TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Denver
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Tel: (303)736-0100

TestAmerica Job ID: 280-41269-1
Client Project/Site: West Ammonium Explosion

For:
Weston Solutions, Inc.
5599 San Felipe
Suite 700
Houston, Texas 77056

Attn: Mrs. Kristie Warr

Authorized for release by:
4/26/2013 2:05:40 PM

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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: 280-41269-1

Laboratory: TestAmerica Denver

Narrative

CASE NARRATIVE

Client: Weston Solutions, Inc.

Project: West Ammonium Explosion

Report Number: 280-41269-1

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
Four soil samples were received under Chain of Custody on April 23, 2012. The samples were received in good condition at temperatures of 2.3°C (Denver) and 3.1°C (Tallahassee).

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 anomalies were encountered during sample receipt.

GC/MS Semivolatiles - SW846 Method 8270C
Each sample is analyzed to achieve the lowest possible reporting limits within the constraints of the method. Due to matrix interference, samples WFE10-01-51-20130421 (280-41269-1), WFE11-01-51-20130421 (280-41269-2), WFE12-01-51-20130421 (280-41269-3) and WFE12-01-52-20130421 (280-41269-4) had to be analyzed at a 4X dilution. The reporting limits have been adjusted relative to the dilution required. The laboratory noted that the sample extracts were viscous and analysis at a lesser dilution would jeopardize the integrity of the instrument.

Surrogate recoveries could not be reliably calculated for samples WFE10-01-51-20130421 (280-41269-1), WFE 11-01-51-20130421 (280-41269-2), WFE12-01-51-20130421 (280-41269-3) and WFE12-01-52-20130421 (280-41269-4), because the extracts were diluted beyond the ability to quantitate recoveries.

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 come from either column.

Job ID: 280-41269-1 (Continued)

Laboratory: TestAmerica Denver (Continued)

Each sample is analyzed to achieve the lowest possible reporting limits within the constraints of the method. Due to the nature of the sample matrix and the presence of non-target peaks, samples WFE10-01-51-20130421 (280-41269-1), WFE11-01-51-20130421 (280-41269-2), WFE12-01-51-20130421 (280-41269-3) and WFE12-01-52-20130421 (280-41269-4) required a 10X dilution prior to analysis. The reporting limits have been adjusted accordingly.

Surrogate recoveries could not be reliably calculated for samples WFE10-01-51-20130421 (280-41269-1), WFE 11-01-51-20130421 (280-41269-2), WFE12-01-51-20130421 (280-41269-3) and WFE12-01-52-20130421 (280-41269-4), because the extracts were diluted beyond the ability to quantitate recoveries.

The LCS/LCSD associated with prep batch 280-170964 exhibited the LCSD percent recoveries above the QC control limits for 2,4-D at 121% (limits 32-115%), 2,4,5-T at 123% (limits 24-115%), Picloram at 109% (limits 10-100%) and surrogate 2,4-Dichlorophenylacetic acid at 111% and 114% (limits 31-105%). This is an indicator that data may be biased high. No detectable concentrations are present in the associated samples. The acceptable LCS analyte recoveries provide evidence that the laboratory is performing the method within acceptable guidelines; therefore, corrective action is deemed unnecessary. Associated data in the analytical report have been flagged "*".

The Initial Calibration Verification (ICV) standard associated with analytical batch 280-171204 exhibited the % Difference (%D) value above the control limits for MCPP (+26%) on the confirmation column. The data have been reported from the primary column where the ICV was within control limits and the associated results ND.

No other anomalies were observed.

LC/MS / Glyphosate - SW846 Method 8321A
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

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. Usability of the sample data is not compromised.

No other anomalies were observed.

General Chemistry - Percent Moisture
No anomalies were observed.

Qualifiers

GC/MS 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.

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
*	LCS or LCSD exceeds the control limits
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.

LCMS

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.

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: 280-41269-1

Client Sample ID: WFE10-01-51-20130421 — Lab Sample ID: 280-41269-1

No Detections.

Client Sample ID: WFE11-01-51-20130421 — Lab Sample ID: 280-41269-2

No Detections.

