19:28*	*1*
2-Pentanone, 4-methoxy-4-methyl-	*1600*	*T J N*	*ug/Kg*	☼	*3.26*	*107-70-0*	*04/22/13 14:45*	*04/23/13 19:28*	*1*
1,4-Dichlorobenzene-d4	*2900*	*T J N*	*ug/Kg*	☼	*4.11*	*3855-82-1*	*04/22/13 14:45*	*04/23/13 19:28*	*1*
n-Hexadecanoic acid	*320*	*T J N*	*ug/Kg*	☼	*8.09*	*57-10-3*	*04/22/13 14:45*	*04/23/13 19:28*	*1*
Cyclopentane, (2-methyl-1-propenyl)-	*250*	*T J N*	*ug/Kg*	☼	*8.85*	*53366-57-7*	*04/22/13 14:45*	*04/23/13 19:28*	*1*
Phosphonic acid, dioctadecyl ester	*160*	*T J N*	*ug/Kg*	☼	*10.99*	*19047-85-9*	*04/22/13 14:45*	*04/23/13 19:28*	*1*
1,5,9-Undecatriene, 2,6,10-trimethyl-, (	*160*	*T J N*	*ug/Kg*	☼	*13.94*	*62951-96-6*	*04/22/13 14:45*	*04/23/13 19:28*	*1*
10-Methyl-E-11-tridece-1-ol acetate	*400*	*T J N*	*ug/Kg*	☼	*19.01*	*1000130-97-3*	*04/22/13 14:45*	*04/23/13 19:28*	*1*
Tricyclo[4.3.0.07,9]nonane, 2,2,5,5,8,8-	*1200*	*T J N*	*ug/Kg*	☼	*19.14*	*54832-82-5*	*04/22/13 14:45*	*04/23/13 19:28*	*1*
Stigmasterol	*230*	*T J N*	*ug/Kg*	☼	*19.21*	*83-48-7*	*04/22/13 14:45*	*04/23/13 19:28*	*1*
Thunbergol	*1400*	*T J N*	*ug/Kg*	☼	*19.62*	*25269-17-4*	*04/22/13 14:45*	*04/23/13 19:28*	*1*
2-Ethylacridine	*230*	*T J N*	*ug/Kg*	☼	*19.78*	*1000147-64-9*	*04/22/13 14:45*	*04/23/13 19:28*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*78*		*53 - 120*	*04/22/13 14:45*	*04/23/13 19:28*	*1*
Phenol-d5	*80*		*52 - 120*	*04/22/13 14:45*	*04/23/13 19:28*	*1*
Nitrobenzene-d5	*73*		*50 - 120*	*04/22/13 14:45*	*04/23/13 19:28*	*1*
2-Fluorobiphenyl	*76*		*50 - 120*	*04/22/13 14:45*	*04/23/13 19:28*	*1*
2,4,6-Tribromophenol	*79*		*51 - 120*	*04/22/13 14:45*	*04/23/13 19:28*	*1*
Terphenyl-d14	*99*		*55 - 120*	*04/22/13 14:45*	*04/23/13 19:28*	*1*

Client Sample ID: WFE07-01-51-20130421 — **Lab Sample ID: 280-41262-7**
Date Collected: 04/21/13 10:00 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 90.9**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		360	11	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Acenaphthylene	ND		360	18	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Acetophenone	ND		360	22	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Aniline	ND		360	140	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Anthracene	ND		360	18	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WFE07-01-51-20130421
Date Collected: 04/21/13 10:00
Date Received: 04/22/13 08:00

Lab Sample ID: 280-41262-7
Matrix: Solid
Percent Solids: 90.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aramite, Total	ND		320	29	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Benzo[a]anthracene	ND		360	22	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Benzo[a]pyrene	ND		360	22	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Benzo[b]fluoranthene	ND		360	28	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Benzo[g,h,i]perylene	ND		360	17	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Benzo[k]fluoranthene	ND		360	43	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Benzyl alcohol	ND		360	11	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Bis(2-chloroethoxy)methane	ND		360	25	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Bis(2-chloroethyl)ether	ND		360	18	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Bis(2-ethylhexyl) phthalate	ND		360	50	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Butyl benzyl phthalate	ND		360	47	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Ethyl 4,4'-Dichlorobenzilate	ND		360	62	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Chrysene	ND		360	29	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Diallate	ND		200	26	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Dibenz(a,h)anthracene	ND		360	21	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Dibenzofuran	ND		360	22	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Diethyl phthalate	ND		710	28	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Dimethoate	ND		710	74	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Dimethyl phthalate	ND		360	25	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Di-n-butyl phthalate	ND		360	31	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Di-n-octyl phthalate	ND		360	16	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Diphenylamine	ND		360	48	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Disulfoton	ND		1700	64	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Ethyl methanesulfonate	ND		360	60	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Ethyl Parathion	ND		1700	70	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Fluoranthene	ND		360	39	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Fluorene	ND		360	19	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Hexachlorobenzene	ND		360	31	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Hexachlorobutadiene	ND		360	11	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Hexachlorocyclopentadiene	ND		1700	54	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Hexachloroethane	ND		360	23	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Hexachloropropene	ND		3600	52	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Indeno[1,2,3-cd]pyrene	ND		360	24	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Isodrin	ND		360	88	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Isophorone	ND		360	18	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Isosafrole	ND		130	45	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Methapyrilene	ND		1700	110	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Methyl methanesulfonate	ND		360	71	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Methyl parathion	ND		1700	150	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Naphthalene	ND		360	34	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Nitrobenzene	ND		360	24	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
5-Nitro-o-toluidine	ND		710	67	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
N-Nitrosodiethylamine	ND		360	70	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
N-Nitrosodimethylamine	ND		360	40	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
N-Nitrosodi-n-butylamine	ND		360	100	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
N-Nitrosodi-n-propylamine	ND		360	34	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		360	23	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
N-Nitrosomethylethylamine	ND		360	64	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
N-Nitrosomorpholine	ND		360	130	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WFE07-01-51-20130421
Date Collected: 04/21/13 10:00
Date Received: 04/22/13 08:00

Lab Sample ID: 280-41262-7
Matrix: Solid
Percent Solids: 90.9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosopiperidine	ND		360	78	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
N-Nitrosopyrrolidine	ND		360	69	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Pentachlorobenzene	ND		360	70	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Pentachloroethane	ND		1700	68	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Pentachloronitrobenzene	ND		1700	93	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Pentachlorophenol	ND		1700	360	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Phenacetin	ND		710	81	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Phenol	ND		360	19	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Phenanthrene	ND		360	18	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Phorate	ND		1700	64	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Pronamide	ND		360	140	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Pyrene	ND		360	13	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Pyridine	ND		710	140	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Thionazin	ND		1700	78	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
1,2,4,5-Tetrachlorobenzene	ND		360	53	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
1,2,4-Trichlorobenzene	ND		360	30	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
1,2-Dichlorobenzene	ND		360	24	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
1,3,5-Trinitrobenzene	ND		1700	270	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
1,3-Dichlorobenzene	ND		360	13	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
1,4-Dichlorobenzene	ND		360	15	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
1-Naphthylamine	ND		360	54	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
1,4-Naphthoquinone	ND		1700	66	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
1,3-Dinitrobenzene	ND		360	77	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
2,3,4,6-Tetrachlorophenol	ND		1700	150	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
2,4,5-Trichlorophenol	ND		360	11	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
2,4,6-Trichlorophenol	ND		360	11	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
2,4-Dichlorophenol	ND		360	11	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
2,4-Dimethylphenol	ND		360	71	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
2,4-Dinitrophenol	ND		1700	360	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
2,4-Dinitrotoluene	ND		360	71	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
2,6-Dinitrotoluene	ND		360	30	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
2-Acetylaminofluorene	ND		3600	190	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
2-Chloronaphthalene	ND		360	11	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
2-Chlorophenol	ND		360	23	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
2-Picoline	ND		710	51	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
2-Toluidine	ND		710	67	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
3 & 4 Methylphenol	ND		360	36	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
3,3'-Dichlorobenzidine	ND		710	97	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
3,3'-Dimethylbenzidine	ND		710	430	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
3-Methylcholanthrene	ND		710	73	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
3-Nitroaniline	ND		1700	79	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
4,6-Dinitro-2-methylphenol	ND		1700	360	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
2-Methylphenol	ND		360	14	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
2-Naphthylamine	ND		360	53	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
2-Nitroaniline	ND		1700	54	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
2-Nitrophenol	ND		360	11	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
4-Aminobiphenyl	ND		1700	170	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
4-Bromophenyl phenyl ether	ND		360	21	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
4-Chloro-3-methylphenol	ND		360	71	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WFE07-01-51-20130421 — **Lab Sample ID: 280-41262-7**
Date Collected: 04/21/13 10:00 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 90.9**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloroaniline	ND		360	89	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
4-Chlorophenyl phenyl ether	ND		360	23	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
4-Nitroaniline	ND		1700	78	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
4-Nitrophenol	ND		1700	100	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
4-Nitroquinoline-1-oxide	ND		3600	95	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
2-Methylnaphthalene	ND		360	21	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
7,12-Dimethylbenz(a)anthracene	ND		710	45	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
2,6-Dichlorophenol	ND		360	75	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1
Atrazine	ND		360	40	ug/Kg	☼	04/22/13 14:45	04/23/13 17:41	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
2-Pentanone, 4-hydroxy-4-methyl-	*5700*	*T J N*	*ug/Kg*	☼	*2.81*	*123-42-2*	*04/22/13 14:45*	*04/23/13 17:41*	*1*
2-Pentanone, 4-methoxy-4-methyl-	*1700*	*T J N*	*ug/Kg*	☼	*3.26*	*107-70-0*	*04/22/13 14:45*	*04/23/13 17:41*	*1*
Benzene-1,2,3,4-d4-, 5,6-dichloro-	*2800*	*T J N*	*ug/Kg*	☼	*4.11*	*2199-69-1*	*04/22/13 14:45*	*04/23/13 17:41*	*1*
Oleic Acid	*490*	*T J N*	*ug/Kg*	☼	*8.07*	*112-80-1*	*04/22/13 14:45*	*04/23/13 17:41*	*1*
n-Hexadecanoic acid	*620*	*T J N*	*ug/Kg*	☼	*8.09*	*57-10-3*	*04/22/13 14:45*	*04/23/13 17:41*	*1*
9-Octadecenoic acid, (E)-	*840*	*T J N*	*ug/Kg*	☼	*8.85*	*112-79-8*	*04/22/13 14:45*	*04/23/13 17:41*	*1*
9-Octadecenamide, (Z)-	*830*	*T J N*	*ug/Kg*	☼	*10.16*	*301-2-0*	*04/22/13 14:45*	*04/23/13 17:41*	*1*
Pentatriacontane	*440*	*T J N*	*ug/Kg*	☼	*12.73*	*630-7-9*	*04/22/13 14:45*	*04/23/13 17:41*	*1*
Dotriacontane	*370*	*T J N*	*ug/Kg*	☼	*13.79*	*544-85-4*	*04/22/13 14:45*	*04/23/13 17:41*	*1*
Hexatriacontane	*490*	*T J N*	*ug/Kg*	☼	*14.81*	*630-6-8*	*04/22/13 14:45*	*04/23/13 17:41*	*1*
Tetratriacontane	*660*	*T J N*	*ug/Kg*	☼	*17.17*	*14167-59-0*	*04/22/13 14:45*	*04/23/13 17:41*	*1*
17-Pentatriacontene	*830*	*T J N*	*ug/Kg*	☼	*17.30*	*6971-40-0*	*04/22/13 14:45*	*04/23/13 17:41*	*1*
Cedran-diol, 8S,14-	*280*	*T J N*	*ug/Kg*	☼	*17.85*	*62600-5-9*	*04/22/13 14:45*	*04/23/13 17:41*	*1*
3-Chloro-6-methyl-6,7-dihydro-9H-5-oxa-9	*290*	*T J N*	*ug/Kg*	☼	*18.81*	*134076-61-2*	*04/22/13 14:45*	*04/23/13 17:41*	*1*
Cholest-8-en-3-ol, 14-methyl-, (3.beta.,	*380*	*T J N*	*ug/Kg*	☼	*19.02*	*6062-47-1*	*04/22/13 14:45*	*04/23/13 17:41*	*1*
Zinc, dicyclopentyl-	*430*	*T J N*	*ug/Kg*	☼	*19.14*	*20525-74-0*	*04/22/13 14:45*	*04/23/13 17:41*	*1*
Stigmasterol	*640*	*T J N*	*ug/Kg*	☼	*19.21*	*83-48-7*	*04/22/13 14:45*	*04/23/13 17:41*	*1*
.gamma.-Sitosterol	*2500*	*T J N*	*ug/Kg*	☼	*19.62*	*83-47-6*	*04/22/13 14:45*	*04/23/13 17:41*	*1*
Androst-5-en-3-ol, 4,4-dimethyl-, (3.bet	*550*	*T J N*	*ug/Kg*	☼	*19.78*	*7673-17-8*	*04/22/13 14:45*	*04/23/13 17:41*	*1*
E-11-Methyl-12-tetradecen-1-ol acetate	*280*	*T J N*	*ug/Kg*	☼	*20.03*	*1000130-80-7*	*04/22/13 14:45*	*04/23/13 17:41*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*79*		*53 - 120*	*04/22/13 14:45*	*04/23/13 17:41*	*1*
Phenol-d5	*81*		*52 - 120*	*04/22/13 14:45*	*04/23/13 17:41*	*1*
Nitrobenzene-d5	*73*		*50 - 120*	*04/22/13 14:45*	*04/23/13 17:41*	*1*
2-Fluorobiphenyl	*76*		*50 - 120*	*04/22/13 14:45*	*04/23/13 17:41*	*1*
2,4,6-Tribromophenol	*80*		*51 - 120*	*04/22/13 14:45*	*04/23/13 17:41*	*1*
Terphenyl-d14	*98*		*55 - 120*	*04/22/13 14:45*	*04/23/13 17:41*	*1*

Client Sample ID: WFE07-01-52-20130421 — **Lab Sample ID: 280-41262-8**
Date Collected: 04/21/13 10:05 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 91.4**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		360	11	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Acenaphthylene	ND		360	19	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Acetophenone	ND		360	22	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WFE07-01-52-20130421
Date Collected: 04/21/13 10:05
Date Received: 04/22/13 08:00

Lab Sample ID: 280-41262-8
Matrix: Solid
Percent Solids: 91.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aniline	ND		360	140	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Anthracene	ND		360	19	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Aramite, Total	ND		330	29	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Benzo[a]anthracene	ND		360	22	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Benzo[a]pyrene	ND		360	22	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Benzo[b]fluoranthene	ND		360	29	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Benzo[g,h,i]perylene	ND		360	17	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Benzo[k]fluoranthene	ND		360	44	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Benzyl alcohol	ND		360	11	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Bis(2-chloroethoxy)methane	ND		360	25	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Bis(2-chloroethyl)ether	ND		360	18	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Bis(2-ethylhexyl) phthalate	**99**	**J**	360	50	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Butyl benzyl phthalate	ND		360	47	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Ethyl 4,4'-Dichlorobenzilate	ND		360	62	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Chrysene	ND		360	29	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Diallate	ND		200	26	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Dibenz(a,h)anthracene	ND		360	21	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Dibenzofuran	ND		360	22	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Diethyl phthalate	ND		720	28	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Dimethoate	ND		720	74	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Dimethyl phthalate	ND		360	25	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Di-n-butyl phthalate	ND		360	32	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Di-n-octyl phthalate	ND		360	16	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Diphenylamine	ND		360	48	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Disulfoton	ND		1700	64	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Ethyl methanesulfonate	ND		360	60	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Ethyl Parathion	ND		1700	71	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Fluoranthene	ND		360	39	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Fluorene	ND		360	20	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Hexachlorobenzene	ND		360	32	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Hexachlorobutadiene	ND		360	11	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Hexachlorocyclopentadiene	ND		1700	55	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Hexachloroethane	ND		360	23	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Hexachloropropene	ND		3600	52	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Indeno[1,2,3-cd]pyrene	ND		360	24	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Isodrin	ND		360	88	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Isophorone	ND		360	19	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Isosafrole	ND		130	46	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Methapyrilene	ND		1700	110	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Methyl methanesulfonate	ND		360	72	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Methyl parathion	ND		1700	150	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Naphthalene	ND		360	34	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Nitrobenzene	ND		360	24	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
5-Nitro-o-toluidine	ND		720	68	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
N-Nitrosodiethylamine	ND		360	71	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
N-Nitrosodimethylamine	ND		360	40	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
N-Nitrosodi-n-butylamine	ND		360	110	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
N-Nitrosodi-n-propylamine	ND		360	34	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		360	23	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WFE07-01-52-20130421
Date Collected: 04/21/13 10:05
Date Received: 04/22/13 08:00

Lab Sample ID: 280-41262-8
Matrix: Solid
Percent Solids: 91.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosomethylethylamine	ND		360	64	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
N-Nitrosomorpholine	ND		360	130	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
N-Nitrosopiperidine	ND		360	79	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
N-Nitrosopyrrolidine	ND		360	70	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Pentachlorobenzene	ND		360	71	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Pentachloroethane	ND		1700	69	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Pentachloronitrobenzene	ND		1700	94	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Pentachlorophenol	ND		1700	360	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Phenacetin	ND		720	82	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Phenol	ND		360	20	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Phenanthrene	ND		360	19	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Phorate	ND		1700	64	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Pronamide	ND		360	140	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Pyrene	ND		360	13	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Pyridine	ND		720	140	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Thionazin	ND		1700	79	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
1,2,4,5-Tetrachlorobenzene	ND		360	53	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
1,2,4-Trichlorobenzene	ND		360	31	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
1,2-Dichlorobenzene	ND		360	24	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
1,3,5-Trinitrobenzene	ND		1700	270	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
1,3-Dichlorobenzene	ND		360	13	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
1,4-Dichlorobenzene	ND		360	15	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
1-Naphthylamine	ND		360	55	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
1,4-Naphthoquinone	ND		1700	67	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
1,3-Dinitrobenzene	ND		360	77	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
2,3,4,6-Tetrachlorophenol	ND		1700	150	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
2,4,5-Trichlorophenol	ND		360	11	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
2,4,6-Trichlorophenol	ND		360	11	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
2,4-Dichlorophenol	ND		360	11	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
2,4-Dimethylphenol	ND		360	72	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
2,4-Dinitrophenol	ND		1700	360	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
2,4-Dinitrotoluene	ND		360	72	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
2,6-Dinitrotoluene	ND		360	31	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
2-Acetylaminofluorene	ND		3600	200	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
2-Chloronaphthalene	ND		360	11	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
2-Chlorophenol	ND		360	23	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
2-Picoline	ND		720	51	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
2-Toluidine	ND		720	68	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
3 & 4 Methylphenol	ND		360	36	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
3,3'-Dichlorobenzidine	ND		720	98	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
3,3'-Dimethylbenzidine	ND		720	440	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
3-Methylcholanthrene	ND		720	73	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
3-Nitroaniline	ND		1700	80	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
4,6-Dinitro-2-methylphenol	ND		1700	360	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
2-Methylphenol	ND		360	14	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
2-Naphthylamine	ND		360	53	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
2-Nitroaniline	ND		1700	55	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
2-Nitrophenol	ND		360	11	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
4-Aminobiphenyl	ND		1700	170	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WFE07-01-52-20130421
Date Collected: 04/21/13 10:05
Date Received: 04/22/13 08:00