Client Sample ID: WFE12-01-51-20130421 — Lab Sample ID: 280-41269-3

No Detections.

Client Sample ID: WFE12-01-52-20130421 — Lab Sample ID: 280-41269-4

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

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

TestAmerica Job ID: 280-41269-1

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: 280-41269-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
280-41269-1	WFE10-01-51-20130421	Solid	04/21/13 15:15	04/23/13 09:24
280-41269-2	WFE11-01-51-20130421	Solid	04/21/13 15:35	04/23/13 09:24
280-41269-3	WFE12-01-51-20130421	Solid	04/21/13 15:55	04/23/13 09:24
280-41269-4	WFE12-01-52-20130421	Solid	04/21/13 16:00	04/23/13 09:24

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

Client Sample ID: WFE10-01-51-20130421
Date Collected: 04/21/13 15:15
Date Received: 04/23/13 09:24

Lab Sample ID: 280-41269-1
Matrix: Solid
Percent Solids: 76.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1700	53	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Acenaphthylene	ND		1700	87	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Acetophenone	ND		1700	100	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Aniline	ND		1700	670	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Anthracene	ND		1700	87	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Aramite, Total	ND		1500	140	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Benzo[a]anthracene	ND		1700	100	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Benzo[a]pyrene	ND		1700	100	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Benzo[b]fluoranthene	ND		1700	130	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Benzo[g,h,i]perylene	ND		1700	82	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Benzo[k]fluoranthene	ND		1700	210	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Benzyl alcohol	ND		1700	51	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Bis(2-chloroethoxy)methane	ND		1700	120	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Bis(2-chloroethyl)ether	ND		1700	85	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Bis(2-ethylhexyl) phthalate	ND		1700	240	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Butyl benzyl phthalate	ND		1700	220	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Ethyl 4,4'-Dichlorobenzilate	ND		1700	290	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Chrysene	ND		1700	140	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Diallate	ND		950	120	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Dibenz(a,h)anthracene	ND		1700	97	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Dibenzofuran	ND		1700	100	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Diethyl phthalate	ND		3400	130	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Dimethoate	ND		3400	350	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Dimethyl phthalate	ND		1700	120	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Di-n-butyl phthalate	ND		1700	150	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Di-n-octyl phthalate	ND		1700	74	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Diphenylamine	ND		1700	230	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Disulfoton	ND		8200	300	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Ethyl methanesulfonate	ND		1700	280	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Ethyl Parathion	ND		8200	330	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Fluoranthene	ND		1700	180	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Fluorene	ND		1700	92	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Hexachlorobenzene	ND		1700	150	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Hexachlorobutadiene	ND		1700	51	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Hexachlorocyclopentadiene	ND		8200	260	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Hexachloroethane	ND		1700	110	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Hexachloropropene	ND		17000	250	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Indeno[1,2,3-cd]pyrene	ND		1700	110	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Isodrin	ND		1700	420	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Isophorone	ND		1700	87	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Isosafrole	ND		600	220	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Methapyrilene	ND		8200	510	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Methyl methanesulfonate	ND		1700	340	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Methyl parathion	ND		8200	700	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Naphthalene	ND		1700	160	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Nitrobenzene	ND		1700	110	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
5-Nitro-o-toluidine	ND		3400	320	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
N-Nitrosodiethylamine	ND		1700	330	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
N-Nitrosodimethylamine	ND		1700	190	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4

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

Client Sample ID: WFE10-01-51-20130421
Date Collected: 04/21/13 15:15
Date Received: 04/23/13 09:24