Lab Sample ID: 280-41262-8
Matrix: Solid
Percent Solids: 91.4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	ND		360	21	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
4-Chloro-3-methylphenol	ND		360	72	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
4-Chloroaniline	ND		360	89	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
4-Chlorophenyl phenyl ether	ND		360	23	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
4-Nitroaniline	ND		1700	79	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
4-Nitrophenol	ND		1700	110	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
4-Nitroquinoline-1-oxide	ND		3600	96	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
2-Methylnaphthalene	ND		360	21	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
7,12-Dimethylbenz(a)anthracene	ND		720	46	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
2,6-Dichlorophenol	ND		360	75	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1
Atrazine	ND		360	40	ug/Kg	☼	04/22/13 14:45	04/23/13 18:08	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
3-Hexen-2-one	*250*	*T J N*	*ug/Kg*	☼	*2.52*	*763-93-9*	*04/22/13 14:45*	*04/23/13 18:08*	*1*
2-Pentanone, 4-hydroxy-4-methyl-	*5900*	*T J N*	*ug/Kg*	☼	*2.81*	*123-42-2*	*04/22/13 14:45*	*04/23/13 18:08*	*1*
2-Pentanone, 4-methoxy-4-methyl-	*1800*	*T J N*	*ug/Kg*	☼	*3.27*	*107-70-0*	*04/22/13 14:45*	*04/23/13 18:08*	*1*
1,4-Dichlorobenzene-d4	*2900*	*T J N*	*ug/Kg*	☼	*4.11*	*3855-82-1*	*04/22/13 14:45*	*04/23/13 18:08*	*1*
Hexadecenoic acid, Z-11-	*540*	*T J N*	*ug/Kg*	☼	*8.07*	*2416-20-8*	*04/22/13 14:45*	*04/23/13 18:08*	*1*
n-Hexadecanoic acid	*700*	*T J N*	*ug/Kg*	☼	*8.09*	*57-10-3*	*04/22/13 14:45*	*04/23/13 18:08*	*1*
1-Hexyl-2-nitrocyclohexane	*660*	*T J N*	*ug/Kg*	☼	*8.85*	*1000143-77-4*	*04/22/13 14:45*	*04/23/13 18:08*	*1*
7-Nonenamide	*670*	*T J N*	*ug/Kg*	☼	*10.16*	*90949-53-4*	*04/22/13 14:45*	*04/23/13 18:08*	*1*
Tritetracontane	*300*	*T J N*	*ug/Kg*	☼	*12.73*	*7098-21-7*	*04/22/13 14:45*	*04/23/13 18:08*	*1*
Hexatriacontane	*390*	*T J N*	*ug/Kg*	☼	*14.81*	*630-6-8*	*04/22/13 14:45*	*04/23/13 18:08*	*1*
Eicosane	*500*	*T J N*	*ug/Kg*	☼	*17.17*	*112-95-8*	*04/22/13 14:45*	*04/23/13 18:08*	*1*
9-Eicosene, (E)-	*340*	*T J N*	*ug/Kg*	☼	*17.29*	*74685-29-3*	*04/22/13 14:45*	*04/23/13 18:08*	*1*
(1s,2s,5R)-(+) -1-Dibromomethyl-2-isoprop	*180*	*T J N*	*ug/Kg*	☼	*18.80*	*1000144-13-5*	*04/22/13 14:45*	*04/23/13 18:08*	*1*
Ergost-5-en-3-ol, (3.beta.)-	*480*	*T J N*	*ug/Kg*	☼	*19.01*	*4651-51-8*	*04/22/13 14:45*	*04/23/13 18:08*	*1*
Cedrol	*350*	*T J N*	*ug/Kg*	☼	*19.14*	*77-53-2*	*04/22/13 14:45*	*04/23/13 18:08*	*1*
Chondrillasterol	*600*	*T J N*	*ug/Kg*	☼	*19.21*	*481-17-4*	*04/22/13 14:45*	*04/23/13 18:08*	*1*
Eicosane	*170*	*T J N*	*ug/Kg*	☼	*19.29*	*112-95-8*	*04/22/13 14:45*	*04/23/13 18:08*	*1*
Ergost-25-ene-3,5,6-triol, (3.beta.,5.al	*630*	*T J N*	*ug/Kg*	☼	*19.79*	*56143-28-3*	*04/22/13 14:45*	*04/23/13 18:08*	*1*
17-(1,5-Dimethylhexyl) -10,13-dimethyl-4-	*170*	*T J N*	*ug/Kg*	☼	*19.93*	*1000210-86-9*	*04/22/13 14:45*	*04/23/13 18:08*	*1*
E-11-Methyl-12-tetradecen-1-ol acetate	*310*	*T J N*	*ug/Kg*	☼	*20.03*	*1000130-80-7*	*04/22/13 14:45*	*04/23/13 18:08*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*80*		*53 - 120*	*04/22/13 14:45*	*04/23/13 18:08*	*1*
Phenol-d5	*83*		*52 - 120*	*04/22/13 14:45*	*04/23/13 18:08*	*1*
Nitrobenzene-d5	*72*		*50 - 120*	*04/22/13 14:45*	*04/23/13 18:08*	*1*
2-Fluorobiphenyl	*75*		*50 - 120*	*04/22/13 14:45*	*04/23/13 18:08*	*1*
2,4,6-Tribromophenol	*83*		*51 - 120*	*04/22/13 14:45*	*04/23/13 18:08*	*1*
Terphenyl-d14	*100*		*55 - 120*	*04/22/13 14:45*	*04/23/13 18:08*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: WFE08-01-51-20130421
Date Collected: 04/21/13 01:42
Date Received: 04/22/13 08:00

Lab Sample ID: 280-41262-9
Matrix: Solid
Percent Solids: 80.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		400	13	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Acenaphthylene	ND		400	21	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Acetophenone	ND		400	24	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Aniline	ND		400	160	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Anthracene	ND		400	21	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Aramite, Total	ND		360	33	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Benzo[a]anthracene	ND		400	24	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Benzo[a]pyrene	ND		400	24	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Benzo[b]fluoranthene	ND		400	32	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Benzo[g,h,i]perylene	ND		400	19	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Benzo[k]fluoranthene	ND		400	49	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Benzyl alcohol	ND		400	12	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Bis(2-chloroethoxy)methane	ND		400	28	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Bis(2-chloroethyl)ether	ND		400	20	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Bis(2-ethylhexyl) phthalate	ND		400	56	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Butyl benzyl phthalate	ND		400	52	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Ethyl 4,4'-Dichlorobenzilate	ND		400	69	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Chrysene	ND		400	33	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Diallate	ND		220	29	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Dibenz(a,h)anthracene	ND		400	23	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Dibenzofuran	ND		400	24	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Diethyl phthalate	ND		800	32	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Dimethoate	ND		800	83	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Dimethyl phthalate	ND		400	28	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Di-n-butyl phthalate	ND		400	35	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Di-n-octyl phthalate	ND		400	17	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Diphenylamine	ND		400	53	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Disulfoton	ND		1900	72	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Ethyl methanesulfonate	ND		400	67	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Ethyl Parathion	ND		1900	79	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Fluoranthene	ND		400	44	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Fluorene	ND		400	22	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Hexachlorobenzene	ND		400	35	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Hexachlorobutadiene	ND		400	12	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Hexachlorocyclopentadiene	ND		1900	61	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Hexachloroethane	ND		400	26	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Hexachloropropene	ND		4000	58	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Indeno[1,2,3-cd]pyrene	ND		400	27	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Isodrin	ND		400	98	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Isophorone	ND		400	21	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Isosafrole	ND		140	51	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Methapyrilene	ND		1900	120	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Methyl methanesulfonate	ND		400	80	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Methyl parathion	ND		1900	170	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Naphthalene	ND		400	38	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Nitrobenzene	ND		400	27	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
5-Nitro-o-toluidine	ND		800	75	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
N-Nitrosodiethylamine	ND		400	79	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
N-Nitrosodimethylamine	ND		400	45	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WFE08-01-51-20130421 — **Lab Sample ID: 280-41262-9**
Date Collected: 04/21/13 01:42 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 80.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-butylamine	ND		400	120	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
N-Nitrosodi-n-propylamine	ND		400	38	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		400	26	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
N-Nitrosomethylethylamine	ND		400	72	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
N-Nitrosomorpholine	ND		400	150	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
N-Nitrosopiperidine	ND		400	87	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
N-Nitrosopyrrolidine	ND		400	78	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Pentachlorobenzene	ND		400	79	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Pentachloroethane	ND		1900	77	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Pentachloronitrobenzene	ND		1900	100	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Pentachlorophenol	ND		1900	400	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Phenacetin	ND		800	91	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Phenol	ND		400	22	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Phenanthrene	ND		400	21	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Phorate	ND		1900	72	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Pronamide	ND		400	160	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Pyrene	**23**	**J**	400	15	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Pyridine	ND		800	160	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Thionazin	ND		1900	87	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
1,2,4,5-Tetrachlorobenzene	ND		400	60	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
1,2,4-Trichlorobenzene	ND		400	34	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
1,2-Dichlorobenzene	ND		400	27	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
1,3,5-Trinitrobenzene	ND		1900	300	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
1,3-Dichlorobenzene	ND		400	15	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
1,4-Dichlorobenzene	ND		400	17	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
1-Naphthylamine	ND		400	61	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
1,4-Naphthoquinone	ND		1900	74	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
1,3-Dinitrobenzene	ND		400	86	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
2,3,4,6-Tetrachlorophenol	ND		1900	170	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
2,4,5-Trichlorophenol	ND		400	12	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
2,4,6-Trichlorophenol	ND		400	12	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
2,4-Dichlorophenol	ND		400	12	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
2,4-Dimethylphenol	ND		400	80	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
2,4-Dinitrophenol	ND		1900	400	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
2,4-Dinitrotoluene	ND		400	80	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
2,6-Dinitrotoluene	ND		400	34	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
2-Acetylaminofluorene	ND		4000	220	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
2-Chloronaphthalene	ND		400	12	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
2-Chlorophenol	ND		400	26	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
2-Picoline	ND		800	57	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
2-Toluidine	ND		800	75	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
3 & 4 Methylphenol	ND		400	40	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
3,3'-Dichlorobenzidine	ND		800	110	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
3,3'-Dimethylbenzidine	ND		800	490	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
3-Methylcholanthrene	ND		800	81	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
3-Nitroaniline	ND		1900	89	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
4,6-Dinitro-2-methylphenol	ND		1900	400	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
2-Methylphenol	ND		400	16	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
2-Naphthylamine	ND		400	60	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WFE08-01-51-20130421
Date Collected: 04/21/13 01:42
Date Received: 04/22/13 08:00

Lab Sample ID: 280-41262-9
Matrix: Solid
Percent Solids: 80.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		1900	61	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
2-Nitrophenol	ND		400	12	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
4-Aminobiphenyl	ND		1900	190	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
4-Bromophenyl phenyl ether	ND		400	23	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
4-Chloro-3-methylphenol	ND		400	80	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
4-Chloroaniline	ND		400	100	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
4-Chlorophenyl phenyl ether	ND		400	26	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
4-Nitroaniline	ND		1900	88	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
4-Nitrophenol	ND		1900	120	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
4-Nitroquinoline-1-oxide	ND		4000	110	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
2-Methylnaphthalene	ND		400	23	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
7,12-Dimethylbenz(a)anthracene	ND		800	51	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
2,6-Dichlorophenol	ND		400	84	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1
Atrazine	ND		400	45	ug/Kg	☼	04/22/13 14:45	04/23/13 18:35	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
3-Hexen-2-one	*270*	*T J N*	*ug/Kg*	☼	*2.51*	*763-93-9*	*04/22/13 14:45*	*04/23/13 18:35*	*1*
2-Pentanone, 4-hydroxy-4-methyl-	*6200*	*T J N*	*ug/Kg*	☼	*2.81*	*123-42-2*	*04/22/13 14:45*	*04/23/13 18:35*	*1*
2-Pentanone, 4-methoxy-4-methyl-	*1800*	*T J N*	*ug/Kg*	☼	*3.26*	*107-70-0*	*04/22/13 14:45*	*04/23/13 18:35*	*1*
1,4-Dichlorobenzene-d4	*3200*	*T J N*	*ug/Kg*	☼	*4.12*	*3855-82-1*	*04/22/13 14:45*	*04/23/13 18:35*	*1*
n-Hexadecanoic acid	*540*	*T J N*	*ug/Kg*	☼	*8.09*	*57-10-3*	*04/22/13 14:45*	*04/23/13 18:35*	*1*
1-Decene	*390*	*T J N*	*ug/Kg*	☼	*8.85*	*872-5-9*	*04/22/13 14:45*	*04/23/13 18:35*	*1*
1H-3a,7-Methanoazulene, octahydro-1,4,9,	*650*	*T J N*	*ug/Kg*	☼	*11.53*	*25491-20-7*	*04/22/13 14:45*	*04/23/13 18:35*	*1*
Erucylamide	*820*	*T J N*	*ug/Kg*	☼	*13.70*	*112-84-5*	*04/22/13 14:45*	*04/23/13 18:35*	*1*
Heptadecane	*320*	*T J N*	*ug/Kg*	☼	*14.81*	*629-78-7*	*04/22/13 14:45*	*04/23/13 18:35*	*1*
Trifluoroacetic acid, n-octadecyl ester	*960*	*T J N*	*ug/Kg*	☼	*14.90*	*1000216-79-4*	*04/22/13 14:45*	*04/23/13 18:35*	*1*
Tricosane	*520*	*T J N*	*ug/Kg*	☼	*17.16*	*638-67-5*	*04/22/13 14:45*	*04/23/13 18:35*	*1*
Unknown	*280*	*T J*	*ug/Kg*	☼	*17.84*		*04/22/13 14:45*	*04/23/13 18:35*	*1*
Campesterol	*880*	*T J N*	*ug/Kg*	☼	*19.02*	*474-62-4*	*04/22/13 14:45*	*04/23/13 18:35*	*1*
1R,4s,7s,11R-2,2,4,8-Tetramethyltric yclo	*550*	*T J N*	*ug/Kg*	☼	*19.13*	*1000140-7-6*	*04/22/13 14:45*	*04/23/13 18:35*	*1*
Ergosta-7,22-dien-3-ol, (3.beta.,22E) -	*780*	*T J N*	*ug/Kg*	☼	*19.21*	*17608-76-3*	*04/22/13 14:45*	*04/23/13 18:35*	*1*
Cyclohexanone, 3-hydroxy-2,4,4-trimethyl	*250*	*T J N*	*ug/Kg*	☼	*19.34*	*88764-84-5*	*04/22/13 14:45*	*04/23/13 18:35*	*1*
Cyclohexane, 1-(cyclohexylmethyl) -4-ethy	*250*	*T J N*	*ug/Kg*	☼	*19.78*	*54934-95-1*	*04/22/13 14:45*	*04/23/13 18:35*	*1*
Ethyl 2-acetamido-3,3,3-trifluoro-2-(4-f	*220*	*T J N*	*ug/Kg*	☼	*19.89*	*1000224-78-7*	*04/22/13 14:45*	*04/23/13 18:35*	*1*
2,2,6-Trimethyl-1-(2-methyl-cyclobut-2-e	*470*	*T J N*	*ug/Kg*	☼	*19.96*	*1000188-72-8*	*04/22/13 14:45*	*04/23/13 18:35*	*1*
3-n-Heptyl-7-methyl-9-(2,6,6-trimethylcy	*280*	*T J N*	*ug/Kg*	☼	*20.03*	*1000216-9-3*	*04/22/13 14:45*	*04/23/13 18:35*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*80*		*53 - 120*	*04/22/13 14:45*	*04/23/13 18:35*	*1*
Phenol-d5	*84*		*52 - 120*	*04/22/13 14:45*	*04/23/13 18:35*	*1*
Nitrobenzene-d5	*76*		*50 - 120*	*04/22/13 14:45*	*04/23/13 18:35*	*1*
2-Fluorobiphenyl	*79*		*50 - 120*	*04/22/13 14:45*	*04/23/13 18:35*	*1*
2,4,6-Tribromophenol	*83*		*51 - 120*	*04/22/13 14:45*	*04/23/13 18:35*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WFE08-01-51-20130421 — **Lab Sample ID: 280-41262-9**
Date Collected: 04/21/13 01:42 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 80.7**

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*98*		*55 - 120*	*04/22/13 14:45*	*04/23/13 18:35*	*1*

Client Sample ID: WFE09-01-51-20130421 — **Lab Sample ID: 280-41262-10**
Date Collected: 04/21/13 01:13 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 85.5**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		360	11	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Acenaphthylene	ND		360	18	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Acetophenone	ND		360	22	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Aniline	ND		360	140	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Anthracene	ND		360	18	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Aramite, Total	ND		320	29	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Benzo[a]anthracene	**69**	**J**	360	22	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Benzo[a]pyrene	**72**	**J**	360	22	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Benzo[b]fluoranthene	**150**	**J K**	360	28	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Benzo[g,h,i]perylene	**47**	**J**	360	17	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Benzo[k]fluoranthene	ND	K	360	43	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Benzyl alcohol	ND		360	11	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Bis(2-chloroethoxy)methane	ND		360	25	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Bis(2-chloroethyl)ether	ND		360	18	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Bis(2-ethylhexyl) phthalate	**120**	**J**	360	50	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Butyl benzyl phthalate	ND		360	46	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Ethyl 4,4'-Dichlorobenzilate	ND		360	62	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Chrysene	**86**	**J**	360	29	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Diallate	ND		200	26	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Dibenz(a,h)anthracene	ND		360	21	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Dibenzofuran	ND		360	22	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Diethyl phthalate	ND		710	28	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Dimethoate	ND		710	73	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Dimethyl phthalate	ND		360	25	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Di-n-butyl phthalate	ND		360	31	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Di-n-octyl phthalate	ND		360	16	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Diphenylamine	ND		360	47	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Disulfoton	ND		1700	64	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Ethyl methanesulfonate	ND		360	59	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Ethyl Parathion	ND		1700	70	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Fluoranthene	**85**	**J**	360	39	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Fluorene	ND		360	19	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Hexachlorobenzene	ND		360	31	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Hexachlorobutadiene	ND		360	11	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Hexachlorocyclopentadiene	ND		1700	54	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Hexachloroethane	ND		360	23	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Hexachloropropene	ND		3600	52	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Indeno[1,2,3-cd]pyrene	ND		360	24	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Isodrin	ND		360	87	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Isophorone	ND		360	18	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Isosafrole	ND		130	45	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Methapyrilene	ND		1700	110	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Methyl methanesulfonate	ND		360	71	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WFE09-01-51-20130421
Date Collected: 04/21/13 01:13
Date Received: 04/22/13 08:00

Lab Sample ID: 280-41262-10
Matrix: Solid
Percent Solids: 85.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl parathion	ND		1700	150	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Naphthalene	ND		360	33	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Nitrobenzene	ND		360	24	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
5-Nitro-o-toluidine	ND		710	67	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
N-Nitrosodiethylamine	ND		360	70	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
N-Nitrosodimethylamine	ND		360	40	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
N-Nitrosodi-n-butylamine	ND		360	100	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
N-Nitrosodi-n-propylamine	ND		360	33	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		360	23	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
N-Nitrosomethylethylamine	ND		360	64	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
N-Nitrosomorpholine	ND		360	130	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
N-Nitrosopiperidine	ND		360	78	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
N-Nitrosopyrrolidine	ND		360	69	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Pentachlorobenzene	ND		360	70	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Pentachloroethane	ND		1700	68	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Pentachloronitrobenzene	ND		1700	93	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Pentachlorophenol	ND		1700	360	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Phenacetin	ND		710	81	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Phenol	ND		360	19	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Phenanthrene	**21**	**J**	360	18	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Phorate	ND		1700	64	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Pronamide	ND		360	140	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Pyrene	**79**	**J**	360	13	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Pyridine	ND		710	140	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Thionazin	ND		1700	78	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
1,2,4,5-Tetrachlorobenzene	ND		360	53	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
1,2,4-Trichlorobenzene	ND		360	30	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
1,2-Dichlorobenzene	ND		360	24	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
1,3,5-Trinitrobenzene	ND		1700	270	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
1,3-Dichlorobenzene	ND		360	13	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
1,4-Dichlorobenzene	ND		360	15	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
1-Naphthylamine	ND		360	54	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
1,4-Naphthoquinone	ND		1700	66	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
1,3-Dinitrobenzene	ND		360	77	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
2,3,4,6-Tetrachlorophenol	ND		1700	150	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
2,4,5-Trichlorophenol	ND		360	11	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
2,4,6-Trichlorophenol	ND		360	11	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
2,4-Dichlorophenol	ND		360	11	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
2,4-Dimethylphenol	ND		360	71	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
2,4-Dinitrophenol	ND		1700	360	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
2,4-Dinitrotoluene	ND		360	71	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
2,6-Dinitrotoluene	ND		360	30	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
2-Acetylaminofluorene	ND		3600	190	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
2-Chloronaphthalene	ND		360	11	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
2-Chlorophenol	ND		360	23	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
2-Picoline	ND		710	51	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
2-Toluidine	ND		710	67	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
3 & 4 Methylphenol	ND		360	36	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
3,3'-Dichlorobenzidine	ND		710	97	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WFE09-01-51-20130421
Date Collected: 04/21/13 01:13
Date Received: 04/22/13 08:00