Lab Sample ID: 280-41269-1
Matrix: Solid
Percent Solids: 76.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-butylamine	ND		1700	500	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
N-Nitrosodi-n-propylamine	ND		1700	160	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
n-Nitrosodiphenylamine(as diphenylamine)	ND		1700	110	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
N-Nitrosomethylethylamine	ND		1700	300	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
N-Nitrosomorpholine	ND		1700	620	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
N-Nitrosopiperidine	ND		1700	370	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
N-Nitrosopyrrolidine	ND		1700	330	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Pentachlorobenzene	ND		1700	330	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Pentachloroethane	ND		8200	320	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Pentachloronitrobenzene	ND		8200	440	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Pentachlorophenol	ND		8200	1700	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Phenacetin	ND		3400	380	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Phenol	ND		1700	92	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Phenanthrene	ND		1700	87	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Phorate	ND		8200	300	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Pronamide	ND		1700	670	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Pyrene	ND		1700	62	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Pyridine	ND		3400	670	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Thionazin	ND		8200	370	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
1,2,4,5-Tetrachlorobenzene	ND		1700	250	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
1,2,4-Trichlorobenzene	ND		1700	140	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
1,2-Dichlorobenzene	ND		1700	110	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
1,3,5-Trinitrobenzene	ND		8200	1300	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
1,3-Dichlorobenzene	ND		1700	62	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
1,4-Dichlorobenzene	ND		1700	70	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
1-Naphthylamine	ND		3400	820	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
1,4-Naphthoquinone	ND		8200	310	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
1,3-Dinitrobenzene	ND		1700	360	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
2,3,4,6-Tetrachlorophenol	ND		8200	700	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
2,4,5-Trichlorophenol	ND		1700	51	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
2,4,6-Trichlorophenol	ND		1700	51	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
2,4-Dichlorophenol	ND		1700	51	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
2,4-Dimethylphenol	ND		1700	340	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
2,4-Dinitrophenol	ND		8200	1700	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
2,4-Dinitrotoluene	ND		1700	340	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
2,6-Dinitrotoluene	ND		1700	140	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
2-Acetylaminofluorene	ND		17000	920	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
2-Chloronaphthalene	ND		1700	51	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
2-Chlorophenol	ND		1700	110	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
2-Picoline	ND		3400	240	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
2-Toluidine	ND		3400	1300	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
3 & 4 Methylphenol	ND		1700	170	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
3,3'-Dichlorobenzidine	ND		3400	460	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
3,3'-Dimethylbenzidine	ND		3400	2100	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
3-Methylcholanthrene	ND		3400	340	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
3-Nitroaniline	ND		8200	370	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
4,6-Dinitro-2-methylphenol	ND		8200	1700	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
2-Methylphenol	ND		1700	67	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
2-Naphthylamine	ND		3400	1000	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4

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

Client Sample ID: WFE10-01-51-20130421 — **Lab Sample ID: 280-41269-1**
Date Collected: 04/21/13 15:15 — **Matrix: Solid**
Date Received: 04/23/13 09:24 — **Percent Solids: 76.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		8200	260	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
2-Nitrophenol	ND		1700	51	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
4-Aminobiphenyl	ND		8200	820	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
4-Bromophenyl phenyl ether	ND		1700	97	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
4-Chloro-3-methylphenol	ND		1700	340	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
4-Chloroaniline	ND		1700	420	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
4-Chlorophenyl phenyl ether	ND		1700	110	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
4-Nitroaniline	ND		8200	370	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
4-Nitrophenol	ND		8200	500	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
4-Nitroquinoline-1-oxide	ND		17000	1600	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
2-Methylnaphthalene	ND		1700	97	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
7,12-Dimethylbenz(a)anthracene	ND		3400	220	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
2,6-Dichlorophenol	ND		1700	350	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4
Atrazine	ND		1700	190	ug/Kg	☼	04/23/13 19:35	04/25/13 15:33	4

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*4600*	*T J*	*ug/Kg*	☼	*3.03*		*04/23/13 19:35*	*04/25/13 15:33*	*4*
Unknown	*4300*	*T J*	*ug/Kg*	☼	*4.33*		*04/23/13 19:35*	*04/25/13 15:33*	*4*
1,4-Dichlorobenzene-d4	*3300*	*T J N*	*ug/Kg*	☼	*4.69*	*3855-82-1*	*04/23/13 19:35*	*04/25/13 15:33*	*4*
Unknown	*7700*	*T J*	*ug/Kg*	☼	*17.87*		*04/23/13 19:35*	*04/25/13 15:33*	*4*
Unknown	*1300*	*T J*	*ug/Kg*	☼	*18.27*		*04/23/13 19:35*	*04/25/13 15:33*	*4*
Tricosane	*1300*	*T J N*	*ug/Kg*	☼	*18.60*	*638-67-5*	*04/23/13 19:35*	*04/25/13 15:33*	*4*
Unknown	*1700*	*T J*	*ug/Kg*	☼	*21.29*		*04/23/13 19:35*	*04/25/13 15:33*	*4*
Unknown	*1100*	*T J*	*ug/Kg*	☼	*22.04*		*04/23/13 19:35*	*04/25/13 15:33*	*4*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*79*	*D*	*53 - 120*	*04/23/13 19:35*	*04/25/13 15:33*	*4*
Phenol-d5	*84*	*D*	*52 - 120*	*04/23/13 19:35*	*04/25/13 15:33*	*4*
Nitrobenzene-d5	*78*	*D*	*50 - 120*	*04/23/13 19:35*	*04/25/13 15:33*	*4*
2-Fluorobiphenyl	*82*	*D*	*50 - 120*	*04/23/13 19:35*	*04/25/13 15:33*	*4*
2,4,6-Tribromophenol	*80*	*D*	*51 - 120*	*04/23/13 19:35*	*04/25/13 15:33*	*4*
Terphenyl-d14	*88*	*D*	*55 - 120*	*04/23/13 19:35*	*04/25/13 15:33*	*4*

Client Sample ID: WFE11-01-51-20130421 — **Lab Sample ID: 280-41269-2**
Date Collected: 04/21/13 15:35 — **Matrix: Solid**
Date Received: 04/23/13 09:24 — **Percent Solids: 85.0**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1500	48	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Acenaphthylene	ND		1500	80	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Acetophenone	ND		1500	94	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Aniline	ND		1500	610	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Anthracene	ND		1500	80	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Aramite, Total	ND		1400	130	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Benzo[a]anthracene	ND		1500	94	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Benzo[a]pyrene	ND		1500	94	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Benzo[b]fluoranthene	ND		1500	120	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Benzo[g,h,i]perylene	ND		1500	75	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Benzo[k]fluoranthene	ND		1500	190	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Benzyl alcohol	ND		1500	47	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Bis(2-chloroethoxy)methane	ND		1500	110	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4

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

Client Sample ID: WFE11-01-51-20130421
Date Collected: 04/21/13 15:35
Date Received: 04/23/13 09:24

Lab Sample ID: 280-41269-2
Matrix: Solid
Percent Solids: 85.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	ND		1500	78	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Bis(2-ethylhexyl) phthalate	ND		1500	220	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Butyl benzyl phthalate	ND		1500	200	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Ethyl 4,4'-Dichlorobenzilate	ND		1500	270	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Chrysene	ND		1500	130	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Diallate	ND		870	110	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Dibenz(a,h)anthracene	ND		1500	89	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Dibenzofuran	ND		1500	94	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Diethyl phthalate	ND		3100	120	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Dimethoate	ND		3100	320	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Dimethyl phthalate	ND		1500	110	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Di-n-butyl phthalate	ND		1500	140	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Di-n-octyl phthalate	ND		1500	67	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Diphenylamine	ND		1500	210	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Disulfoton	ND		7500	280	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Ethyl methanesulfonate	ND		1500	260	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Ethyl Parathion	ND		7500	300	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Fluoranthene	ND		1500	170	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Fluorene	ND		1500	84	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Hexachlorobenzene	ND		1500	140	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Hexachlorobutadiene	ND		1500	47	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Hexachlorocyclopentadiene	ND		7500	230	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Hexachloroethane	ND		1500	100	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Hexachloropropene	ND		15000	220	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Indeno[1,2,3-cd]pyrene	ND		1500	100	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Isodrin	ND		1500	380	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Isophorone	ND		1500	80	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Isosafrole	ND		540	200	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Methapyrilene	ND		7500	470	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Methyl methanesulfonate	ND		1500	310	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Methyl parathion	ND		7500	640	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Naphthalene	ND		1500	140	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Nitrobenzene	ND		1500	100	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
5-Nitro-o-toluidine	ND		3100	290	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
N-Nitrosodiethylamine	ND		1500	300	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
N-Nitrosodimethylamine	ND		1500	170	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
N-Nitrosodi-n-butylamine	ND		1500	450	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
N-Nitrosodi-n-propylamine	ND		1500	140	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
n-Nitrosodiphenylamine(as diphenylamine)	ND		1500	98	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
N-Nitrosomethylethylamine	ND		1500	280	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
N-Nitrosomorpholine	ND		1500	560	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
N-Nitrosopiperidine	ND		1500	340	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
N-Nitrosopyrrolidine	ND		1500	300	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Pentachlorobenzene	ND		1500	300	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Pentachloroethane	ND		7500	290	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Pentachloronitrobenzene	ND		7500	400	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Pentachlorophenol	ND		7500	1500	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Phenacetin	ND		3100	350	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Phenol	ND		1500	84	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4