Lab Sample ID: 280-41262-10
Matrix: Solid
Percent Solids: 85.5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dimethylbenzidine	ND		710	430	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
3-Methylcholanthrene	ND		710	72	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
3-Nitroaniline	ND		1700	79	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
4,6-Dinitro-2-methylphenol	ND		1700	360	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
2-Methylphenol	ND		360	14	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
2-Naphthylamine	ND		360	53	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
2-Nitroaniline	ND		1700	54	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
2-Nitrophenol	ND		360	11	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
4-Aminobiphenyl	ND		1700	170	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
4-Bromophenyl phenyl ether	ND		360	21	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
4-Chloro-3-methylphenol	ND		360	71	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
4-Chloroaniline	ND		360	88	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
4-Chlorophenyl phenyl ether	ND		360	23	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
4-Nitroaniline	ND		1700	78	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
4-Nitrophenol	ND		1700	100	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
4-Nitroquinoline-1-oxide	ND		3600	95	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
2-Methylnaphthalene	ND		360	21	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
7,12-Dimethylbenz(a)anthracene	ND		710	45	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
2,6-Dichlorophenol	ND		360	74	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1
Atrazine	ND		360	40	ug/Kg	☼	04/22/13 14:45	04/23/13 19:01	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
3-Hexen-2-one	*280*	*T J N*	*ug/Kg*	☼	*2.51*	*763-93-9*	*04/22/13 14:45*	*04/23/13 19:01*	*1*
2-Pentanone, 4-hydroxy-4-methyl-	*6200*	*T J N*	*ug/Kg*	☼	*2.81*	*123-42-2*	*04/22/13 14:45*	*04/23/13 19:01*	*1*
2-Pentanone, 4-methoxy-4-methyl-	*1800*	*T J N*	*ug/Kg*	☼	*3.26*	*107-70-0*	*04/22/13 14:45*	*04/23/13 19:01*	*1*
Benzene-1,2,3,4-d4-, 5,6-dichloro-	*3000*	*T J N*	*ug/Kg*	☼	*4.12*	*2199-69-1*	*04/22/13 14:45*	*04/23/13 19:01*	*1*
9-Hexadecenoic acid	*170*	*T J N*	*ug/Kg*	☼	*8.06*	*2091-29-4*	*04/22/13 14:45*	*04/23/13 19:01*	*1*
1-Cyclohexylheptene	*430*	*T J N*	*ug/Kg*	☼	*8.85*	*114614-83-4*	*04/22/13 14:45*	*04/23/13 19:01*	*1*
9-Octadecenamide, (Z)-	*410*	*T J N*	*ug/Kg*	☼	*10.16*	*301-2-0*	*04/22/13 14:45*	*04/23/13 19:01*	*1*
Octadecane	*200*	*T J N*	*ug/Kg*	☼	*12.72*	*593-45-3*	*04/22/13 14:45*	*04/23/13 19:01*	*1*
4,9,13,17-Tetramethyl-4,8,12,16-octa deca	*200*	*T J N*	*ug/Kg*	☼	*13.95*	*56882-9-8*	*04/22/13 14:45*	*04/23/13 19:01*	*1*
Tetracontane, 3,5,24-trimethyl-	*270*	*T J N*	*ug/Kg*	☼	*14.80*	*55162-61-3*	*04/22/13 14:45*	*04/23/13 19:01*	*1*
9-Cedranone	*180*	*T J N*	*ug/Kg*	☼	*16.92*	*1000156-23-2*	*04/22/13 14:45*	*04/23/13 19:01*	*1*
Tricosane	*430*	*T J N*	*ug/Kg*	☼	*17.16*	*638-67-5*	*04/22/13 14:45*	*04/23/13 19:01*	*1*
Ergost-5-en-3-ol, (3.beta.)-	*510*	*T J N*	*ug/Kg*	☼	*19.01*	*4651-51-8*	*04/22/13 14:45*	*04/23/13 19:01*	*1*
Unknown	*350*	*T J*	*ug/Kg*	☼	*19.14*		*04/22/13 14:45*	*04/23/13 19:01*	*1*
Stigmasterol	*720*	*T J N*	*ug/Kg*	☼	*19.21*	*83-48-7*	*04/22/13 14:45*	*04/23/13 19:01*	*1*
.gamma.-Sitosterol	*2200*	*T J N*	*ug/Kg*	☼	*19.62*	*83-47-6*	*04/22/13 14:45*	*04/23/13 19:01*	*1*
1H-Indole, 5-methyl-2-phenyl-	*250*	*T J N*	*ug/Kg*	☼	*19.71*	*13228-36-9*	*04/22/13 14:45*	*04/23/13 19:01*	*1*
9,11-Dimethyltetracyclo[7.3.1.0(2.7).1 (7	*900*	*T J N*	*ug/Kg*	☼	*19.78*	*1000215-30-6*	*04/22/13 14:45*	*04/23/13 19:01*	*1*
Benzo[b]naphtho[2,3-d]furan	*770*	*T J N*	*ug/Kg*	☼	*19.96*	*243-42-5*	*04/22/13 14:45*	*04/23/13 19:01*	*1*
Naphthalene, decahydro-1,8a-dimethyl-7-(	*190*	*T J N*	*ug/Kg*	☼	*20.07*	*15404-63-4*	*04/22/13 14:45*	*04/23/13 19:01*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*84*		*53 - 120*	*04/22/13 14:45*	*04/23/13 19:01*	*1*
Phenol-d5	*88*		*52 - 120*	*04/22/13 14:45*	*04/23/13 19:01*	*1*
Nitrobenzene-d5	*78*		*50 - 120*	*04/22/13 14:45*	*04/23/13 19:01*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: WFE09-01-51-20130421 — **Lab Sample ID: 280-41262-10**
Date Collected: 04/21/13 01:13 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 85.5**

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*82*		*50 - 120*	*04/22/13 14:45*	*04/23/13 19:01*	*1*
2,4,6-Tribromophenol	*81*		*51 - 120*	*04/22/13 14:45*	*04/23/13 19:01*	*1*
Terphenyl-d14	*99*		*55 - 120*	*04/22/13 14:45*	*04/23/13 19:01*	*1*

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique

Client Sample ID: WFE01-01-51-20130421 — **Lab Sample ID: 280-41262-1**
Date Collected: 04/21/13 00:54 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 90.9**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		72	16	ug/Kg	☼	04/24/13 10:17	04/24/13 16:45	1
Bolstar	ND		36	5.1	ug/Kg	☼	04/24/13 10:17	04/24/13 16:45	1
Chlorpyrifos	ND		36	7.4	ug/Kg	☼	04/24/13 10:17	04/24/13 16:45	1
Coumaphos	ND		360	24	ug/Kg	☼	04/24/13 10:17	04/24/13 16:45	1
Demeton, Total	ND		91	8.4	ug/Kg	☼	04/24/13 10:17	04/24/13 16:45	1
Diazinon	ND		36	6.2	ug/Kg	☼	04/24/13 10:17	04/24/13 16:45	1
Dichlorvos	ND		72	7.0	ug/Kg	☼	04/24/13 10:17	04/24/13 16:45	1
Dimethoate	ND		72	9.6	ug/Kg	☼	04/24/13 10:17	04/24/13 16:45	1
Disulfoton	ND		72	18	ug/Kg	☼	04/24/13 10:17	04/24/13 16:45	1
EPN	ND		36	4.9	ug/Kg	☼	04/24/13 10:17	04/24/13 16:45	1
Fensulfothion	ND		360	13	ug/Kg	☼	04/24/13 10:17	04/24/13 16:45	1
Fenthion	ND		36	5.1	ug/Kg	☼	04/24/13 10:17	04/24/13 16:45	1
Malathion	ND		36	9.0	ug/Kg	☼	04/24/13 10:17	04/24/13 16:45	1
Merphos	ND		36	12	ug/Kg	☼	04/24/13 10:17	04/24/13 16:45	1
Methyl parathion	ND		19	5.9	ug/Kg	☼	04/24/13 10:17	04/24/13 16:45	1
Mevinphos	ND		72	5.0	ug/Kg	☼	04/24/13 10:17	04/24/13 16:45	1
Ethoprop	ND		19	4.6	ug/Kg	☼	04/24/13 10:17	04/24/13 16:45	1
Monochrotophos	ND		360	50	ug/Kg	☼	04/24/13 10:17	04/24/13 16:45	1
Naled	ND		360	24	ug/Kg	☼	04/24/13 10:17	04/24/13 16:45	1
Ethyl Parathion	ND		36	6.0	ug/Kg	☼	04/24/13 10:17	04/24/13 16:45	1
Phorate	ND		36	5.9	ug/Kg	☼	04/24/13 10:17	04/24/13 16:45	1
Ronnel	ND		36	4.6	ug/Kg	☼	04/24/13 10:17	04/24/13 16:45	1
Stirophos	ND		36	7.0	ug/Kg	☼	04/24/13 10:17	04/24/13 16:45	1
Sulfotepp	ND		19	9.4	ug/Kg	☼	04/24/13 10:17	04/24/13 16:45	1
Tokuthion	ND		36	5.9	ug/Kg	☼	04/24/13 10:17	04/24/13 16:45	1
Trichloronate	ND		360	8.3	ug/Kg	☼	04/24/13 10:17	04/24/13 16:45	1
Propiconazole	ND		36	9.5	ug/Kg	☼	04/24/13 10:17	04/24/13 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*74*		*35 - 134*	*04/24/13 10:17*	*04/24/13 16:45*	*1*

Client Sample ID: WFE02-01-51-20130421 — **Lab Sample ID: 280-41262-2**
Date Collected: 04/21/13 02:08 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 83.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		78	18	ug/Kg	☼	04/24/13 10:17	04/24/13 17:00	1
Bolstar	ND		39	5.5	ug/Kg	☼	04/24/13 10:17	04/24/13 17:00	1
Chlorpyrifos	ND		39	8.0	ug/Kg	☼	04/24/13 10:17	04/24/13 17:00	1

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique (Continued)

Client Sample ID: WFE02-01-51-20130421 — **Lab Sample ID: 280-41262-2**
Date Collected: 04/21/13 02:08 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 83.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Coumaphos	ND		390	26	ug/Kg	☼	04/24/13 10:17	04/24/13 17:00	1
Demeton, Total	ND		98	9.1	ug/Kg	☼	04/24/13 10:17	04/24/13 17:00	1
Diazinon	ND		39	6.7	ug/Kg	☼	04/24/13 10:17	04/24/13 17:00	1
Dichlorvos	ND		78	7.5	ug/Kg	☼	04/24/13 10:17	04/24/13 17:00	1
Dimethoate	ND		78	10	ug/Kg	☼	04/24/13 10:17	04/24/13 17:00	1
Disulfoton	ND		78	19	ug/Kg	☼	04/24/13 10:17	04/24/13 17:00	1
EPN	ND		39	5.3	ug/Kg	☼	04/24/13 10:17	04/24/13 17:00	1
Fensulfothion	ND		390	14	ug/Kg	☼	04/24/13 10:17	04/24/13 17:00	1
Fenthion	ND		39	5.5	ug/Kg	☼	04/24/13 10:17	04/24/13 17:00	1
Malathion	ND		39	9.7	ug/Kg	☼	04/24/13 10:17	04/24/13 17:00	1
Merphos	ND		39	13	ug/Kg	☼	04/24/13 10:17	04/24/13 17:00	1
Methyl parathion	ND		20	6.4	ug/Kg	☼	04/24/13 10:17	04/24/13 17:00	1
Mevinphos	ND		78	5.4	ug/Kg	☼	04/24/13 10:17	04/24/13 17:00	1
Ethoprop	ND		20	4.9	ug/Kg	☼	04/24/13 10:17	04/24/13 17:00	1
Monochrotophos	ND		390	54	ug/Kg	☼	04/24/13 10:17	04/24/13 17:00	1
Naled	ND		390	26	ug/Kg	☼	04/24/13 10:17	04/24/13 17:00	1
Ethyl Parathion	ND		39	6.5	ug/Kg	☼	04/24/13 10:17	04/24/13 17:00	1
Phorate	ND		39	6.4	ug/Kg	☼	04/24/13 10:17	04/24/13 17:00	1
Ronnel	ND		39	4.9	ug/Kg	☼	04/24/13 10:17	04/24/13 17:00	1
Stirophos	ND		39	7.5	ug/Kg	☼	04/24/13 10:17	04/24/13 17:00	1
Sulfotepp	ND		20	10	ug/Kg	☼	04/24/13 10:17	04/24/13 17:00	1
Tokuthion	ND		39	6.4	ug/Kg	☼	04/24/13 10:17	04/24/13 17:00	1
Trichloronate	ND		390	9.0	ug/Kg	☼	04/24/13 10:17	04/24/13 17:00	1
Propiconazole	ND		39	10	ug/Kg	☼	04/24/13 10:17	04/24/13 17:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*62*		*35 - 134*	*04/24/13 10:17*	*04/24/13 17:00*	*1*

Client Sample ID: WFE03-01-51-20130421 — **Lab Sample ID: 280-41262-3**
Date Collected: 04/21/13 10:20 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 81.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		80	18	ug/Kg	☼	04/24/13 10:17	04/24/13 17:14	1
Bolstar	ND		40	5.7	ug/Kg	☼	04/24/13 10:17	04/24/13 17:14	1
Chlorpyrifos	ND		40	8.3	ug/Kg	☼	04/24/13 10:17	04/24/13 17:14	1
Coumaphos	ND		400	27	ug/Kg	☼	04/24/13 10:17	04/24/13 17:14	1
Demeton, Total	ND		100	9.4	ug/Kg	☼	04/24/13 10:17	04/24/13 17:14	1
Diazinon	ND		40	6.9	ug/Kg	☼	04/24/13 10:17	04/24/13 17:14	1
Dichlorvos	ND		80	7.8	ug/Kg	☼	04/24/13 10:17	04/24/13 17:14	1
Dimethoate	ND		80	11	ug/Kg	☼	04/24/13 10:17	04/24/13 17:14	1
Disulfoton	ND		80	19	ug/Kg	☼	04/24/13 10:17	04/24/13 17:14	1
EPN	ND		40	5.5	ug/Kg	☼	04/24/13 10:17	04/24/13 17:14	1
Fensulfothion	ND		400	15	ug/Kg	☼	04/24/13 10:17	04/24/13 17:14	1
Fenthion	ND		40	5.7	ug/Kg	☼	04/24/13 10:17	04/24/13 17:14	1
Malathion	ND		40	10	ug/Kg	☼	04/24/13 10:17	04/24/13 17:14	1
Merphos	ND		40	13	ug/Kg	☼	04/24/13 10:17	04/24/13 17:14	1
Methyl parathion	ND		21	6.6	ug/Kg	☼	04/24/13 10:17	04/24/13 17:14	1
Mevinphos	ND		80	5.6	ug/Kg	☼	04/24/13 10:17	04/24/13 17:14	1
Ethoprop	ND		21	5.1	ug/Kg	☼	04/24/13 10:17	04/24/13 17:14	1

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique (Continued)

Client Sample ID: WFE03-01-51-20130421 — **Lab Sample ID: 280-41262-3**
Date Collected: 04/21/13 10:20 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 81.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Monochrotophos	ND		400	56	ug/Kg	☼	04/24/13 10:17	04/24/13 17:14	1
Naled	ND		400	27	ug/Kg	☼	04/24/13 10:17	04/24/13 17:14	1
Ethyl Parathion	ND		40	6.7	ug/Kg	☼	04/24/13 10:17	04/24/13 17:14	1
Phorate	ND		40	6.6	ug/Kg	☼	04/24/13 10:17	04/24/13 17:14	1
Ronnel	ND		40	5.1	ug/Kg	☼	04/24/13 10:17	04/24/13 17:14	1
Stirophos	ND		40	7.8	ug/Kg	☼	04/24/13 10:17	04/24/13 17:14	1
Sulfotepp	ND		21	10	ug/Kg	☼	04/24/13 10:17	04/24/13 17:14	1
Tokuthion	ND		40	6.6	ug/Kg	☼	04/24/13 10:17	04/24/13 17:14	1
Trichloronate	ND		400	9.3	ug/Kg	☼	04/24/13 10:17	04/24/13 17:14	1
Propiconazole	ND		40	11	ug/Kg	☼	04/24/13 10:17	04/24/13 17:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*73*		*35 - 134*	*04/24/13 10:17*	*04/24/13 17:14*	*1*

Client Sample ID: WFE04-01-51-20130421 — **Lab Sample ID: 280-41262-4**
Date Collected: 04/21/13 10:45 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 87.1**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		75	17	ug/Kg	☼	04/24/13 10:17	04/24/13 17:29	1
Bolstar	ND		38	5.3	ug/Kg	☼	04/24/13 10:17	04/24/13 17:29	1
Chlorpyrifos	ND		38	7.7	ug/Kg	☼	04/24/13 10:17	04/24/13 17:29	1
Coumaphos	ND		380	25	ug/Kg	☼	04/24/13 10:17	04/24/13 17:29	1
Demeton, Total	ND		94	8.8	ug/Kg	☼	04/24/13 10:17	04/24/13 17:29	1
Diazinon	ND		38	6.5	ug/Kg	☼	04/24/13 10:17	04/24/13 17:29	1
Dichlorvos	ND		75	7.3	ug/Kg	☼	04/24/13 10:17	04/24/13 17:29	1
Dimethoate	ND		75	10	ug/Kg	☼	04/24/13 10:17	04/24/13 17:29	1
Disulfoton	ND		75	18	ug/Kg	☼	04/24/13 10:17	04/24/13 17:29	1
EPN	ND		38	5.1	ug/Kg	☼	04/24/13 10:17	04/24/13 17:29	1
Fensulfothion	ND		380	14	ug/Kg	☼	04/24/13 10:17	04/24/13 17:29	1
Fenthion	ND		38	5.3	ug/Kg	☼	04/24/13 10:17	04/24/13 17:29	1
Malathion	**9.5**	**J**	38	9.3	ug/Kg	☼	04/24/13 10:17	04/24/13 17:29	1
Merphos	ND		38	13	ug/Kg	☼	04/24/13 10:17	04/24/13 17:29	1
Methyl parathion	ND		19	6.1	ug/Kg	☼	04/24/13 10:17	04/24/13 17:29	1
Mevinphos	ND		75	5.2	ug/Kg	☼	04/24/13 10:17	04/24/13 17:29	1
Ethoprop	ND		19	4.8	ug/Kg	☼	04/24/13 10:17	04/24/13 17:29	1
Monochrotophos	ND		380	52	ug/Kg	☼	04/24/13 10:17	04/24/13 17:29	1
Naled	ND		380	25	ug/Kg	☼	04/24/13 10:17	04/24/13 17:29	1
Ethyl Parathion	ND		38	6.3	ug/Kg	☼	04/24/13 10:17	04/24/13 17:29	1
Phorate	ND		38	6.1	ug/Kg	☼	04/24/13 10:17	04/24/13 17:29	1
Ronnel	ND		38	4.8	ug/Kg	☼	04/24/13 10:17	04/24/13 17:29	1
Stirophos	ND		38	7.3	ug/Kg	☼	04/24/13 10:17	04/24/13 17:29	1
Sulfotepp	ND		19	9.8	ug/Kg	☼	04/24/13 10:17	04/24/13 17:29	1
Tokuthion	ND		38	6.1	ug/Kg	☼	04/24/13 10:17	04/24/13 17:29	1
Trichloronate	ND		380	8.6	ug/Kg	☼	04/24/13 10:17	04/24/13 17:29	1
Propiconazole	ND		38	9.9	ug/Kg	☼	04/24/13 10:17	04/24/13 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*70*		*35 - 134*	*04/24/13 10:17*	*04/24/13 17:29*	*1*

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique

Client Sample ID: WFE05-01-51-20130421 — **Lab Sample ID: 280-41262-5**
Date Collected: 04/21/13 11:05 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 82.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		78	18	ug/Kg	☼	04/24/13 10:17	04/24/13 17:44	1
Bolstar	ND		39	5.6	ug/Kg	☼	04/24/13 10:17	04/24/13 17:44	1
Chlorpyrifos	ND		39	8.1	ug/Kg	☼	04/24/13 10:17	04/24/13 17:44	1
Coumaphos	ND		390	26	ug/Kg	☼	04/24/13 10:17	04/24/13 17:44	1
Demeton, Total	ND		98	9.1	ug/Kg	☼	04/24/13 10:17	04/24/13 17:44	1
Diazinon	ND		39	6.8	ug/Kg	☼	04/24/13 10:17	04/24/13 17:44	1
Dichlorvos	ND		78	7.6	ug/Kg	☼	04/24/13 10:17	04/24/13 17:44	1
Dimethoate	ND		78	10	ug/Kg	☼	04/24/13 10:17	04/24/13 17:44	1
Disulfoton	ND		78	19	ug/Kg	☼	04/24/13 10:17	04/24/13 17:44	1
EPN	ND		39	5.3	ug/Kg	☼	04/24/13 10:17	04/24/13 17:44	1
Fensulfothion	ND		390	14	ug/Kg	☼	04/24/13 10:17	04/24/13 17:44	1
Fenthion	ND		39	5.6	ug/Kg	☼	04/24/13 10:17	04/24/13 17:44	1
Malathion	ND		39	9.7	ug/Kg	☼	04/24/13 10:17	04/24/13 17:44	1
Merphos	ND		39	13	ug/Kg	☼	04/24/13 10:17	04/24/13 17:44	1
Methyl parathion	ND		20	6.4	ug/Kg	☼	04/24/13 10:17	04/24/13 17:44	1
Mevinphos	ND		78	5.5	ug/Kg	☼	04/24/13 10:17	04/24/13 17:44	1
Ethoprop	ND		20	5.0	ug/Kg	☼	04/24/13 10:17	04/24/13 17:44	1
Monochrotophos	ND		390	55	ug/Kg	☼	04/24/13 10:17	04/24/13 17:44	1
Naled	ND		390	26	ug/Kg	☼	04/24/13 10:17	04/24/13 17:44	1
Ethyl Parathion	ND		39	6.5	ug/Kg	☼	04/24/13 10:17	04/24/13 17:44	1
Phorate	ND		39	6.4	ug/Kg	☼	04/24/13 10:17	04/24/13 17:44	1
Ronnel	ND		39	5.0	ug/Kg	☼	04/24/13 10:17	04/24/13 17:44	1
Stirophos	ND		39	7.6	ug/Kg	☼	04/24/13 10:17	04/24/13 17:44	1
Sulfotepp	ND		20	10	ug/Kg	☼	04/24/13 10:17	04/24/13 17:44	1
Tokuthion	ND		39	6.4	ug/Kg	☼	04/24/13 10:17	04/24/13 17:44	1
Trichloronate	ND		390	9.0	ug/Kg	☼	04/24/13 10:17	04/24/13 17:44	1
Propiconazole	ND		39	10	ug/Kg	☼	04/24/13 10:17	04/24/13 17:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*81*		*35 - 134*	*04/24/13 10:17*	*04/24/13 17:44*	*1*

Client Sample ID: WFE06-01-51-20130421 — **Lab Sample ID: 280-41262-6**
Date Collected: 04/21/13 09:45 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 85.5**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		75	17	ug/Kg	☼	04/24/13 10:17	04/24/13 16:30	1
Bolstar	ND		38	5.4	ug/Kg	☼	04/24/13 10:17	04/24/13 16:30	1
Chlorpyrifos	ND		38	7.8	ug/Kg	☼	04/24/13 10:17	04/24/13 16:30	1
Coumaphos	ND		380	25	ug/Kg	☼	04/24/13 10:17	04/24/13 16:30	1
Demeton, Total	ND		95	8.8	ug/Kg	☼	04/24/13 10:17	04/24/13 16:30	1
Diazinon	ND		38	6.5	ug/Kg	☼	04/24/13 10:17	04/24/13 16:30	1
Dichlorvos	ND		75	7.3	ug/Kg	☼	04/24/13 10:17	04/24/13 16:30	1
Dimethoate	ND		75	10	ug/Kg	☼	04/24/13 10:17	04/24/13 16:30	1
Disulfoton	ND		75	18	ug/Kg	☼	04/24/13 10:17	04/24/13 16:30	1
EPN	ND		38	5.1	ug/Kg	☼	04/24/13 10:17	04/24/13 16:30	1
Fensulfothion	ND		380	14	ug/Kg	☼	04/24/13 10:17	04/24/13 16:30	1
Fenthion	ND		38	5.4	ug/Kg	☼	04/24/13 10:17	04/24/13 16:30	1
Malathion	ND		38	9.4	ug/Kg	☼	04/24/13 10:17	04/24/13 16:30	1
Merphos	ND		38	13	ug/Kg	☼	04/24/13 10:17	04/24/13 16:30	1

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique (Continued)

Client Sample ID: WFE06-01-51-20130421 — **Lab Sample ID: 280-41262-6**
Date Collected: 04/21/13 09:45 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 85.5**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl parathion	ND		19	6.2	ug/Kg	☼	04/24/13 10:17	04/24/13 16:30	1
Mevinphos	ND		75	5.3	ug/Kg	☼	04/24/13 10:17	04/24/13 16:30	1
Ethoprop	ND		19	4.8	ug/Kg	☼	04/24/13 10:17	04/24/13 16:30	1
Monochrotophos	ND		380	53	ug/Kg	☼	04/24/13 10:17	04/24/13 16:30	1
Naled	ND		380	25	ug/Kg	☼	04/24/13 10:17	04/24/13 16:30	1
Ethyl Parathion	ND		38	6.3	ug/Kg	☼	04/24/13 10:17	04/24/13 16:30	1
Phorate	ND		38	6.2	ug/Kg	☼	04/24/13 10:17	04/24/13 16:30	1
Ronnel	ND		38	4.8	ug/Kg	☼	04/24/13 10:17	04/24/13 16:30	1
Stirophos	ND		38	7.3	ug/Kg	☼	04/24/13 10:17	04/24/13 16:30	1
Sulfotepp	ND		19	9.8	ug/Kg	☼	04/24/13 10:17	04/24/13 16:30	1
Tokuthion	ND		38	6.2	ug/Kg	☼	04/24/13 10:17	04/24/13 16:30	1
Trichloronate	ND		380	8.7	ug/Kg	☼	04/24/13 10:17	04/24/13 16:30	1
Propiconazole	ND		38	9.9	ug/Kg	☼	04/24/13 10:17	04/24/13 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*68*		*35 - 134*	*04/24/13 10:17*	*04/24/13 16:30*	*1*

Client Sample ID: WFE07-01-51-20130421 — **Lab Sample ID: 280-41262-7**
Date Collected: 04/21/13 10:00 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 90.9**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		71	16	ug/Kg	☼	04/24/13 10:17	04/24/13 17:59	1
Bolstar	ND		36	5.1	ug/Kg	☼	04/24/13 10:17	04/24/13 17:59	1
Chlorpyrifos	ND		36	7.3	ug/Kg	☼	04/24/13 10:17	04/24/13 17:59	1
Coumaphos	ND		360	24	ug/Kg	☼	04/24/13 10:17	04/24/13 17:59	1
Demeton, Total	ND		90	8.3	ug/Kg	☼	04/24/13 10:17	04/24/13 17:59	1
Diazinon	ND		36	6.1	ug/Kg	☼	04/24/13 10:17	04/24/13 17:59	1
Dichlorvos	ND		71	6.9	ug/Kg	☼	04/24/13 10:17	04/24/13 17:59	1
Dimethoate	ND		71	9.5	ug/Kg	☼	04/24/13 10:17	04/24/13 17:59	1
Disulfoton	ND		71	17	ug/Kg	☼	04/24/13 10:17	04/24/13 17:59	1
EPN	ND		36	4.9	ug/Kg	☼	04/24/13 10:17	04/24/13 17:59	1
Fensulfothion	ND		360	13	ug/Kg	☼	04/24/13 10:17	04/24/13 17:59	1
Fenthion	ND		36	5.1	ug/Kg	☼	04/24/13 10:17	04/24/13 17:59	1
Malathion	ND		36	8.8	ug/Kg	☼	04/24/13 10:17	04/24/13 17:59	1
Merphos	ND		36	12	ug/Kg	☼	04/24/13 10:17	04/24/13 17:59	1
Methyl parathion	ND		18	5.8	ug/Kg	☼	04/24/13 10:17	04/24/13 17:59	1
Mevinphos	ND		71	5.0	ug/Kg	☼	04/24/13 10:17	04/24/13 17:59	1
Ethoprop	ND		18	4.5	ug/Kg	☼	04/24/13 10:17	04/24/13 17:59	1
Monochrotophos	ND		360	50	ug/Kg	☼	04/24/13 10:17	04/24/13 17:59	1
Naled	ND		360	24	ug/Kg	☼	04/24/13 10:17	04/24/13 17:59	1
Ethyl Parathion	ND		36	5.9	ug/Kg	☼	04/24/13 10:17	04/24/13 17:59	1
Phorate	ND		36	5.8	ug/Kg	☼	04/24/13 10:17	04/24/13 17:59	1
Ronnel	ND		36	4.5	ug/Kg	☼	04/24/13 10:17	04/24/13 17:59	1
Stirophos	ND		36	6.9	ug/Kg	☼	04/24/13 10:17	04/24/13 17:59	1
Sulfotepp	ND		18	9.3	ug/Kg	☼	04/24/13 10:17	04/24/13 17:59	1
Tokuthion	ND		36	5.8	ug/Kg	☼	04/24/13 10:17	04/24/13 17:59	1
Trichloronate	ND		360	8.2	ug/Kg	☼	04/24/13 10:17	04/24/13 17:59	1
Propiconazole	ND		36	9.4	ug/Kg	☼	04/24/13 10:17	04/24/13 17:59	1

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Triphenylphosphate	*57*		*35 - 134*	*04/24/13 10:17*	*04/24/13 17:59*	*1*

Client Sample ID: WFE07-01-52-20130421 — **Lab Sample ID: 280-41262-8**
Date Collected: 04/21/13 10:05 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 91.4**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		71	16	ug/Kg	☼	04/24/13 10:17	04/24/13 18:14	1
Bolstar	ND		35	5.0	ug/Kg	☼	04/24/13 10:17	04/24/13 18:14	1
Chlorpyrifos	ND		35	7.3	ug/Kg	☼	04/24/13 10:17	04/24/13 18:14	1
Coumaphos	ND		350	24	ug/Kg	☼	04/24/13 10:17	04/24/13 18:14	1
Demeton, Total	ND		89	8.2	ug/Kg	☼	04/24/13 10:17	04/24/13 18:14	1
Diazinon	ND		35	6.1	ug/Kg	☼	04/24/13 10:17	04/24/13 18:14	1
Dichlorvos	ND		71	6.8	ug/Kg	☼	04/24/13 10:17	04/24/13 18:14	1
Dimethoate	ND		71	9.4	ug/Kg	☼	04/24/13 10:17	04/24/13 18:14	1
Disulfoton	ND		71	17	ug/Kg	☼	04/24/13 10:17	04/24/13 18:14	1
EPN	ND		35	4.8	ug/Kg	☼	04/24/13 10:17	04/24/13 18:14	1
Fensulfothion	ND		350	13	ug/Kg	☼	04/24/13 10:17	04/24/13 18:14	1
Fenthion	ND		35	5.0	ug/Kg	☼	04/24/13 10:17	04/24/13 18:14	1
Malathion	ND		35	8.8	ug/Kg	☼	04/24/13 10:17	04/24/13 18:14	1
Merphos	ND		35	12	ug/Kg	☼	04/24/13 10:17	04/24/13 18:14	1
Methyl parathion	ND		18	5.8	ug/Kg	☼	04/24/13 10:17	04/24/13 18:14	1
Mevinphos	ND		71	4.9	ug/Kg	☼	04/24/13 10:17	04/24/13 18:14	1
Ethoprop	ND		18	4.5	ug/Kg	☼	04/24/13 10:17	04/24/13 18:14	1
Monochrotophos	ND		350	49	ug/Kg	☼	04/24/13 10:17	04/24/13 18:14	1
Naled	ND		350	24	ug/Kg	☼	04/24/13 10:17	04/24/13 18:14	1
Ethyl Parathion	ND		35	5.9	ug/Kg	☼	04/24/13 10:17	04/24/13 18:14	1
Phorate	ND		35	5.8	ug/Kg	☼	04/24/13 10:17	04/24/13 18:14	1
Ronnel	ND		35	4.5	ug/Kg	☼	04/24/13 10:17	04/24/13 18:14	1
Stirophos	ND		35	6.8	ug/Kg	☼	04/24/13 10:17	04/24/13 18:14	1
Sulfotepp	ND		18	9.2	ug/Kg	☼	04/24/13 10:17	04/24/13 18:14	1
Tokuthion	ND		35	5.8	ug/Kg	☼	04/24/13 10:17	04/24/13 18:14	1
Trichloronate	ND		350	8.1	ug/Kg	☼	04/24/13 10:17	04/24/13 18:14	1
Propiconazole	ND		35	9.3	ug/Kg	☼	04/24/13 10:17	04/24/13 18:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Triphenylphosphate	*67*		*35 - 134*	*04/24/13 10:17*	*04/24/13 18:14*	*1*

Client Sample ID: WFE08-01-51-20130421 — **Lab Sample ID: 280-41262-9**
Date Collected: 04/21/13 01:42 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 80.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		80	18	ug/Kg	☼	04/24/13 10:17	04/24/13 18:29	1
Bolstar	ND		40	5.7	ug/Kg	☼	04/24/13 10:17	04/24/13 18:29	1
Chlorpyrifos	ND		40	8.2	ug/Kg	☼	04/24/13 10:17	04/24/13 18:29	1
Coumaphos	ND		400	27	ug/Kg	☼	04/24/13 10:17	04/24/13 18:29	1
Demeton, Total	ND		100	9.3	ug/Kg	☼	04/24/13 10:17	04/24/13 18:29	1
Diazinon	ND		40	6.9	ug/Kg	☼	04/24/13 10:17	04/24/13 18:29	1
Dichlorvos	ND		80	7.7	ug/Kg	☼	04/24/13 10:17	04/24/13 18:29	1
Dimethoate	ND		80	11	ug/Kg	☼	04/24/13 10:17	04/24/13 18:29	1
Disulfoton	ND		80	19	ug/Kg	☼	04/24/13 10:17	04/24/13 18:29	1
EPN	ND		40	5.4	ug/Kg	☼	04/24/13 10:17	04/24/13 18:29	1

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique (Continued)

Client Sample ID: WFE08-01-51-20130421 — **Lab Sample ID: 280-41262-9**
Date Collected: 04/21/13 01:42 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 80.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fensulfothion	ND		400	15	ug/Kg	☼	04/24/13 10:17	04/24/13 18:29	1
Fenthion	ND		40	5.7	ug/Kg	☼	04/24/13 10:17	04/24/13 18:29	1
Malathion	ND		40	9.9	ug/Kg	☼	04/24/13 10:17	04/24/13 18:29	1
Merphos	ND		40	13	ug/Kg	☼	04/24/13 10:17	04/24/13 18:29	1
Methyl parathion	ND		21	6.5	ug/Kg	☼	04/24/13 10:17	04/24/13 18:29	1
Mevinphos	ND		80	5.6	ug/Kg	☼	04/24/13 10:17	04/24/13 18:29	1
Ethoprop	ND		21	5.1	ug/Kg	☼	04/24/13 10:17	04/24/13 18:29	1
Monochrotophos	ND		400	56	ug/Kg	☼	04/24/13 10:17	04/24/13 18:29	1
Naled	ND		400	27	ug/Kg	☼	04/24/13 10:17	04/24/13 18:29	1
Ethyl Parathion	ND		40	6.7	ug/Kg	☼	04/24/13 10:17	04/24/13 18:29	1
Phorate	ND		40	6.5	ug/Kg	☼	04/24/13 10:17	04/24/13 18:29	1
Ronnel	ND		40	5.1	ug/Kg	☼	04/24/13 10:17	04/24/13 18:29	1
Stirophos	ND		40	7.7	ug/Kg	☼	04/24/13 10:17	04/24/13 18:29	1
Sulfotepp	ND		21	10	ug/Kg	☼	04/24/13 10:17	04/24/13 18:29	1
Tokuthion	ND		40	6.5	ug/Kg	☼	04/24/13 10:17	04/24/13 18:29	1
Trichloronate	ND		400	9.2	ug/Kg	☼	04/24/13 10:17	04/24/13 18:29	1
Propiconazole	ND		40	11	ug/Kg	☼	04/24/13 10:17	04/24/13 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*57*		*35 - 134*	*04/24/13 10:17*	*04/24/13 18:29*	*1*

Client Sample ID: WFE09-01-51-20130421 — **Lab Sample ID: 280-41262-10**
Date Collected: 04/21/13 01:13 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 85.5**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		75	17	ug/Kg	☼	04/24/13 10:17	04/24/13 18:44	1
Bolstar	ND		38	5.4	ug/Kg	☼	04/24/13 10:17	04/24/13 18:44	1
Chlorpyrifos	ND		38	7.8	ug/Kg	☼	04/24/13 10:17	04/24/13 18:44	1
Coumaphos	ND		380	25	ug/Kg	☼	04/24/13 10:17	04/24/13 18:44	1
Demeton, Total	ND		95	8.8	ug/Kg	☼	04/24/13 10:17	04/24/13 18:44	1
Diazinon	ND		38	6.5	ug/Kg	☼	04/24/13 10:17	04/24/13 18:44	1
Dichlorvos	ND		75	7.3	ug/Kg	☼	04/24/13 10:17	04/24/13 18:44	1
Dimethoate	ND		75	10	ug/Kg	☼	04/24/13 10:17	04/24/13 18:44	1
Disulfoton	ND		75	18	ug/Kg	☼	04/24/13 10:17	04/24/13 18:44	1
EPN	ND		38	5.1	ug/Kg	☼	04/24/13 10:17	04/24/13 18:44	1
Fensulfothion	ND		380	14	ug/Kg	☼	04/24/13 10:17	04/24/13 18:44	1
Fenthion	ND		38	5.4	ug/Kg	☼	04/24/13 10:17	04/24/13 18:44	1
Malathion	ND		38	9.4	ug/Kg	☼	04/24/13 10:17	04/24/13 18:44	1
Merphos	ND		38	13	ug/Kg	☼	04/24/13 10:17	04/24/13 18:44	1
Methyl parathion	ND		19	6.2	ug/Kg	☼	04/24/13 10:17	04/24/13 18:44	1
Mevinphos	ND		75	5.3	ug/Kg	☼	04/24/13 10:17	04/24/13 18:44	1
Ethoprop	ND		19	4.8	ug/Kg	☼	04/24/13 10:17	04/24/13 18:44	1
Monochrotophos	ND		380	53	ug/Kg	☼	04/24/13 10:17	04/24/13 18:44	1
Naled	ND		380	25	ug/Kg	☼	04/24/13 10:17	04/24/13 18:44	1
Ethyl Parathion	ND		38	6.3	ug/Kg	☼	04/24/13 10:17	04/24/13 18:44	1
Phorate	ND		38	6.2	ug/Kg	☼	04/24/13 10:17	04/24/13 18:44	1
Ronnel	ND		38	4.8	ug/Kg	☼	04/24/13 10:17	04/24/13 18:44	1
Stirophos	ND		38	7.3	ug/Kg	☼	04/24/13 10:17	04/24/13 18:44	1
Sulfotepp	ND		19	9.8	ug/Kg	☼	04/24/13 10:17	04/24/13 18:44	1

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique (Continued)

Client Sample ID: WFE09-01-51-20130421 — **Lab Sample ID: 280-41262-10**
Date Collected: 04/21/13 01:13 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 85.5**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tokuthion	ND		38	6.2	ug/Kg	☼	04/24/13 10:17	04/24/13 18:44	1
Trichloronate	ND		380	8.7	ug/Kg	☼	04/24/13 10:17	04/24/13 18:44	1
Propiconazole	ND		38	9.9	ug/Kg	☼	04/24/13 10:17	04/24/13 18:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*50*		*35 - 134*	*04/24/13 10:17*	*04/24/13 18:44*	*1*

Method: 8151A - Herbicides (GC)

Client Sample ID: WFE01-01-51-20130421 — **Lab Sample ID: 280-41262-1**
Date Collected: 04/21/13 00:54 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 90.9**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		850	150	ug/Kg	☼	04/22/13 20:20	04/24/13 13:18	10
2,4,5-T	ND		210	24	ug/Kg	☼	04/22/13 20:20	04/24/13 13:18	10
2,4-DB	ND		850	79	ug/Kg	☼	04/22/13 20:20	04/24/13 13:18	10
Silvex (2,4,5-TP)	ND		210	15	ug/Kg	☼	04/22/13 20:20	04/24/13 13:18	10
Dalapon	ND		420	15	ug/Kg	☼	04/22/13 20:20	04/24/13 13:18	10
Dicamba	ND		420	15	ug/Kg	☼	04/22/13 20:20	04/24/13 13:18	10
Dichlorprop	ND		850	34	ug/Kg	☼	04/22/13 20:20	04/24/13 13:18	10
MCPA	ND		85000	21000	ug/Kg	☼	04/22/13 20:20	04/24/13 13:18	10
Picloram	ND		110	15	ug/Kg	☼	04/22/13 20:20	04/24/13 13:18	10
MCPP	ND		85000	21000	ug/Kg	☼	04/22/13 20:20	04/24/13 13:18	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*5*	*X D*	*31 - 105*	*04/22/13 20:20*	*04/24/13 13:18*	*10*
2,4-Dichlorophenylacetic acid	*20*	*X D*	*31 - 105*	*04/22/13 20:20*	*04/24/13 13:18*	*10*

Client Sample ID: WFE02-01-51-20130421 — **Lab Sample ID: 280-41262-2**
Date Collected: 04/21/13 02:08 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 83.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		930	160	ug/Kg	☼	04/22/13 20:20	04/24/13 13:41	10
2,4,5-T	ND		230	27	ug/Kg	☼	04/22/13 20:20	04/24/13 13:41	10
2,4-DB	ND		930	87	ug/Kg	☼	04/22/13 20:20	04/24/13 13:41	10
Silvex (2,4,5-TP)	ND		230	16	ug/Kg	☼	04/22/13 20:20	04/24/13 13:41	10
Dalapon	ND		470	16	ug/Kg	☼	04/22/13 20:20	04/24/13 13:41	10
Dicamba	ND		470	16	ug/Kg	☼	04/22/13 20:20	04/24/13 13:41	10
Dichlorprop	ND		930	37	ug/Kg	☼	04/22/13 20:20	04/24/13 13:41	10
MCPA	ND		93000	23000	ug/Kg	☼	04/22/13 20:20	04/24/13 13:41	10
Picloram	ND		120	16	ug/Kg	☼	04/22/13 20:20	04/24/13 13:41	10
MCPP	ND		93000	23000	ug/Kg	☼	04/22/13 20:20	04/24/13 13:41	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*12*	*X D*	*31 - 105*	*04/22/13 20:20*	*04/24/13 13:41*	*10*
2,4-Dichlorophenylacetic acid	*18*	*X D*	*31 - 105*	*04/22/13 20:20*	*04/24/13 13:41*	*10*

Method: 8151A - Herbicides (GC)

Client Sample ID: WFE03-01-51-20130421 — **Lab Sample ID: 280-41262-3**
Date Collected: 04/21/13 10:20 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 81.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		960	170	ug/Kg	☼	04/22/13 20:20	04/24/13 14:03	10
2,4,5-T	ND		240	28	ug/Kg	☼	04/22/13 20:20	04/24/13 14:03	10
2,4-DB	ND		960	90	ug/Kg	☼	04/22/13 20:20	04/24/13 14:03	10
Silvex (2,4,5-TP)	ND		240	17	ug/Kg	☼	04/22/13 20:20	04/24/13 14:03	10
Dalapon	ND		480	17	ug/Kg	☼	04/22/13 20:20	04/24/13 14:03	10
Dicamba	ND		480	17	ug/Kg	☼	04/22/13 20:20	04/24/13 14:03	10
Dichlorprop	ND		960	38	ug/Kg	☼	04/22/13 20:20	04/24/13 14:03	10
MCPA	ND		96000	24000	ug/Kg	☼	04/22/13 20:20	04/24/13 14:03	10
Picloram	ND		120	17	ug/Kg	☼	04/22/13 20:20	04/24/13 14:03	10
MCPP	ND		96000	24000	ug/Kg	☼	04/22/13 20:20	04/24/13 14:03	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*71*	*D*	*31 - 105*	*04/22/13 20:20*	*04/24/13 14:03*	*10*
2,4-Dichlorophenylacetic acid	*50*	*D*	*31 - 105*	*04/22/13 20:20*	*04/24/13 14:03*	*10*