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

Client Sample ID: WFE11-01-51-20130421
Date Collected: 04/21/13 15:35
Date Received: 04/23/13 09:24

Lab Sample ID: 280-41269-2
Matrix: Solid
Percent Solids: 85.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		1500	80	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Phorate	ND		7500	280	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Pronamide	ND		1500	610	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Pyrene	ND		1500	57	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Pyridine	ND		3100	610	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
Thionazin	ND		7500	340	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
1,2,4,5-Tetrachlorobenzene	ND		1500	230	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
1,2,4-Trichlorobenzene	ND		1500	130	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
1,2-Dichlorobenzene	ND		1500	100	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
1,3,5-Trinitrobenzene	ND		7500	1200	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
1,3-Dichlorobenzene	ND		1500	56	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
1,4-Dichlorobenzene	ND		1500	64	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
1-Naphthylamine	ND		3100	750	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
1,4-Naphthoquinone	ND		7500	290	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
1,3-Dinitrobenzene	ND		1500	330	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
2,3,4,6-Tetrachlorophenol	ND		7500	640	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
2,4,5-Trichlorophenol	ND		1500	47	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
2,4,6-Trichlorophenol	ND		1500	47	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
2,4-Dichlorophenol	ND		1500	47	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
2,4-Dimethylphenol	ND		1500	310	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
2,4-Dinitrophenol	ND		7500	1600	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
2,4-Dinitrotoluene	ND		1500	310	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
2,6-Dinitrotoluene	ND		1500	130	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
2-Acetylaminofluorene	ND		15000	840	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
2-Chloronaphthalene	ND		1500	47	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
2-Chlorophenol	ND		1500	98	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
2-Picoline	ND		3100	220	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
2-Toluidine	ND		3100	1200	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
3 & 4 Methylphenol	ND		1500	150	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
3,3'-Dichlorobenzidine	ND		3100	420	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
3,3'-Dimethylbenzidine	ND		3100	1900	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
3-Methylcholanthrene	ND		3100	310	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
3-Nitroaniline	ND		7500	340	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
4,6-Dinitro-2-methylphenol	ND		7500	1500	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
2-Methylphenol	ND		1500	61	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
2-Naphthylamine	ND		3100	940	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
2-Nitroaniline	ND		7500	230	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
2-Nitrophenol	ND		1500	47	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
4-Aminobiphenyl	ND		7500	750	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
4-Bromophenyl phenyl ether	ND		1500	89	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
4-Chloro-3-methylphenol	ND		1500	310	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
4-Chloroaniline	ND		1500	380	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
4-Chlorophenyl phenyl ether	ND		1500	98	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
4-Nitroaniline	ND		7500	340	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
4-Nitrophenol	ND		7500	450	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
4-Nitroquinoline-1-oxide	ND		15000	1400	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
2-Methylnaphthalene	ND		1500	89	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
7,12-Dimethylbenz(a)anthracene	ND		3100	200	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4
2,6-Dichlorophenol	ND		1500	320	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4

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

Client Sample ID: WFE11-01-51-20130421 — **Lab Sample ID: 280-41269-2**
Date Collected: 04/21/13 15:35 — **Matrix: Solid**
Date Received: 04/23/13 09:24 — **Percent Solids: 85.0**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND		1500	170	ug/Kg	☼	04/23/13 19:35	04/25/13 15:59	4