Client Sample ID: WFE04-01-51-20130421 — **Lab Sample ID: 280-41262-4**
Date Collected: 04/21/13 10:45 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 87.1**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		910	160	ug/Kg	☼	04/22/13 20:20	04/24/13 14:26	10
2,4,5-T	ND		230	26	ug/Kg	☼	04/22/13 20:20	04/24/13 14:26	10
2,4-DB	ND		910	85	ug/Kg	☼	04/22/13 20:20	04/24/13 14:26	10
Silvex (2,4,5-TP)	ND		230	16	ug/Kg	☼	04/22/13 20:20	04/24/13 14:26	10
Dalapon	ND		460	16	ug/Kg	☼	04/22/13 20:20	04/24/13 14:26	10
Dicamba	ND		460	16	ug/Kg	☼	04/22/13 20:20	04/24/13 14:26	10
Dichlorprop	ND		910	36	ug/Kg	☼	04/22/13 20:20	04/24/13 14:26	10
MCPA	ND		91000	23000	ug/Kg	☼	04/22/13 20:20	04/24/13 14:26	10
Picloram	ND		110	16	ug/Kg	☼	04/22/13 20:20	04/24/13 14:26	10
MCPP	ND		91000	23000	ug/Kg	☼	04/22/13 20:20	04/24/13 14:26	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*87*	*D*	*31 - 105*	*04/22/13 20:20*	*04/24/13 14:26*	*10*
2,4-Dichlorophenylacetic acid	*64*	*D*	*31 - 105*	*04/22/13 20:20*	*04/24/13 14:26*	*10*

Client Sample ID: WFE05-01-51-20130421 — **Lab Sample ID: 280-41262-5**
Date Collected: 04/21/13 11:05 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 82.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		950	170	ug/Kg	☼	04/22/13 20:20	04/24/13 14:48	10
2,4,5-T	ND		240	27	ug/Kg	☼	04/22/13 20:20	04/24/13 14:48	10
2,4-DB	ND		950	89	ug/Kg	☼	04/22/13 20:20	04/24/13 14:48	10
Silvex (2,4,5-TP)	ND		240	17	ug/Kg	☼	04/22/13 20:20	04/24/13 14:48	10
Dalapon	ND		480	17	ug/Kg	☼	04/22/13 20:20	04/24/13 14:48	10
Dicamba	ND		480	17	ug/Kg	☼	04/22/13 20:20	04/24/13 14:48	10
Dichlorprop	ND		950	38	ug/Kg	☼	04/22/13 20:20	04/24/13 14:48	10
MCPA	ND		95000	24000	ug/Kg	☼	04/22/13 20:20	04/24/13 14:48	10
Picloram	ND		120	17	ug/Kg	☼	04/22/13 20:20	04/24/13 14:48	10
MCPP	ND		95000	24000	ug/Kg	☼	04/22/13 20:20	04/24/13 14:48	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*22*	*X D*	*31 - 105*	*04/22/13 20:20*	*04/24/13 14:48*	*10*

Method: 8151A - Herbicides (GC) (Continued)

Client Sample ID: WFE05-01-51-20130421 — **Lab Sample ID: 280-41262-5**
Date Collected: 04/21/13 11:05 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 82.7**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	24	X D	31 - 105	04/22/13 20:20	04/24/13 14:48	10

Client Sample ID: WFE06-01-51-20130421 — **Lab Sample ID: 280-41262-6**
Date Collected: 04/21/13 09:45 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 85.5**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		890	160	ug/Kg	☼	04/22/13 20:20	04/24/13 15:11	10
2,4,5-T	ND		220	26	ug/Kg	☼	04/22/13 20:20	04/24/13 15:11	10
2,4-DB	ND		890	83	ug/Kg	☼	04/22/13 20:20	04/24/13 15:11	10
Silvex (2,4,5-TP)	ND		220	16	ug/Kg	☼	04/22/13 20:20	04/24/13 15:11	10
Dalapon	ND		450	16	ug/Kg	☼	04/22/13 20:20	04/24/13 15:11	10
Dicamba	ND		450	16	ug/Kg	☼	04/22/13 20:20	04/24/13 15:11	10
Dichlorprop	ND		890	36	ug/Kg	☼	04/22/13 20:20	04/24/13 15:11	10
MCPA	ND		89000	22000	ug/Kg	☼	04/22/13 20:20	04/24/13 15:11	10
Picloram	ND		110	16	ug/Kg	☼	04/22/13 20:20	04/24/13 15:11	10
MCPP	ND		89000	22000	ug/Kg	☼	04/22/13 20:20	04/24/13 15:11	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	187	D X	31 - 105	04/22/13 20:20	04/24/13 15:11	10
2,4-Dichlorophenylacetic acid	111	D X	31 - 105	04/22/13 20:20	04/24/13 15:11	10

Client Sample ID: WFE07-01-51-20130421 — **Lab Sample ID: 280-41262-7**
Date Collected: 04/21/13 10:00 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 90.9**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		870	150	ug/Kg	☼	04/22/13 20:20	04/24/13 16:41	10
2,4,5-T	ND		220	25	ug/Kg	☼	04/22/13 20:20	04/24/13 16:41	10
2,4-DB	ND		870	81	ug/Kg	☼	04/22/13 20:20	04/24/13 16:41	10
Silvex (2,4,5-TP)	ND		220	15	ug/Kg	☼	04/22/13 20:20	04/24/13 16:41	10
Dalapon	ND		430	15	ug/Kg	☼	04/22/13 20:20	04/24/13 16:41	10
Dicamba	ND		430	15	ug/Kg	☼	04/22/13 20:20	04/24/13 16:41	10
Dichlorprop	ND		870	35	ug/Kg	☼	04/22/13 20:20	04/24/13 16:41	10
MCPA	ND		87000	22000	ug/Kg	☼	04/22/13 20:20	04/24/13 16:41	10
Picloram	ND		110	15	ug/Kg	☼	04/22/13 20:20	04/24/13 16:41	10
MCPP	ND		87000	22000	ug/Kg	☼	04/22/13 20:20	04/24/13 16:41	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	83	D	31 - 105	04/22/13 20:20	04/24/13 16:41	10
2,4-Dichlorophenylacetic acid	81	D	31 - 105	04/22/13 20:20	04/24/13 16:41	10

Client Sample ID: WFE07-01-52-20130421 — **Lab Sample ID: 280-41262-8**
Date Collected: 04/21/13 10:05 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 91.4**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		850	150	ug/Kg	☼	04/22/13 20:20	04/24/13 17:03	10
2,4,5-T	ND		210	24	ug/Kg	☼	04/22/13 20:20	04/24/13 17:03	10
2,4-DB	ND		850	79	ug/Kg	☼	04/22/13 20:20	04/24/13 17:03	10
Silvex (2,4,5-TP)	ND		210	15	ug/Kg	☼	04/22/13 20:20	04/24/13 17:03	10
Dalapon	ND		430	15	ug/Kg	☼	04/22/13 20:20	04/24/13 17:03	10
Dicamba	ND		430	15	ug/Kg	☼	04/22/13 20:20	04/24/13 17:03	10

Method: 8151A - Herbicides (GC) (Continued)

Client Sample ID: WFE07-01-52-20130421 — **Lab Sample ID: 280-41262-8**
Date Collected: 04/21/13 10:05 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 91.4**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorprop	ND		850	34	ug/Kg	☼	04/22/13 20:20	04/24/13 17:03	10
MCPA	ND		85000	21000	ug/Kg	☼	04/22/13 20:20	04/24/13 17:03	10
Picloram	ND		110	15	ug/Kg	☼	04/22/13 20:20	04/24/13 17:03	10
MCPP	ND		85000	21000	ug/Kg	☼	04/22/13 20:20	04/24/13 17:03	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*75*	*D*	*31 - 105*	*04/22/13 20:20*	*04/24/13 17:03*	*10*
2,4-Dichlorophenylacetic acid	*75*	*D*	*31 - 105*	*04/22/13 20:20*	*04/24/13 17:03*	*10*

Client Sample ID: WFE08-01-51-20130421 — **Lab Sample ID: 280-41262-9**
Date Collected: 04/21/13 01:42 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 80.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		960	170	ug/Kg	☼	04/22/13 20:20	04/24/13 17:26	10
2,4,5-T	ND		240	28	ug/Kg	☼	04/22/13 20:20	04/24/13 17:26	10
2,4-DB	ND		960	90	ug/Kg	☼	04/22/13 20:20	04/24/13 17:26	10
Silvex (2,4,5-TP)	ND		240	17	ug/Kg	☼	04/22/13 20:20	04/24/13 17:26	10
Dalapon	ND		480	17	ug/Kg	☼	04/22/13 20:20	04/24/13 17:26	10
Dicamba	ND		480	17	ug/Kg	☼	04/22/13 20:20	04/24/13 17:26	10
Dichlorprop	ND		960	38	ug/Kg	☼	04/22/13 20:20	04/24/13 17:26	10
MCPA	ND		96000	24000	ug/Kg	☼	04/22/13 20:20	04/24/13 17:26	10
Picloram	ND		120	17	ug/Kg	☼	04/22/13 20:20	04/24/13 17:26	10
MCPP	ND		96000	24000	ug/Kg	☼	04/22/13 20:20	04/24/13 17:26	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*204*	*D X*	*31 - 105*	*04/22/13 20:20*	*04/24/13 17:26*	*10*
2,4-Dichlorophenylacetic acid	*98*	*D*	*31 - 105*	*04/22/13 20:20*	*04/24/13 17:26*	*10*

Client Sample ID: WFE09-01-51-20130421 — **Lab Sample ID: 280-41262-10**
Date Collected: 04/21/13 01:13 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 85.5**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		910	160	ug/Kg	☼	04/22/13 20:20	04/24/13 17:48	10
2,4,5-T	ND		230	26	ug/Kg	☼	04/22/13 20:20	04/24/13 17:48	10
2,4-DB	ND		910	85	ug/Kg	☼	04/22/13 20:20	04/24/13 17:48	10
Silvex (2,4,5-TP)	ND		230	16	ug/Kg	☼	04/22/13 20:20	04/24/13 17:48	10
Dalapon	ND		450	16	ug/Kg	☼	04/22/13 20:20	04/24/13 17:48	10
Dicamba	ND		450	16	ug/Kg	☼	04/22/13 20:20	04/24/13 17:48	10
Dichlorprop	ND		910	36	ug/Kg	☼	04/22/13 20:20	04/24/13 17:48	10
MCPA	ND		91000	23000	ug/Kg	☼	04/22/13 20:20	04/24/13 17:48	10
Picloram	ND		110	16	ug/Kg	☼	04/22/13 20:20	04/24/13 17:48	10
MCPP	ND		91000	23000	ug/Kg	☼	04/22/13 20:20	04/24/13 17:48	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*53*	*D*	*31 - 105*	*04/22/13 20:20*	*04/24/13 17:48*	*10*
2,4-Dichlorophenylacetic acid	*60*	*D*	*31 - 105*	*04/22/13 20:20*	*04/24/13 17:48*	*10*

Method: 8321A - Iminodoacetic Acid (LC/MS)

Client Sample ID: WFE01-01-51-20130421 — **Lab Sample ID: 280-41262-1**
Date Collected: 04/21/13 00:54 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 90.9**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Glyphosate	**6600**	**J B**	15000	4900	ug/Kg	☼	04/25/13 07:00	04/25/13 11:54	1

Client Sample ID: WFE02-01-51-20130421 — **Lab Sample ID: 280-41262-2**
Date Collected: 04/21/13 02:08 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 83.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Glyphosate	ND		16000	5200	ug/Kg	☼	04/25/13 07:00	04/25/13 12:00	1

Client Sample ID: WFE03-01-51-20130421 — **Lab Sample ID: 280-41262-3**
Date Collected: 04/21/13 10:20 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 81.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Glyphosate	ND		16000	5500	ug/Kg	☼	04/25/13 07:00	04/25/13 12:05	1

Client Sample ID: WFE04-01-51-20130421 — **Lab Sample ID: 280-41262-4**
Date Collected: 04/21/13 10:45 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 87.1**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Glyphosate	**6100**	**J B**	15000	5200	ug/Kg	☼	04/25/13 07:00	04/25/13 12:10	1

Client Sample ID: WFE05-01-51-20130421 — **Lab Sample ID: 280-41262-5**
Date Collected: 04/21/13 11:05 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 82.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Glyphosate	ND		16000	5300	ug/Kg	☼	04/25/13 07:00	04/25/13 12:15	1

Client Sample ID: WFE06-01-51-20130421 — **Lab Sample ID: 280-41262-6**
Date Collected: 04/21/13 09:45 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 85.5**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Glyphosate	ND		16000	5400	ug/Kg	☼	04/25/13 07:00	04/25/13 12:20	1

Client Sample ID: WFE07-01-51-20130421 — **Lab Sample ID: 280-41262-7**
Date Collected: 04/21/13 10:00 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 90.9**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Glyphosate	ND		15000	4900	ug/Kg	☼	04/25/13 07:00	04/25/13 12:41	1

Client Sample ID: WFE07-01-52-20130421 — **Lab Sample ID: 280-41262-8**
Date Collected: 04/21/13 10:05 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 91.4**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Glyphosate	ND		15000	4900	ug/Kg	☼	04/25/13 07:00	04/25/13 12:46	1

Client Sample ID: WFE08-01-51-20130421 — **Lab Sample ID: 280-41262-9**
Date Collected: 04/21/13 01:42 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 80.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Glyphosate	ND		17000	5600	ug/Kg	☼	04/25/13 07:00	04/25/13 12:51	1

Method: 8321A - Iminodoacetic Acid (LC/MS)

Client Sample ID: WFE09-01-51-20130421 — **Lab Sample ID: 280-41262-10**
Date Collected: 04/21/13 01:13 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 85.5**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Glyphosate	ND		16000	5300	ug/Kg	☼	04/25/13 07:00	04/25/13 12:56	1

General Chemistry

Client Sample ID: WFE01-01-51-20130421 — **Lab Sample ID: 280-41262-1**
Date Collected: 04/21/13 00:54 — **Matrix: Solid**
Date Received: 04/22/13 08:00

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.1		0.10	0.10	%			04/23/13 14:46	1

Client Sample ID: WFE02-01-51-20130421 — **Lab Sample ID: 280-41262-2**
Date Collected: 04/21/13 02:08 — **Matrix: Solid**
Date Received: 04/22/13 08:00

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	16		0.10	0.10	%			04/23/13 14:46	1

Client Sample ID: WFE03-01-51-20130421 — **Lab Sample ID: 280-41262-3**
Date Collected: 04/21/13 10:20 — **Matrix: Solid**
Date Received: 04/22/13 08:00

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	18		0.10	0.10	%			04/23/13 14:46	1

Client Sample ID: WFE04-01-51-20130421 — **Lab Sample ID: 280-41262-4**
Date Collected: 04/21/13 10:45 — **Matrix: Solid**
Date Received: 04/22/13 08:00

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	13		0.10	0.10	%			04/23/13 14:46	1

Client Sample ID: WFE05-01-51-20130421 — **Lab Sample ID: 280-41262-5**
Date Collected: 04/21/13 11:05 — **Matrix: Solid**
Date Received: 04/22/13 08:00

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	17		0.10	0.10	%			04/23/13 14:46	1

Client Sample ID: WFE06-01-51-20130421 — **Lab Sample ID: 280-41262-6**
Date Collected: 04/21/13 09:45 — **Matrix: Solid**
Date Received: 04/22/13 08:00

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	14		0.10	0.10	%			04/23/13 14:46	1

Client Sample ID: WFE07-01-51-20130421 — **Lab Sample ID: 280-41262-7**
Date Collected: 04/21/13 10:00 — **Matrix: Solid**
Date Received: 04/22/13 08:00

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.1		0.10	0.10	%			04/23/13 14:46	1

Client Sample ID: WFE07-01-52-20130421 — **Lab Sample ID: 280-41262-8**
Date Collected: 04/21/13 10:05 — **Matrix: Solid**
Date Received: 04/22/13 08:00

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.6		0.10	0.10	%			04/23/13 14:46	1

General Chemistry

Client Sample ID: WFE08-01-51-20130421 — **Lab Sample ID: 280-41262-9**
Date Collected: 04/21/13 01:42 — **Matrix: Solid**
Date Received: 04/22/13 08:00

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	19		0.10	0.10	%			04/23/13 14:46	1

Client Sample ID: WFE09-01-51-20130421 — **Lab Sample ID: 280-41262-10**
Date Collected: 04/21/13 01:13 — **Matrix: Solid**
Date Received: 04/22/13 08:00

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	14		0.10	0.10	%			04/23/13 14:46	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 280-170676/1-A
Matrix: Solid
Analysis Batch: 170769

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 170676

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		320	10	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Acenaphthylene	ND		320	17	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Acetophenone	ND		320	20	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Aniline	ND		320	130	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Anthracene	ND		320	17	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Aramite, Total	ND		290	26	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Benzo[a]anthracene	ND		320	20	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Benzo[a]pyrene	ND		320	20	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Benzo[b]fluoranthene	ND		320	26	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Benzo[g,h,i]perylene	ND		320	16	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Benzo[k]fluoranthene	ND		320	39	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Benzyl alcohol	ND		320	9.8	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Bis(2-chloroethoxy)methane	ND		320	22	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Bis(2-chloroethyl)ether	ND		320	16	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Bis(2-ethylhexyl) phthalate	ND		320	45	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Butyl benzyl phthalate	ND		320	42	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Ethyl 4,4'-Dichlorobenzilate	ND		320	56	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Chrysene	ND		320	26	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Diallate	ND		180	23	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Dibenz(a,h)anthracene	ND		320	19	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Dibenzofuran	ND		320	20	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Diethyl phthalate	ND		640	25	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Dimethoate	ND		640	66	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Dimethyl phthalate	ND		320	22	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Di-n-butyl phthalate	ND		320	28	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Di-n-octyl phthalate	ND		320	14	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Diphenylamine	ND		320	43	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Disulfoton	ND		1600	58	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Ethyl methanesulfonate	ND		320	54	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Ethyl Parathion	ND		1600	64	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Fluoranthene	ND		320	35	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Fluorene	ND		320	18	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Hexachlorobenzene	ND		320	28	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Hexachlorobutadiene	ND		320	9.8	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Hexachlorocyclopentadiene	ND		1600	49	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Hexachloroethane	ND		320	21	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Hexachloropropene	ND		3200	47	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Indeno[1,2,3-cd]pyrene	ND		320	21	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Isodrin	ND		320	79	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Isophorone	ND		320	17	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Isosafrole	ND		110	41	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Methapyrilene	ND		1600	98	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Methyl methanesulfonate	ND		320	64	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Methyl parathion	ND		1600	130	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Naphthalene	ND		320	30	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Nitrobenzene	ND		320	21	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
5-Nitro-o-toluidine	ND		640	61	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
N-Nitrosodiethylamine	ND		320	64	ug/Kg		04/22/13 14:45	04/23/13 09:08	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 280-170676/1-A
Matrix: Solid
Analysis Batch: 170769

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 170676

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodimethylamine	ND		320	36	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
N-Nitrosodi-n-butylamine	ND		320	94	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
N-Nitrosodi-n-propylamine	ND		320	30	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		320	21	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
N-Nitrosomethylethylamine	ND		320	58	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
N-Nitrosomorpholine	ND		320	120	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
N-Nitrosopiperidine	ND		320	70	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
N-Nitrosopyrrolidine	ND		320	63	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Pentachlorobenzene	ND		320	64	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Pentachloroethane	ND		1600	62	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Pentachloronitrobenzene	ND		1600	84	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Pentachlorophenol	ND		1600	320	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Phenacetin	ND		640	73	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Phenol	ND		320	18	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Phenanthrene	ND		320	17	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Phorate	ND		1600	58	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Pronamide	ND		320	130	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Pyrene	ND		320	12	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Pyridine	ND		640	130	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Thionazin	ND		1600	70	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
1,2,4,5-Tetrachlorobenzene	ND		320	48	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
1,2,4-Trichlorobenzene	ND		320	27	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
1,2-Dichlorobenzene	ND		320	21	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
1,3,5-Trinitrobenzene	ND		1600	240	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
1,3-Dichlorobenzene	ND		320	12	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
1,4-Dichlorobenzene	ND		320	13	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
1-Naphthylamine	ND		320	49	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
1,4-Naphthoquinone	ND		1600	60	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
1,3-Dinitrobenzene	ND		320	69	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
2,3,4,6-Tetrachlorophenol	ND		1600	130	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
2,4,5-Trichlorophenol	ND		320	9.8	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
2,4,6-Trichlorophenol	ND		320	9.8	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
2,4-Dichlorophenol	ND		320	9.8	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
2,4-Dimethylphenol	ND		320	64	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
2,4-Dinitrophenol	ND		1600	330	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
2,4-Dinitrotoluene	ND		320	64	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
2,6-Dinitrotoluene	ND		320	27	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
2-Acetylaminofluorene	ND		3200	180	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
2-Chloronaphthalene	ND		320	9.8	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
2-Chlorophenol	ND		320	21	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
2-Picoline	ND		640	46	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
2-Toluidine	ND		640	61	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
3 & 4 Methylphenol	ND		320	32	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
3,3'-Dichlorobenzidine	ND		640	88	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
3,3'-Dimethylbenzidine	ND		640	390	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
3-Methylcholanthrene	ND		640	65	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
3-Nitroaniline	ND		1600	71	ug/Kg		04/22/13 14:45	04/23/13 09:08	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 280-170676/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 170769 — **Prep Batch: 170676**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	ND		1600	320	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
2-Methylphenol	ND		320	13	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
2-Naphthylamine	ND		320	48	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
2-Nitroaniline	ND		1600	49	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
2-Nitrophenol	ND		320	9.8	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
4-Aminobiphenyl	ND		1600	160	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
4-Bromophenyl phenyl ether	ND		320	19	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
4-Chloro-3-methylphenol	ND		320	64	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
4-Chloroaniline	ND		320	80	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
4-Chlorophenyl phenyl ether	ND		320	21	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
4-Nitroaniline	ND		1600	71	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
4-Nitrophenol	ND		1600	95	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
4-Nitroquinoline-1-oxide	ND		3200	86	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
2-Methylnaphthalene	ND		320	19	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
7,12-Dimethylbenz(a)anthracene	ND		640	41	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
2,6-Dichlorophenol	ND		320	67	ug/Kg		04/22/13 14:45	04/23/13 09:08	1
Atrazine	ND		320	36	ug/Kg		04/22/13 14:45	04/23/13 09:08	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Propane, 1,1-dimethoxy-	*158*	*T J N*	*ug/Kg*		*1.79*	*4744-10-9*	*04/22/13 14:45*	*04/23/13 09:08*	*1*
3-Penten-2-one, 4-methyl-	*222*	*T J N*	*ug/Kg*		*2.51*	*141-79-7*	*04/22/13 14:45*	*04/23/13 09:08*	*1*
2-Pentanone, 4-hydroxy-4-methyl-	*5180*	*T J N*	*ug/Kg*		*2.80*	*123-42-2*	*04/22/13 14:45*	*04/23/13 09:08*	*1*
2-Pentanone, 4-methoxy-4-methyl-	*1450*	*T J N*	*ug/Kg*		*3.26*	*107-70-0*	*04/22/13 14:45*	*04/23/13 09:08*	*1*
Benzene-1,2,3,4-d4-, 5,6-dichloro-	*2740*	*T J N*	*ug/Kg*		*4.11*	*2199-69-1*	*04/22/13 14:45*	*04/23/13 09:08*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*83*		*53 - 120*	*04/22/13 14:45*	*04/23/13 09:08*	*1*
Phenol-d5	*82*		*52 - 120*	*04/22/13 14:45*	*04/23/13 09:08*	*1*
Nitrobenzene-d5	*79*		*50 - 120*	*04/22/13 14:45*	*04/23/13 09:08*	*1*
2-Fluorobiphenyl	*79*		*50 - 120*	*04/22/13 14:45*	*04/23/13 09:08*	*1*
2,4,6-Tribromophenol	*82*		*51 - 120*	*04/22/13 14:45*	*04/23/13 09:08*	*1*
Terphenyl-d14	*100*		*55 - 120*	*04/22/13 14:45*	*04/23/13 09:08*	*1*

Lab Sample ID: LCS 280-170676/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 170769 — **Prep Batch: 170676**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	2510	2050		ug/Kg		82	60 - 120
Acenaphthylene	2510	2180		ug/Kg		87	64 - 120
Aniline	2510	834		ug/Kg		33	10 - 120
Anthracene	2510	2180		ug/Kg		87	63 - 120
Benzo[a]anthracene	2510	2190		ug/Kg		87	65 - 120
Benzo[a]pyrene	2510	2120		ug/Kg		85	59 - 120
Benzo[b]fluoranthene	2510	2260		ug/Kg		90	47 - 129
Benzo[g,h,i]perylene	2510	2080		ug/Kg		83	55 - 126
Benzo[k]fluoranthene	2510	2220		ug/Kg		88	48 - 130

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 280-170676/2-A
Matrix: Solid
Analysis Batch: 170769

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 170676

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzyl alcohol	2510	2160		ug/Kg		86	51 - 120
Bis(2-chloroethoxy)methane	2510	1960		ug/Kg		78	56 - 120
Bis(2-chloroethyl)ether	2510	2030		ug/Kg		81	51 - 120
Bis(2-ethylhexyl) phthalate	2510	2130		ug/Kg		85	65 - 120
Butyl benzyl phthalate	2510	2290		ug/Kg		91	65 - 120
Chrysene	2510	2180		ug/Kg		87	64 - 120
Dibenz(a,h)anthracene	2510	1780		ug/Kg		71	50 - 133
Diethyl phthalate	2510	2300		ug/Kg		92	66 - 120
Dimethyl phthalate	2510	2310		ug/Kg		92	65 - 120
Di-n-butyl phthalate	2510	2280		ug/Kg		91	67 - 120
Di-n-octyl phthalate	2510	2240		ug/Kg		89	66 - 120
Fluoranthene	2510	2230		ug/Kg		89	66 - 120
Fluorene	2510	2160		ug/Kg		86	64 - 120
Hexachlorobenzene	2510	2060		ug/Kg		82	62 - 120
Hexachlorobutadiene	2510	1900		ug/Kg		76	53 - 120
Hexachlorocyclopentadiene	2510	2280		ug/Kg		91	47 - 120
Hexachloroethane	2510	1980		ug/Kg		79	51 - 120
Indeno[1,2,3-cd]pyrene	2510	2150		ug/Kg		86	63 - 120
Isophorone	2510	1950		ug/Kg		78	56 - 120
Naphthalene	2510	1990		ug/Kg		79	57 - 120
Nitrobenzene	2510	1980		ug/Kg		79	54 - 120
N-Nitrosodimethylamine	2510	1880		ug/Kg		75	48 - 120
N-Nitrosodi-n-propylamine	2510	2070		ug/Kg		83	51 - 120
n-Nitrosodiphenylamine(as diphenylamine)	2140	1830		ug/Kg		86	61 - 120
Pentachlorophenol	2510	2130		ug/Kg		85	56 - 120
Phenol	2510	2140		ug/Kg		85	56 - 120
Phenanthrene	2510	2200		ug/Kg		88	64 - 120
Pyrene	2510	2240		ug/Kg		89	64 - 120
Pyridine	2510	1160		ug/Kg		46	26 - 120
1,2,4-Trichlorobenzene	2510	1930		ug/Kg		77	52 - 120
1,2-Dichlorobenzene	2510	1930		ug/Kg		77	53 - 120
1,3-Dichlorobenzene	2510	1930		ug/Kg		77	52 - 120
1,4-Dichlorobenzene	2510	1900		ug/Kg		76	52 - 120
2,4,5-Trichlorophenol	2510	2340		ug/Kg		93	64 - 120
2,4,6-Trichlorophenol	2510	2130		ug/Kg		85	61 - 120
2,4-Dichlorophenol	2510	2110		ug/Kg		84	60 - 120
2,4-Dimethylphenol	2510	1940		ug/Kg		77	54 - 120
2,4-Dinitrophenol	2510	1780		ug/Kg		71	46 - 120
2,4-Dinitrotoluene	2510	2380		ug/Kg		95	68 - 120
2,6-Dinitrotoluene	2510	2250		ug/Kg		90	64 - 120
2-Chloronaphthalene	2510	2070		ug/Kg		83	59 - 120
2-Chlorophenol	2510	2180		ug/Kg		87	57 - 120
3 & 4 Methylphenol	5020	4390		ug/Kg		87	53 - 120
3,3'-Dichlorobenzidine	2510	1060		ug/Kg		42	30 - 120
3-Nitroaniline	2510	1440	J	ug/Kg		58	47 - 120
4,6-Dinitro-2-methylphenol	2510	1960		ug/Kg		78	57 - 120
2-Methylphenol	2510	2030		ug/Kg		81	56 - 120

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 280-170676/2-A
Matrix: Solid
Analysis Batch: 170769

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 170676

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Nitroaniline	2510	2390		ug/Kg		95	63 - 120
2-Nitrophenol	2510	2000		ug/Kg		80	56 - 120
4-Bromophenyl phenyl ether	2510	2160		ug/Kg		86	64 - 120
4-Chloro-3-methylphenol	2510	2160		ug/Kg		86	63 - 120
4-Chloroaniline	2510	1110		ug/Kg		44	28 - 120
4-Chlorophenyl phenyl ether	2510	2260		ug/Kg		90	64 - 120
4-Nitroaniline	2510	2170		ug/Kg		86	64 - 120
4-Nitrophenol	2510	2210		ug/Kg		88	63 - 121
2-Methylnaphthalene	2510	1890		ug/Kg		75	57 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorophenol	*86*		*53 - 120*
Phenol-d5	*86*		*52 - 120*
Nitrobenzene-d5	*81*		*50 - 120*
2-Fluorobiphenyl	*82*		*50 - 120*
2,4,6-Tribromophenol	*87*		*51 - 120*
Terphenyl-d14	*97*		*55 - 120*

Lab Sample ID: 280-41262-6 MS
Matrix: Solid
Analysis Batch: 170769

Client Sample ID: WFE06-01-51-20130421
Prep Type: Total/NA
Prep Batch: 170676

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	ND		2900	2370		ug/Kg	☼	82	60 - 120
Acenaphthylene	ND		2900	2560		ug/Kg	☼	89	64 - 120
Aniline	ND		2900	1330		ug/Kg	☼	46	10 - 120
Anthracene	ND		2900	2610		ug/Kg	☼	90	63 - 120
Benzo[a]anthracene	ND		2900	2530		ug/Kg	☼	88	65 - 120
Benzo[a]pyrene	ND		2900	2350		ug/Kg	☼	81	59 - 120
Benzo[b]fluoranthene	ND		2900	2450		ug/Kg	☼	85	47 - 129
Benzo[g,h,i]perylene	ND		2900	2110		ug/Kg	☼	73	55 - 126
Benzo[k]fluoranthene	ND		2900	2490		ug/Kg	☼	86	48 - 130
Benzyl alcohol	ND		2900	2500		ug/Kg	☼	86	51 - 120
Bis(2-chloroethoxy)methane	ND		2900	2140		ug/Kg	☼	74	56 - 120
Bis(2-chloroethyl)ether	ND		2900	1950		ug/Kg	☼	67	51 - 120
Bis(2-ethylhexyl) phthalate	150	J	2900	2700		ug/Kg	☼	88	65 - 120
Butyl benzyl phthalate	56	J	2900	2950		ug/Kg	☼	100	65 - 120
Chrysene	ND		2900	2520		ug/Kg	☼	87	64 - 120
Dibenz(a,h)anthracene	ND		2900	1890		ug/Kg	☼	65	50 - 133
Diethyl phthalate	ND		2900	2650		ug/Kg	☼	91	66 - 120
Dimethyl phthalate	ND		2900	2670		ug/Kg	☼	92	65 - 120
Di-n-butyl phthalate	ND		2900	2690		ug/Kg	☼	93	67 - 120
Di-n-octyl phthalate	ND		2900	2840		ug/Kg	☼	98	66 - 120
Fluoranthene	ND		2900	2470		ug/Kg	☼	85	66 - 120
Fluorene	ND		2900	2520		ug/Kg	☼	87	64 - 120
Hexachlorobenzene	ND		2900	2350		ug/Kg	☼	81	62 - 120
Hexachlorobutadiene	ND		2900	1870		ug/Kg	☼	65	53 - 120
Hexachlorocyclopentadiene	ND		2900	1840		ug/Kg	☼	63	47 - 120

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 280-41262-6 MS | **Client Sample ID: WFE06-01-51-20130421**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 170769 | **Prep Batch: 170676**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexachloroethane	ND		2900	1910		ug/Kg	☼	66	51 - 120
Indeno[1,2,3-cd]pyrene	ND		2900	2210		ug/Kg	☼	76	63 - 120
Isophorone	ND		2900	2190		ug/Kg	☼	76	56 - 120
Naphthalene	ND		2900	2120		ug/Kg	☼	73	57 - 120
Nitrobenzene	ND		2900	2080		ug/Kg	☼	72	54 - 120
N-Nitrosodimethylamine	ND		2900	1900		ug/Kg	☼	65	48 - 120
N-Nitrosodi-n-propylamine	ND		2900	2290		ug/Kg	☼	79	51 - 120
n-Nitrosodiphenylamine(as diphenylamine)	ND		2470	2220		ug/Kg	☼	90	61 - 120
Pentachlorophenol	ND		2900	2350		ug/Kg	☼	81	56 - 120
Phenol	ND		2900	2340		ug/Kg	☼	81	56 - 120
Phenanthrene	ND		2900	2600		ug/Kg	☼	90	64 - 120
Pyrene	14	J	2900	2640		ug/Kg	☼	91	64 - 120
Pyridine	ND		2900	1410		ug/Kg	☼	49	26 - 120
1,2,4-Trichlorobenzene	ND		2900	2000		ug/Kg	☼	69	52 - 120
1,2-Dichlorobenzene	ND		2900	2000		ug/Kg	☼	69	53 - 120
1,3-Dichlorobenzene	ND		2900	1960		ug/Kg	☼	68	52 - 120
1,4-Dichlorobenzene	ND		2900	1980		ug/Kg	☼	68	52 - 120
2,4,5-Trichlorophenol	ND		2900	2710		ug/Kg	☼	94	64 - 120
2,4,6-Trichlorophenol	ND		2900	2590		ug/Kg	☼	89	61 - 120
2,4-Dichlorophenol	ND		2900	2530		ug/Kg	☼	87	60 - 120
2,4-Dimethylphenol	ND		2900	2310		ug/Kg	☼	80	54 - 120
2,4-Dinitrophenol	ND		2900	1440	J	ug/Kg	☼	50	46 - 120
2,4-Dinitrotoluene	ND		2900	2720		ug/Kg	☼	94	68 - 120
2,6-Dinitrotoluene	ND		2900	2620		ug/Kg	☼	91	64 - 120
2-Chloronaphthalene	ND		2900	2400		ug/Kg	☼	83	59 - 120
2-Chlorophenol	ND		2900	2400		ug/Kg	☼	83	57 - 120
3 & 4 Methylphenol	ND		5790	5320		ug/Kg	☼	92	53 - 120
3,3'-Dichlorobenzidine	ND		2900	1250		ug/Kg	☼	43	30 - 120
3-Nitroaniline	ND		2900	2290		ug/Kg	☼	79	47 - 120
4,6-Dinitro-2-methylphenol	ND		2900	2050		ug/Kg	☼	71	57 - 120
2-Methylphenol	ND		2900	2310		ug/Kg	☼	80	56 - 120
2-Nitroaniline	ND		2900	2840		ug/Kg	☼	98	63 - 120
2-Nitrophenol	ND		2900	2180		ug/Kg	☼	75	56 - 120
4-Bromophenyl phenyl ether	ND		2900	2610		ug/Kg	☼	90	64 - 120
4-Chloro-3-methylphenol	ND		2900	2500		ug/Kg	☼	86	63 - 120
4-Chloroaniline	ND		2900	1760		ug/Kg	☼	61	28 - 120
4-Chlorophenyl phenyl ether	ND		2900	2590		ug/Kg	☼	89	64 - 120
4-Nitroaniline	ND		2900	2690		ug/Kg	☼	93	64 - 120
4-Nitrophenol	ND		2900	2540		ug/Kg	☼	88	63 - 121
2-Methylnaphthalene	ND		2900	2140		ug/Kg	☼	74	57 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorophenol	*78*		*53 - 120*
Phenol-d5	*81*		*52 - 120*
Nitrobenzene-d5	*73*		*50 - 120*
2-Fluorobiphenyl	*82*		*50 - 120*
2,4,6-Tribromophenol	*85*		*51 - 120*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 280-41262-6 MS
Matrix: Solid
Analysis Batch: 170769

Client Sample ID: WFE06-01-51-20130421
Prep Type: Total/NA
Prep Batch: 170676

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Terphenyl-d14	*98*		*55 - 120*

Lab Sample ID: 280-41262-6 MSD
Matrix: Solid
Analysis Batch: 170769

Client Sample ID: WFE06-01-51-20130421
Prep Type: Total/NA
Prep Batch: 170676

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	ND		2950	2460		ug/Kg	☼	83	60 - 120	4	30
Acenaphthylene	ND		2950	2620		ug/Kg	☼	89	64 - 120	2	30
Aniline	ND		2950	1300		ug/Kg	☼	44	10 - 120	2	30
Anthracene	ND		2950	2730		ug/Kg	☼	93	63 - 120	4	30
Benzo[a]anthracene	ND		2950	2630		ug/Kg	☼	89	65 - 120	4	30
Benzo[a]pyrene	ND		2950	2400		ug/Kg	☼	81	59 - 120	2	30
Benzo[b]fluoranthene	ND		2950	2510		ug/Kg	☼	85	47 - 129	2	44
Benzo[g,h,i]perylene	ND		2950	2210		ug/Kg	☼	75	55 - 126	4	31
Benzo[k]fluoranthene	ND		2950	2480		ug/Kg	☼	84	48 - 130	0	30
Benzyl alcohol	ND		2950	2330		ug/Kg	☼	79	51 - 120	7	30
Bis(2-chloroethoxy)methane	ND		2950	2210		ug/Kg	☼	75	56 - 120	3	30
Bis(2-chloroethyl)ether	ND		2950	2050		ug/Kg	☼	69	51 - 120	5	30
Bis(2-ethylhexyl) phthalate	150	J	2950	2770		ug/Kg	☼	89	65 - 120	3	30
Butyl benzyl phthalate	56	J	2950	3020		ug/Kg	☼	100	65 - 120	2	30
Chrysene	ND		2950	2560		ug/Kg	☼	87	64 - 120	2	35
Dibenz(a,h)anthracene	ND		2950	1950		ug/Kg	☼	66	50 - 133	3	30
Diethyl phthalate	ND		2950	2750		ug/Kg	☼	93	66 - 120	4	30
Dimethyl phthalate	ND		2950	2740		ug/Kg	☼	93	65 - 120	3	30
Di-n-butyl phthalate	ND		2950	2880		ug/Kg	☼	97	67 - 120	7	30
Di-n-octyl phthalate	ND		2950	2840		ug/Kg	☼	96	66 - 120	0	30
Fluoranthene	ND		2950	2640		ug/Kg	☼	89	66 - 120	7	30
Fluorene	ND		2950	2550		ug/Kg	☼	87	64 - 120	2	30
Hexachlorobenzene	ND		2950	2500		ug/Kg	☼	85	62 - 120	6	30
Hexachlorobutadiene	ND		2950	1940		ug/Kg	☼	66	53 - 120	3	30
Hexachlorocyclopentadiene	ND		2950	1540	J	ug/Kg	☼	52	47 - 120	17	30
Hexachloroethane	ND		2950	2000		ug/Kg	☼	68	51 - 120	4	30
Indeno[1,2,3-cd]pyrene	ND		2950	2330		ug/Kg	☼	79	63 - 120	5	30
Isophorone	ND		2950	2140		ug/Kg	☼	73	56 - 120	2	30
Naphthalene	ND		2950	2150		ug/Kg	☼	73	57 - 120	2	30
Nitrobenzene	ND		2950	2180		ug/Kg	☼	74	54 - 120	5	30
N-Nitrosodimethylamine	ND		2950	1920		ug/Kg	☼	65	48 - 120	1	30
N-Nitrosodi-n-propylamine	ND		2950	2270		ug/Kg	☼	77	51 - 120	1	30
n-Nitrosodiphenylamine(as diphenylamine)	ND		2520	2370		ug/Kg	☼	94	61 - 120	6	36
Pentachlorophenol	ND		2950	2460		ug/Kg	☼	83	56 - 120	5	30
Phenol	ND		2950	2310		ug/Kg	☼	78	56 - 120	2	30
Phenanthrene	ND		2950	2740		ug/Kg	☼	93	64 - 120	5	30
Pyrene	14	J	2950	2720		ug/Kg	☼	92	64 - 120	3	38
Pyridine	ND		2950	1430		ug/Kg	☼	48	26 - 120	1	30
1,2,4-Trichlorobenzene	ND		2950	2070		ug/Kg	☼	70	52 - 120	4	30
1,2-Dichlorobenzene	ND		2950	2060		ug/Kg	☼	70	53 - 120	3	30

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 280-41262-6 MSD — **Client Sample ID: WFE06-01-51-20130421**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 170769 — **Prep Batch: 170676**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichlorobenzene	ND		2950	2040		ug/Kg	☼	69	52 - 120	4	32
1,4-Dichlorobenzene	ND		2950	2000		ug/Kg	☼	68	52 - 120	1	30
2,4,5-Trichlorophenol	ND		2950	2790		ug/Kg	☼	94	64 - 120	3	30
2,4,6-Trichlorophenol	ND		2950	2630		ug/Kg	☼	89	61 - 120	1	30
2,4-Dichlorophenol	ND		2950	2490		ug/Kg	☼	84	60 - 120	2	30
2,4-Dimethylphenol	ND		2950	2220		ug/Kg	☼	75	54 - 120	4	30
2,4-Dinitrophenol	ND		2950	1570	J	ug/Kg	☼	53	46 - 120	9	34
2,4-Dinitrotoluene	ND		2950	2810		ug/Kg	☼	95	68 - 120	4	30
2,6-Dinitrotoluene	ND		2950	2710		ug/Kg	☼	92	64 - 120	3	30
2-Chloronaphthalene	ND		2950	2440		ug/Kg	☼	83	59 - 120	1	30
2-Chlorophenol	ND		2950	2400		ug/Kg	☼	81	57 - 120	0	30
3 & 4 Methylphenol	ND		5900	5090		ug/Kg	☼	86	53 - 120	5	30
3,3'-Dichlorobenzidine	ND		2950	1350		ug/Kg	☼	46	30 - 120	8	30
3-Nitroaniline	ND		2950	2410		ug/Kg	☼	82	47 - 120	5	30
4,6-Dinitro-2-methylphenol	ND		2950	2200		ug/Kg	☼	75	57 - 120	7	30
2-Methylphenol	ND		2950	2230		ug/Kg	☼	76	56 - 120	3	30
2-Nitroaniline	ND		2950	2930		ug/Kg	☼	99	63 - 120	3	30
2-Nitrophenol	ND		2950	2350		ug/Kg	☼	80	56 - 120	8	30
4-Bromophenyl phenyl ether	ND		2950	2710		ug/Kg	☼	92	64 - 120	4	30
4-Chloro-3-methylphenol	ND		2950	2660		ug/Kg	☼	90	63 - 120	6	30
4-Chloroaniline	ND		2950	1800		ug/Kg	☼	61	28 - 120	2	30
4-Chlorophenyl phenyl ether	ND		2950	2660		ug/Kg	☼	90	64 - 120	3	30
4-Nitroaniline	ND		2950	2790		ug/Kg	☼	95	64 - 120	4	30
4-Nitrophenol	ND		2950	2710		ug/Kg	☼	92	63 - 121	6	30
2-Methylnaphthalene	ND		2950	2160		ug/Kg	☼	73	57 - 120	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorophenol	*76*		*53 - 120*
Phenol-d5	*80*		*52 - 120*
Nitrobenzene-d5	*75*		*50 - 120*
2-Fluorobiphenyl	*81*		*50 - 120*
2,4,6-Tribromophenol	*85*		*51 - 120*
Terphenyl-d14	*97*		*55 - 120*

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique

Lab Sample ID: MB 640-101254/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 101269 — **Prep Batch: 101254**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		64	15	ug/Kg		04/24/13 10:17	04/24/13 16:15	1
Bolstar	ND		32	4.6	ug/Kg		04/24/13 10:17	04/24/13 16:15	1
Chlorpyrifos	ND		32	6.6	ug/Kg		04/24/13 10:17	04/24/13 16:15	1
Coumaphos	ND		320	21	ug/Kg		04/24/13 10:17	04/24/13 16:15	1
Demeton, Total	ND		81	7.5	ug/Kg		04/24/13 10:17	04/24/13 16:15	1

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique (Continued)

Lab Sample ID: MB 640-101254/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 101269 — **Prep Batch: 101254**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diazinon	ND		32	5.6	ug/Kg		04/24/13 10:17	04/24/13 16:15	1
Dichlorvos	ND		64	6.2	ug/Kg		04/24/13 10:17	04/24/13 16:15	1
Dimethoate	ND		64	8.6	ug/Kg		04/24/13 10:17	04/24/13 16:15	1
Disulfoton	ND		64	16	ug/Kg		04/24/13 10:17	04/24/13 16:15	1
EPN	ND		32	4.4	ug/Kg		04/24/13 10:17	04/24/13 16:15	1
Fensulfothion	ND		320	12	ug/Kg		04/24/13 10:17	04/24/13 16:15	1
Fenthion	ND		32	4.6	ug/Kg		04/24/13 10:17	04/24/13 16:15	1
Malathion	ND		32	8.0	ug/Kg		04/24/13 10:17	04/24/13 16:15	1
Merphos	ND		32	11	ug/Kg		04/24/13 10:17	04/24/13 16:15	1
Methyl parathion	ND		17	5.3	ug/Kg		04/24/13 10:17	04/24/13 16:15	1
Mevinphos	ND		64	4.5	ug/Kg		04/24/13 10:17	04/24/13 16:15	1
Ethoprop	ND		17	4.1	ug/Kg		04/24/13 10:17	04/24/13 16:15	1
Monochrotophos	ND		320	45	ug/Kg		04/24/13 10:17	04/24/13 16:15	1
Naled	ND		320	21	ug/Kg		04/24/13 10:17	04/24/13 16:15	1
Ethyl Parathion	ND		32	5.4	ug/Kg		04/24/13 10:17	04/24/13 16:15	1
Phorate	ND		32	5.3	ug/Kg		04/24/13 10:17	04/24/13 16:15	1
Ronnel	ND		32	4.1	ug/Kg		04/24/13 10:17	04/24/13 16:15	1
Stirophos	ND		32	6.2	ug/Kg		04/24/13 10:17	04/24/13 16:15	1
Sulfotepp	ND		17	8.4	ug/Kg		04/24/13 10:17	04/24/13 16:15	1
Tokuthion	ND		32	5.3	ug/Kg		04/24/13 10:17	04/24/13 16:15	1
Trichloronate	ND		320	7.4	ug/Kg		04/24/13 10:17	04/24/13 16:15	1
Propiconazole	ND		32	8.5	ug/Kg		04/24/13 10:17	04/24/13 16:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*88*		*35 - 134*	*04/24/13 10:17*	*04/24/13 16:15*	*1*

Lab Sample ID: LCS 640-101254/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 101269 — **Prep Batch: 101254**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diazinon	163	111		ug/Kg		68	36 - 113
Methyl parathion	163	123		ug/Kg		76	44 - 126
Ethyl Parathion	163	136		ug/Kg		84	53 - 126
Ronnel	163	110		ug/Kg		67	36 - 134

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Triphenylphosphate	*80*		*35 - 134*

Lab Sample ID: LCSD 640-101254/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 101269 — **Prep Batch: 101254**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diazinon	165	110		ug/Kg		67	36 - 113	1	38
Methyl parathion	165	116		ug/Kg		70	44 - 126	6	30

Method: 8141B - Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique (Continued)

Lab Sample ID: LCSD 640-101254/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 101269 — **Prep Batch: 101254**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethyl Parathion			165	129		ug/Kg		78	53 - 126	5	30
Ronnel			165	105		ug/Kg		64	36 - 134	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Triphenylphosphate	*88*		*35 - 134*

Lab Sample ID: 280-41262-6 MS — **Client Sample ID: WFE06-01-51-20130421**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 101269 — **Prep Batch: 101254**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diazinon	ND		194	119		ug/Kg	☼	61	18 - 121
Methyl parathion	ND		194	127		ug/Kg	☼	65	32 - 119
Ethyl Parathion	ND		194	168		ug/Kg	☼	86	42 - 124
Ronnel	ND		194	123		ug/Kg	☼	63	18 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Triphenylphosphate	*75*		*35 - 134*

Lab Sample ID: 280-41262-6 MSD — **Client Sample ID: WFE06-01-51-20130421**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 101269 — **Prep Batch: 101254**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diazinon	ND		194	101		ug/Kg	☼	52	18 - 121	17	60
Methyl parathion	ND		194	102		ug/Kg	☼	53	32 - 119	22	42
Ethyl Parathion	ND		194	113		ug/Kg	☼	58	42 - 124	39	40
Ronnel	ND		194	104		ug/Kg	☼	54	18 - 128	17	57

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Triphenylphosphate	*57*		*35 - 134*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 280-170727/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 170870 — **Prep Batch: 170727**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		77	14	ug/Kg		04/22/13 20:20	04/24/13 12:34	1
2,4,5-T	ND		19	2.2	ug/Kg		04/22/13 20:20	04/24/13 12:34	1
2,4-DB	ND		77	7.2	ug/Kg		04/22/13 20:20	04/24/13 12:34	1
Silvex (2,4,5-TP)	ND		19	1.4	ug/Kg		04/22/13 20:20	04/24/13 12:34	1
Dalapon	ND		39	1.4	ug/Kg		04/22/13 20:20	04/24/13 12:34	1
Dicamba	ND		39	1.4	ug/Kg		04/22/13 20:20	04/24/13 12:34	1
Dichlorprop	ND		77	3.1	ug/Kg		04/22/13 20:20	04/24/13 12:34	1

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: MB 280-170727/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 170870 — **Prep Batch: 170727**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
MCPA	ND		7700	1900	ug/Kg		04/22/13 20:20	04/24/13 12:34	1
Picloram	ND		9.7	1.4	ug/Kg		04/22/13 20:20	04/24/13 12:34	1
MCPP	ND		7700	1900	ug/Kg		04/22/13 20:20	04/24/13 12:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*87*		*31 - 105*	*04/22/13 20:20*	*04/24/13 12:34*	*1*
2,4-Dichlorophenylacetic acid	*90*		*31 - 105*	*04/22/13 20:20*	*04/24/13 12:34*	*1*

Lab Sample ID: LCS 280-170727/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 170870 — **Prep Batch: 170727**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-D	88.0	99.7		ug/Kg		113	32 - 115
2,4,5-T	88.7	98.3		ug/Kg		111	24 - 115
2,4-DB	88.2	74.5	J	ug/Kg		84	37 - 119
Silvex (2,4,5-TP)	87.9	97.5		ug/Kg		111	53 - 134
Dalapon	88.8	80.1		ug/Kg		90	11 - 115
Dicamba	86.9	86.3		ug/Kg		99	11 - 115
Dichlorprop	86.9	88.9		ug/Kg		102	35 - 115
MCPA	8920	9180		ug/Kg		103	37 - 115
MCPP	8960	9690		ug/Kg		108	48 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*101*		*31 - 105*
2,4-Dichlorophenylacetic acid	*102*		*31 - 105*

Lab Sample ID: 280-41262-6 MS — **Client Sample ID: WFE06-01-51-20130421**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 170870 — **Prep Batch: 170727**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-D	ND		103	ND	D	ug/Kg	☼	NC	32 - 115
2,4,5-T	ND		104	85.6	J D	ug/Kg	☼	83	24 - 115
2,4-DB	ND		103	ND	D F	ug/Kg	☼	0	37 - 119
Silvex (2,4,5-TP)	ND		103	44.8	J D F	ug/Kg	☼	44	53 - 134
Dalapon	ND		104	66.1	J D	ug/Kg	☼	64	11 - 115
Dicamba	ND		101	47.7	J D	ug/Kg	☼	47	11 - 115
Dichlorprop	ND		101	52.0	J D	ug/Kg	☼	51	35 - 115
MCPA	ND		10400	ND	D	ug/Kg	☼	NC	37 - 115
MCPP	ND		10500	ND	D	ug/Kg	☼	NC	48 - 132

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*108*	*D X*	*31 - 105*
2,4-Dichlorophenylacetic acid	*79*	*D*	*31 - 105*

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: 280-41262-6 MSD — **Client Sample ID: WFE06-01-51-20130421**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 170870 — **Prep Batch: 170727**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4-D	ND		102	ND	D F	ug/Kg	☼	0	32 - 115	NC	40
2,4,5-T	ND		103	10.1	J D F	ug/Kg	☼	10	24 - 115	158	40
2,4-DB	ND		102	ND	D F	ug/Kg	☼	0	37 - 119	NC	50
Silvex (2,4,5-TP)	ND		102	5.44	J D F	ug/Kg	☼	5	53 - 134	157	40
Dalapon	ND		103	7.74	J D F	ug/Kg	☼	8	11 - 115	158	50
Dicamba	ND		101	ND	D F	ug/Kg	☼	0	11 - 115	NC	50
Dichlorprop	ND		101	ND	D F	ug/Kg	☼	0	35 - 115	NC	50
MCPA	31000		10300	2570	J D F	ug/Kg	☼	-274	37 - 115	NC	50
MCPP	ND		10400	ND	D F	ug/Kg	☼	0	48 - 132	NC	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*15*	*X D*	*31 - 105*
2,4-Dichlorophenylacetic acid	*9*	*X D*	*31 - 105*

Method: 8321A - Iminodoacetic Acid (LC/MS)

Lab Sample ID: MB 280-171232/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 171283 — **Prep Batch: 171232**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Glyphosate	5040	J	14000	4600	ug/Kg		04/25/13 07:00	04/25/13 11:44	1

Lab Sample ID: LCS 280-171232/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 171283 — **Prep Batch: 171232**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Glyphosate	48900	23100		ug/Kg		47	15 - 120

Lab Sample ID: 280-41262-6 MS — **Client Sample ID: WFE06-01-51-20130421**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 171283 — **Prep Batch: 171232**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Glyphosate	ND		56300	13800	J	ug/Kg	☼	24	15 - 120

Lab Sample ID: 280-41262-6 MSD — **Client Sample ID: WFE06-01-51-20130421**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 171283 — **Prep Batch: 171232**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Glyphosate	ND		57200	15600	J	ug/Kg	☼	27	15 - 120	13	85

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: West Ammonium Explosion

TestAmerica Job ID: 280-41262-1

GC/MS Semi VOA

Prep Batch: 170676

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-41262-1	WFE01-01-51-20130421	Total/NA	Solid	3550C	
280-41262-2	WFE02-01-51-20130421	Total/NA	Solid	3550C	
280-41262-3	WFE03-01-51-20130421	Total/NA	Solid	3550C	
280-41262-4	WFE04-01-51-20130421	Total/NA	Solid	3550C	
280-41262-5	WFE05-01-51-20130421	Total/NA	Solid	3550C	
280-41262-6	WFE06-01-51-20130421	Total/NA	Solid	3550C	
280-41262-6 MS	WFE06-01-51-20130421	Total/NA	Solid	3550C	
280-41262-6 MSD	WFE06-01-51-20130421	Total/NA	Solid	3550C	
280-41262-7	WFE07-01-51-20130421	Total/NA	Solid	3550C	
280-41262-8	WFE07-01-52-20130421	Total/NA	Solid	3550C	
280-41262-9	WFE08-01-51-20130421	Total/NA	Solid	3550C	
280-41262-10	WFE09-01-51-20130421	Total/NA	Solid	3550C	
LCS 280-170676/2-A	Lab Control Sample	Total/NA	Solid	3550C	
MB 280-170676/1-A	Method Blank	Total/NA	Solid	3550C	

Analysis Batch: 170769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-41262-1	WFE01-01-51-20130421	Total/NA	Solid	8270C	170676
280-41262-2	WFE02-01-51-20130421	Total/NA	Solid	8270C	170676
280-41262-3	WFE03-01-51-20130421	Total/NA	Solid	8270C	170676
280-41262-4	WFE04-01-51-20130421	Total/NA	Solid	8270C	170676
280-41262-5	WFE05-01-51-20130421	Total/NA	Solid	8270C	170676
280-41262-6	WFE06-01-51-20130421	Total/NA	Solid	8270C	170676
280-41262-6 MS	WFE06-01-51-20130421	Total/NA	Solid	8270C	170676
280-41262-6 MSD	WFE06-01-51-20130421	Total/NA	Solid	8270C	170676
280-41262-7	WFE07-01-51-20130421	Total/NA	Solid	8270C	170676
280-41262-8	WFE07-01-52-20130421	Total/NA	Solid	8270C	170676
280-41262-9	WFE08-01-51-20130421	Total/NA	Solid	8270C	170676
280-41262-10	WFE09-01-51-20130421	Total/NA	Solid	8270C	170676
LCS 280-170676/2-A	Lab Control Sample	Total/NA	Solid	8270C	170676
MB 280-170676/1-A	Method Blank	Total/NA	Solid	8270C	170676

GC Semi VOA

Prep Batch: 101254

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-41262-1	WFE01-01-51-20130421	Total/NA	Solid	3550C	
280-41262-2	WFE02-01-51-20130421	Total/NA	Solid	3550C	
280-41262-3	WFE03-01-51-20130421	Total/NA	Solid	3550C	
280-41262-4	WFE04-01-51-20130421	Total/NA	Solid	3550C	
280-41262-5	WFE05-01-51-20130421	Total/NA	Solid	3550C	
280-41262-6	WFE06-01-51-20130421	Total/NA	Solid	3550C	
280-41262-6 MS	WFE06-01-51-20130421	Total/NA	Solid	3550C	
280-41262-6 MSD	WFE06-01-51-20130421	Total/NA	Solid	3550C	
280-41262-7	WFE07-01-51-20130421	Total/NA	Solid	3550C	
280-41262-8	WFE07-01-52-20130421	Total/NA	Solid	3550C	
280-41262-9	WFE08-01-51-20130421	Total/NA	Solid	3550C	
280-41262-10	WFE09-01-51-20130421	Total/NA	Solid	3550C	
LCS 640-101254/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 640-101254/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	

GC Semi VOA (Continued)

Prep Batch: 101254 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 640-101254/1-A	Method Blank	Total/NA	Solid	3550C	

Analysis Batch: 101269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-41262-1	WFE01-01-51-20130421	Total/NA	Solid	8141B	101254
280-41262-2	WFE02-01-51-20130421	Total/NA	Solid	8141B	101254
280-41262-3	WFE03-01-51-20130421	Total/NA	Solid	8141B	101254
280-41262-4	WFE04-01-51-20130421	Total/NA	Solid	8141B	101254
280-41262-5	WFE05-01-51-20130421	Total/NA	Solid	8141B	101254
280-41262-6	WFE06-01-51-20130421	Total/NA	Solid	8141B	101254
280-41262-6 MS	WFE06-01-51-20130421	Total/NA	Solid	8141B	101254
280-41262-6 MSD	WFE06-01-51-20130421	Total/NA	Solid	8141B	101254
280-41262-7	WFE07-01-51-20130421	Total/NA	Solid	8141B	101254
280-41262-8	WFE07-01-52-20130421	Total/NA	Solid	8141B	101254
280-41262-9	WFE08-01-51-20130421	Total/NA	Solid	8141B	101254
280-41262-10	WFE09-01-51-20130421	Total/NA	Solid	8141B	101254
LCS 640-101254/2-A	Lab Control Sample	Total/NA	Solid	8141B	101254
LCSD 640-101254/3-A	Lab Control Sample Dup	Total/NA	Solid	8141B	101254
MB 640-101254/1-A	Method Blank	Total/NA	Solid	8141B	101254

Prep Batch: 170727

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-41262-1	WFE01-01-51-20130421	Total/NA	Solid	8151A	
280-41262-2	WFE02-01-51-20130421	Total/NA	Solid	8151A	
280-41262-3	WFE03-01-51-20130421	Total/NA	Solid	8151A	
280-41262-4	WFE04-01-51-20130421	Total/NA	Solid	8151A	
280-41262-5	WFE05-01-51-20130421	Total/NA	Solid	8151A	
280-41262-6	WFE06-01-51-20130421	Total/NA	Solid	8151A	
280-41262-6 MS	WFE06-01-51-20130421	Total/NA	Solid	8151A	
280-41262-6 MSD	WFE06-01-51-20130421	Total/NA	Solid	8151A	
280-41262-7	WFE07-01-51-20130421	Total/NA	Solid	8151A	
280-41262-8	WFE07-01-52-20130421	Total/NA	Solid	8151A	
280-41262-9	WFE08-01-51-20130421	Total/NA	Solid	8151A	
280-41262-10	WFE09-01-51-20130421	Total/NA	Solid	8151A	
LCS 280-170727/2-A	Lab Control Sample	Total/NA	Solid	8151A	
MB 280-170727/1-A	Method Blank	Total/NA	Solid	8151A	

Analysis Batch: 170870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-41262-1	WFE01-01-51-20130421	Total/NA	Solid	8151A	170727
280-41262-2	WFE02-01-51-20130421	Total/NA	Solid	8151A	170727
280-41262-3	WFE03-01-51-20130421	Total/NA	Solid	8151A	170727
280-41262-4	WFE04-01-51-20130421	Total/NA	Solid	8151A	170727
280-41262-5	WFE05-01-51-20130421	Total/NA	Solid	8151A	170727
280-41262-6	WFE06-01-51-20130421	Total/NA	Solid	8151A	170727
280-41262-6 MS	WFE06-01-51-20130421	Total/NA	Solid	8151A	170727
280-41262-6 MSD	WFE06-01-51-20130421	Total/NA	Solid	8151A	170727
280-41262-7	WFE07-01-51-20130421	Total/NA	Solid	8151A	170727
280-41262-8	WFE07-01-52-20130421	Total/NA	Solid	8151A	170727
280-41262-9	WFE08-01-51-20130421	Total/NA	Solid	8151A	170727
280-41262-10	WFE09-01-51-20130421	Total/NA	Solid	8151A	170727

GC Semi VOA (Continued)

Analysis Batch: 170870 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 280-170727/2-A	Lab Control Sample	Total/NA	Solid	8151A	170727
MB 280-170727/1-A	Method Blank	Total/NA	Solid	8151A	170727

LCMS

Prep Batch: 171232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-41262-1	WFE01-01-51-20130421	Total/NA	Solid	8321A	
280-41262-2	WFE02-01-51-20130421	Total/NA	Solid	8321A	
280-41262-3	WFE03-01-51-20130421	Total/NA	Solid	8321A	
280-41262-4	WFE04-01-51-20130421	Total/NA	Solid	8321A	
280-41262-5	WFE05-01-51-20130421	Total/NA	Solid	8321A	
280-41262-6	WFE06-01-51-20130421	Total/NA	Solid	8321A	
280-41262-6 MS	WFE06-01-51-20130421	Total/NA	Solid	8321A	
280-41262-6 MSD	WFE06-01-51-20130421	Total/NA	Solid	8321A	
280-41262-7	WFE07-01-51-20130421	Total/NA	Solid	8321A	
280-41262-8	WFE07-01-52-20130421	Total/NA	Solid	8321A	
280-41262-9	WFE08-01-51-20130421	Total/NA	Solid	8321A	
280-41262-10	WFE09-01-51-20130421	Total/NA	Solid	8321A	
LCS 280-171232/2-A	Lab Control Sample	Total/NA	Solid	8321A	
MB 280-171232/1-A	Method Blank	Total/NA	Solid	8321A	

Analysis Batch: 171283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-41262-1	WFE01-01-51-20130421	Total/NA	Solid	8321A	171232
280-41262-2	WFE02-01-51-20130421	Total/NA	Solid	8321A	171232
280-41262-3	WFE03-01-51-20130421	Total/NA	Solid	8321A	171232
280-41262-4	WFE04-01-51-20130421	Total/NA	Solid	8321A	171232
280-41262-5	WFE05-01-51-20130421	Total/NA	Solid	8321A	171232
280-41262-6	WFE06-01-51-20130421	Total/NA	Solid	8321A	171232
280-41262-6 MS	WFE06-01-51-20130421	Total/NA	Solid	8321A	171232
280-41262-6 MSD	WFE06-01-51-20130421	Total/NA	Solid	8321A	171232
280-41262-7	WFE07-01-51-20130421	Total/NA	Solid	8321A	171232
280-41262-8	WFE07-01-52-20130421	Total/NA	Solid	8321A	171232
280-41262-9	WFE08-01-51-20130421	Total/NA	Solid	8321A	171232
280-41262-10	WFE09-01-51-20130421	Total/NA	Solid	8321A	171232
LCS 280-171232/2-A	Lab Control Sample	Total/NA	Solid	8321A	171232
MB 280-171232/1-A	Method Blank	Total/NA	Solid	8321A	171232

General Chemistry

Analysis Batch: 170926

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-41262-1	WFE01-01-51-20130421	Total/NA	Solid	Moisture	
280-41262-2	WFE02-01-51-20130421	Total/NA	Solid	Moisture	
280-41262-3	WFE03-01-51-20130421	Total/NA	Solid	Moisture	
280-41262-4	WFE04-01-51-20130421	Total/NA	Solid	Moisture	
280-41262-5	WFE05-01-51-20130421	Total/NA	Solid	Moisture	
280-41262-6	WFE06-01-51-20130421	Total/NA	Solid	Moisture	
280-41262-7	WFE07-01-51-20130421	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 170926 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-41262-8	WFE07-01-52-20130421	Total/NA	Solid	Moisture	
280-41262-9	WFE08-01-51-20130421	Total/NA	Solid	Moisture	
280-41262-10	WFE09-01-51-20130421	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: West Ammonium Explosion

TestAmerica Job ID: 280-41262-1

Client Sample ID: WFE01-01-51-20130421

Lab Sample ID: 280-41262-1

Date Collected: 04/21/13 00:54
Matrix: Solid
Date Received: 04/22/13 08:00
Percent Solids: 90.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.8 g	1000 uL	170676	04/22/13 14:45	BJ	TAL DEN
Total/NA	Analysis	8270C		1			170769	04/23/13 15:26	TLW	TAL DEN
Total/NA	Prep	8151A			52.0 g	10000 uL	170727	04/22/13 20:20	BJ	TAL DEN
Total/NA	Analysis	8151A		10			170870	04/24/13 13:18	LKG	TAL DEN
Total/NA	Prep	8151A			52.0 g	10000 uL	170727	04/22/13 20:20	BJ	TAL DEN
Total/NA	Analysis	8151A		10			170870	04/24/13 13:18	LKG	TAL DEN
Total/NA	Prep	3550C			00030.13 g	10.0 mL	101254	04/24/13 10:17	MJ	TAL TAL
Total/NA	Analysis	8141B		1			101269	04/24/13 16:45	MLT	TAL TAL
Total/NA	Prep	8321A			5.18 g	200 mL	171232	04/25/13 07:00	AGCM	TAL DEN
Total/NA	Analysis	8321A		1			171283	04/25/13 11:54	AGCM	TAL DEN
Total/NA	Analysis	Moisture		1			170926	04/23/13 14:46	AFB	TAL DEN

Client Sample ID: WFE02-01-51-20130421

Lab Sample ID: 280-41262-2

Date Collected: 04/21/13 02:08
Matrix: Solid
Date Received: 04/22/13 08:00
Percent Solids: 83.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.1 g	1000 uL	170676	04/22/13 14:45	BJ	TAL DEN
Total/NA	Analysis	8270C		1			170769	04/23/13 15:53	TLW	TAL DEN
Total/NA	Prep	8151A			51.3 g	10000 uL	170727	04/22/13 20:20	BJ	TAL DEN
Total/NA	Analysis	8151A		10			170870	04/24/13 13:41	LKG	TAL DEN
Total/NA	Prep	8151A			51.3 g	10000 uL	170727	04/22/13 20:20	BJ	TAL DEN
Total/NA	Analysis	8151A		10			170870	04/24/13 13:41	LKG	TAL DEN
Total/NA	Prep	3550C			00030.44 g	10.0 mL	101254	04/24/13 10:17	MJ	TAL TAL
Total/NA	Analysis	8141B		1			101269	04/24/13 17:00	MLT	TAL TAL
Total/NA	Prep	8321A			5.26 g	200 mL	171232	04/25/13 07:00	AGCM	TAL DEN
Total/NA	Analysis	8321A		1			171283	04/25/13 12:00	AGCM	TAL DEN
Total/NA	Analysis	Moisture		1			170926	04/23/13 14:46	AFB	TAL DEN

Client Sample ID: WFE03-01-51-20130421

Lab Sample ID: 280-41262-3

Date Collected: 04/21/13 10:20
Matrix: Solid
Date Received: 04/22/13 08:00
Percent Solids: 81.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.9 g	1000 uL	170676	04/22/13 14:45	BJ	TAL DEN
Total/NA	Analysis	8270C		1			170769	04/23/13 16:20	TLW	TAL DEN
Total/NA	Prep	8151A			50.9 g	10000 uL	170727	04/22/13 20:20	BJ	TAL DEN
Total/NA	Analysis	8151A		10			170870	04/24/13 14:03	LKG	TAL DEN
Total/NA	Prep	8151A			50.9 g	10000 uL	170727	04/22/13 20:20	BJ	TAL DEN
Total/NA	Analysis	8151A		10			170870	04/24/13 14:03	LKG	TAL DEN
Total/NA	Prep	3550C			00030.16 g	10.0 mL	101254	04/24/13 10:17	MJ	TAL TAL
Total/NA	Analysis	8141B		1			101269	04/24/13 17:14	MLT	TAL TAL
Total/NA	Prep	8321A			5.13 g	200 mL	171232	04/25/13 07:00	AGCM	TAL DEN

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: West Ammonium Explosion

TestAmerica Job ID: 280-41262-1

Client Sample ID: WFE03-01-51-20130421 — Lab Sample ID: 280-41262-3

Date Collected: 04/21/13 10:20 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 81.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8321A		1			171283	04/25/13 12:05	AGCM	TAL DEN
Total/NA	Analysis	Moisture		1			170926	04/23/13 14:46	AFB	TAL DEN

Client Sample ID: WFE04-01-51-20130421 — Lab Sample ID: 280-41262-4

Date Collected: 04/21/13 10:45 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 87.1**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.4 g	1000 uL	170676	04/22/13 14:45	BJ	TAL DEN
Total/NA	Analysis	8270C		1			170769	04/23/13 16:47	TLW	TAL DEN
Total/NA	Prep	8151A			50.4 g	10000 uL	170727	04/22/13 20:20	BJ	TAL DEN
Total/NA	Analysis	8151A		10			170870	04/24/13 14:26	LKG	TAL DEN
Total/NA	Prep	8151A			50.4 g	10000 uL	170727	04/22/13 20:20	BJ	TAL DEN
Total/NA	Analysis	8151A		10			170870	04/24/13 14:26	LKG	TAL DEN
Total/NA	Prep	3550C			00030.28 g	10.0 mL	101254	04/24/13 10:17	MJ	TAL TAL
Total/NA	Analysis	8141B		1			101269	04/24/13 17:29	MLT	TAL TAL
Total/NA	Prep	3550C			00030.28 g	10.0 mL	101254	04/24/13 10:17	MJ	TAL TAL
Total/NA	Analysis	8141B		1			101269	04/24/13 17:29	MLT	TAL TAL
Total/NA	Prep	8321A			5.12 g	200 mL	171232	04/25/13 07:00	AGCM	TAL DEN
Total/NA	Analysis	8321A		1			171283	04/25/13 12:10	AGCM	TAL DEN
Total/NA	Analysis	Moisture		1			170926	04/23/13 14:46	AFB	TAL DEN

Client Sample ID: WFE05-01-51-20130421 — Lab Sample ID: 280-41262-5

Date Collected: 04/21/13 11:05 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 82.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.0 g	1000 uL	170676	04/22/13 14:45	BJ	TAL DEN
Total/NA	Analysis	8270C		1			170769	04/23/13 17:14	TLW	TAL DEN
Total/NA	Prep	8151A			50.9 g	10000 uL	170727	04/22/13 20:20	BJ	TAL DEN
Total/NA	Analysis	8151A		10			170870	04/24/13 14:48	LKG	TAL DEN
Total/NA	Prep	8151A			50.9 g	10000 uL	170727	04/22/13 20:20	BJ	TAL DEN
Total/NA	Analysis	8151A		10			170870	04/24/13 14:48	LKG	TAL DEN
Total/NA	Prep	3550C			00030.60 g	10.0 mL	101254	04/24/13 10:17	MJ	TAL TAL
Total/NA	Analysis	8141B		1			101269	04/24/13 17:44	MLT	TAL TAL
Total/NA	Prep	3550C			00030.60 g	10.0 mL	101254	04/24/13 10:17	MJ	TAL TAL
Total/NA	Analysis	8141B		1			101269	04/24/13 17:44	MLT	TAL TAL
Total/NA	Prep	8321A			5.22 g	200 mL	171232	04/25/13 07:00	AGCM	TAL DEN
Total/NA	Analysis	8321A		1			171283	04/25/13 12:15	AGCM	TAL DEN
Total/NA	Analysis	Moisture		1			170926	04/23/13 14:46	AFB	TAL DEN

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: West Ammonium Explosion

TestAmerica Job ID: 280-41262-1

Client Sample ID: WFE06-01-51-20130421

Lab Sample ID: 280-41262-6

Date Collected: 04/21/13 09:45
Matrix: Solid
Date Received: 04/22/13 08:00
Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			31.5 g	1000 uL	170676	04/22/13 14:45	BJ	TAL DEN
Total/NA	Analysis	8270C		1			170769	04/23/13 19:28	TLW	TAL DEN
Total/NA	Prep	8151A			52.5 g	10000 uL	170727	04/22/13 20:20	BJ	TAL DEN
Total/NA	Analysis	8151A		10			170870	04/24/13 15:11	LKG	TAL DEN
Total/NA	Prep	8151A			52.5 g	10000 uL	170727	04/22/13 20:20	BJ	TAL DEN
Total/NA	Analysis	8151A		10			170870	04/24/13 15:11	LKG	TAL DEN
Total/NA	Prep	3550C			00030.71 g	10.0 mL	101254	04/24/13 10:17	MJ	TAL TAL
Total/NA	Analysis	8141B		1			101269	04/24/13 16:30	MLT	TAL TAL
Total/NA	Prep	8321A			5.01 g	200 mL	171232	04/25/13 07:00	AGCM	TAL DEN
Total/NA	Analysis	8321A		1			171283	04/25/13 12:20	AGCM	TAL DEN
Total/NA	Analysis	Moisture		1			170926	04/23/13 14:46	AFB	TAL DEN

Client Sample ID: WFE07-01-51-20130421

Lab Sample ID: 280-41262-7

Date Collected: 04/21/13 10:00
Matrix: Solid
Date Received: 04/22/13 08:00
Percent Solids: 90.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.5 g	1000 uL	170676	04/22/13 14:45	BJ	TAL DEN
Total/NA	Analysis	8270C		1			170769	04/23/13 17:41	TLW	TAL DEN
Total/NA	Prep	8151A			50.8 g	10000 uL	170727	04/22/13 20:20	BJ	TAL DEN
Total/NA	Analysis	8151A		10			170870	04/24/13 16:41	LKG	TAL DEN
Total/NA	Prep	8151A			50.8 g	10000 uL	170727	04/22/13 20:20	BJ	TAL DEN
Total/NA	Analysis	8151A		10			170870	04/24/13 16:41	LKG	TAL DEN
Total/NA	Prep	3550C			00030.60 g	10.0 mL	101254	04/24/13 10:17	MJ	TAL TAL
Total/NA	Analysis	8141B		1			101269	04/24/13 17:59	MLT	TAL TAL
Total/NA	Prep	8321A			5.15 g	200 mL	171232	04/25/13 07:00	AGCM	TAL DEN
Total/NA	Analysis	8321A		1			171283	04/25/13 12:41	AGCM	TAL DEN
Total/NA	Analysis	Moisture		1			170926	04/23/13 14:46	AFB	TAL DEN

Client Sample ID: WFE07-01-52-20130421

Lab Sample ID: 280-41262-8

Date Collected: 04/21/13 10:05
Matrix: Solid
Date Received: 04/22/13 08:00
Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.1 g	1000 uL	170676	04/22/13 14:45	BJ	TAL DEN
Total/NA	Analysis	8270C		1			170769	04/23/13 18:08	TLW	TAL DEN
Total/NA	Prep	8151A			51.4 g	10000 uL	170727	04/22/13 20:20	BJ	TAL DEN
Total/NA	Analysis	8151A		10			170870	04/24/13 17:03	LKG	TAL DEN
Total/NA	Prep	8151A			51.4 g	10000 uL	170727	04/22/13 20:20	BJ	TAL DEN
Total/NA	Analysis	8151A		10			170870	04/24/13 17:03	LKG	TAL DEN
Total/NA	Prep	3550C			00030.74 g	10.0 mL	101254	04/24/13 10:17	MJ	TAL TAL
Total/NA	Analysis	8141B		1			101269	04/24/13 18:14	MLT	TAL TAL
Total/NA	Prep	3550C			00030.74 g	10.0 mL	101254	04/24/13 10:17	MJ	TAL TAL

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: West Ammonium Explosion

TestAmerica Job ID: 280-41262-1

Client Sample ID: WFE07-01-52-20130421 — Lab Sample ID: 280-41262-8

Date Collected: 04/21/13 10:05 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 91.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8141B		1			101269	04/24/13 18:14	MLT	TAL TAL
Total/NA	Prep	8321A			5.19 g	200 mL	171232	04/25/13 07:00	AGCM	TAL DEN
Total/NA	Analysis	8321A		1			171283	04/25/13 12:46	AGCM	TAL DEN
Total/NA	Analysis	Moisture		1			170926	04/23/13 14:46	AFB	TAL DEN

Client Sample ID: WFE08-01-51-20130421 — Lab Sample ID: 280-41262-9

Date Collected: 04/21/13 01:42 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 80.7**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.6 g	1000 uL	170676	04/22/13 14:45	BJ	TAL DEN
Total/NA	Analysis	8270C		1			170769	04/23/13 18:35	TLW	TAL DEN
Total/NA	Prep	8151A			51.6 g	10000 uL	170727	04/22/13 20:20	BJ	TAL DEN
Total/NA	Analysis	8151A		10			170870	04/24/13 17:26	LKG	TAL DEN
Total/NA	Prep	8151A			51.6 g	10000 uL	170727	04/22/13 20:20	BJ	TAL DEN
Total/NA	Analysis	8151A		10			170870	04/24/13 17:26	LKG	TAL DEN
Total/NA	Prep	3550C			00030.75 g	10.0 mL	101254	04/24/13 10:17	MJ	TAL TAL
Total/NA	Analysis	8141B		1			101269	04/24/13 18:29	MLT	TAL TAL
Total/NA	Prep	3550C			00030.75 g	10.0 mL	101254	04/24/13 10:17	MJ	TAL TAL
Total/NA	Analysis	8141B		1			101269	04/24/13 18:29	MLT	TAL TAL
Total/NA	Prep	8321A			5.11 g	200 mL	171232	04/25/13 07:00	AGCM	TAL DEN
Total/NA	Analysis	8321A		1			171283	04/25/13 12:51	AGCM	TAL DEN
Total/NA	Analysis	Moisture		1			170926	04/23/13 14:46	AFB	TAL DEN

Client Sample ID: WFE09-01-51-20130421 — Lab Sample ID: 280-41262-10

Date Collected: 04/21/13 01:13 — **Matrix: Solid**
Date Received: 04/22/13 08:00 — **Percent Solids: 85.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.5 g	1000 uL	170676	04/22/13 14:45	BJ	TAL DEN
Total/NA	Analysis	8270C		1			170769	04/23/13 19:01	TLW	TAL DEN
Total/NA	Prep	8151A			51.5 g	10000 uL	170727	04/22/13 20:20	BJ	TAL DEN
Total/NA	Analysis	8151A		10			170870	04/24/13 17:48	LKG	TAL DEN
Total/NA	Prep	8151A			51.5 g	10000 uL	170727	04/22/13 20:20	BJ	TAL DEN
Total/NA	Analysis	8151A		10			170870	04/24/13 17:48	LKG	TAL DEN
Total/NA	Prep	3550C			00030.70 g	10.0 mL	101254	04/24/13 10:17	MJ	TAL TAL
Total/NA	Analysis	8141B		1			101269	04/24/13 18:44	MLT	TAL TAL
Total/NA	Prep	8321A			5.12 g	200 mL	171232	04/25/13 07:00	AGCM	TAL DEN
Total/NA	Analysis	8321A		1			171283	04/25/13 12:56	AGCM	TAL DEN
Total/NA	Analysis	Moisture		1			170926	04/23/13 14:46	AFB	TAL DEN

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: West Ammonium Explosion

TestAmerica Job ID: 280-41262-1

Laboratory References:

TAL DEN = TestAmerica Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

TAL TAL = TestAmerica Tallahassee, 2846 Industrial Plaza Drive, Tallahassee, FL 32301, TEL (850)878-3994

Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 280-41262-1

Login Number: 41262

List Source: TestAmerica Denver

List Number: 1

Creator: Bindel, Aaron M

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	Not requested on COC.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 280-41262-1

Login Number: 41262
List Number: 1
Creator: Carpenter, Jonnie T

List Source: TestAmerica Tallahassee
List Creation: 04/24/13 09:32 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

2.3 I *
4/21/13 AB

USEPA
DateShipped: 4/21/2013

CHAIN OF CUSTODY RECORD
West Ammonium Explosion
Contact Name: Kristie Warr
Contact Phone: 832-444-7976

No: 6-042013-185343-0002
Cooler #: 2
Lab: Test America - Denver
Lab Phone: 802-660-1990

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	WFE01-01-51-20130421	WFE01	SVOCs + TICs, Herbicides, Glyphosate DI Leachate	Soil	4/21/2013	00:54	1	8 oz Jar	Ice	N
	WFE02-01-51-20130421	WFE02	SVOCs + TICs, Herbicides, Glyphosate DI Leachate	Soil	4/21/2013	02:08	1	8 oz Jar	Ice	N
	WFE03-01-51-20130421	WFE03	SVOCs + TICs, Herbicides, Glyphosate DI Leachate	Soil	4/21/2013	10:20	1	8 oz Jar	Ice	N
	WFE04-01-51-20130421	WFE04	SVOCs + TICs, Herbicides, Glyphosate DI Leachate	Soil	4/21/2013	10:45	1	8 oz Jar	Ice	N
	WFE05-01-51-20130421	WFE05	SVOCs + TICs, Herbicides, Glyphosate DI Leachate	Soil	4/21/2013	11:05	1	8 oz Jar	Ice	N
	WFE06-01-51-20130421	WFE06	SVOCs + TICs, Herbicides, Glyphosate DI Leachate	Soil	4/21/2013	09:45	2	8 oz Jar	Ice	Y
	WFE07-01-51-20130421	WFE07	SVOCs + TICs, Herbicides, Glyphosate DI Leachate	Soil	4/21/2013	10:00	1	8 oz Jar	Ice	N
	WFE07-01-52-20130421	WFE07	SVOCs + TICs, Herbicides, Glyphosate DI Leachate	Soil	4/21/2013	10:05	1	8 oz Jar	Ice	N
	WFE08-01-51-20130421	WFE08	SVOCs + TICs, Herbicides, Glyphosate DI Leachate	Soil	4/21/2013	01:42	1	8 oz Jar	Ice	N
	WFE09-01-51-20130421	WFE09	SVOCs + TICs, Herbicides, Glyphosate DI Leachate	Soil	4/21/2013	01:13	1	8 oz Jar	Ice	N

Special Instructions: 3 day TAT

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
11 SOIL SAMPLES Analysis	Derrick Cobb	4/21/13	[illegible]	4/21/13	~~0812~~ 2040		[illegible]	4/21/13	[illegible]	4/22/13	0800

3.1 IR
4/21/13 AB

USEPA
DateShipped: 4/21/2013

CHAIN OF CUSTODY RECORD
West Ammonium Explosion
Contact Name: Kristie Warr
Contact Phone: 832-444-7976

No: 6-042013-171402-0001
Cooler #: 1
Lab: Test America - Denver
Lab Phone: 802-660-1990

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	WFE02-01-51-20130421	WFE02	Organophosphorus Pesticides	Soil	4/21/2013	02:08	1	8 oz Jar	Ice	N
	WFE03-01-51-20130421	WFE03	Organophosphorus Pesticides	Soil	4/21/2013	10:20	1	8 oz Jar	Ice	N
	WFE04-01-51-20130421	WFE04	Organophosphorus Pesticides	Soil	4/21/2013	10:45	1	8 oz Jar	Ice	N
	WFE05-01-51-20130421	WFE05	Organophosphorus Pesticides	Soil	4/21/2013	11:05	1	8 oz Jar	Ice	N
	WFE06-01-51-20130421	WFE06	Organophosphorus Pesticides	Soil	4/21/2013	09:45	2	8 oz Jar	Ice	Y
	WFE07-01-51-20130421	WFE07	Organophosphorus Pesticides	Soil	4/21/2013	10:00	1	8 oz Jar	Ice	N
	WFE07-01-52-20130421	WFE07	Organophosphorus Pesticides	Soil	4/21/2013	10:05	1	8 oz Jar	Ice	N
	WFE08-01-51-20130421	WFE08	Organophosphorus Pesticides	Soil	4/21/2013	01:42	1	8 oz Jar	Ice	N
	WFE09-01-51-20130421	WFE09	Organophosphorus Pesticides	Soil	4/21/2013	01:13	1	8 oz Jar	Ice	N
	WFE01-01-51-20130421	WFE01	Organophosphorus Pesticides	Soil	4/21/2013	00:54	1	8 oz Jar	Ice	N

Special Instructions: 3 day TAT

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
11 SOIL SAMPLES Analysis	Derrick Cobb	4/21/13	[illegible]	4/21/13	2040		[illegible]	4/21/13	[illegible]	4/22/13	0800