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*4600*	*T J*	*ug/Kg*	☼	*3.03*		*04/23/13 19:35*	*04/25/13 15:59*	*4*
Unknown	*4000*	*T J*	*ug/Kg*	☼	*4.32*		*04/23/13 19:35*	*04/25/13 15:59*	*4*
1,4-Dichlorobenzene-d4	*3000*	*T J N*	*ug/Kg*	☼	*4.69*	*3855-82-1*	*04/23/13 19:35*	*04/25/13 15:59*	*4*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*80*	*D*	*53 - 120*	*04/23/13 19:35*	*04/25/13 15:59*	*4*
Phenol-d5	*82*	*D*	*52 - 120*	*04/23/13 19:35*	*04/25/13 15:59*	*4*
Nitrobenzene-d5	*78*	*D*	*50 - 120*	*04/23/13 19:35*	*04/25/13 15:59*	*4*
2-Fluorobiphenyl	*84*	*D*	*50 - 120*	*04/23/13 19:35*	*04/25/13 15:59*	*4*
2,4,6-Tribromophenol	*79*	*D*	*51 - 120*	*04/23/13 19:35*	*04/25/13 15:59*	*4*
Terphenyl-d14	*97*	*D*	*55 - 120*	*04/23/13 19:35*	*04/25/13 15:59*	*4*

Client Sample ID: WFE12-01-51-20130421 — **Lab Sample ID: 280-41269-3**
Date Collected: 04/21/13 15:55 — **Matrix: Solid**
Date Received: 04/23/13 09:24 — **Percent Solids: 80.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1600	49	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Acenaphthylene	ND		1600	81	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Acetophenone	ND		1600	95	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Aniline	ND		1600	620	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Anthracene	ND		1600	81	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Aramite, Total	ND		1400	130	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Benzo[a]anthracene	ND		1600	95	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Benzo[a]pyrene	ND		1600	95	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Benzo[b]fluoranthene	ND		1600	120	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Benzo[g,h,i]perylene	ND		1600	76	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Benzo[k]fluoranthene	ND		1600	190	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Benzyl alcohol	ND		1600	48	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Bis(2-chloroethoxy)methane	ND		1600	110	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Bis(2-chloroethyl)ether	ND		1600	79	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Bis(2-ethylhexyl) phthalate	ND		1600	220	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Butyl benzyl phthalate	ND		1600	200	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Ethyl 4,4'-Dichlorobenzilate	ND		1600	270	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Chrysene	ND		1600	130	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Diallate	ND		880	110	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Dibenz(a,h)anthracene	ND		1600	91	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Dibenzofuran	ND		1600	95	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Diethyl phthalate	ND		3100	120	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Dimethoate	ND		3100	320	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Dimethyl phthalate	ND		1600	110	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Di-n-butyl phthalate	ND		1600	140	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Di-n-octyl phthalate	ND		1600	69	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Diphenylamine	ND		1600	210	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Disulfoton	ND		7600	280	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Ethyl methanesulfonate	ND		1600	260	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Ethyl Parathion	ND		7600	310	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Fluoranthene	ND		1600	170	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4

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

Client Sample ID: WFE12-01-51-20130421
Date Collected: 04/21/13 15:55
Date Received: 04/23/13 09:24

Lab Sample ID: 280-41269-3
Matrix: Solid
Percent Solids: 80.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		1600	86	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Hexachlorobenzene	ND		1600	140	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Hexachlorobutadiene	ND		1600	48	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Hexachlorocyclopentadiene	ND		7600	240	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Hexachloroethane	ND		1600	100	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Hexachloropropene	ND		16000	230	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Indeno[1,2,3-cd]pyrene	ND		1600	100	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Isodrin	ND		1600	390	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Isophorone	ND		1600	81	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Isosafrole	ND		550	200	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Methapyrilene	ND		7600	480	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Methyl methanesulfonate	ND		1600	310	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Methyl parathion	ND		7600	650	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Naphthalene	ND		1600	150	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Nitrobenzene	ND		1600	100	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
5-Nitro-o-toluidine	ND		3100	300	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
N-Nitrosodiethylamine	ND		1600	310	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
N-Nitrosodimethylamine	ND		1600	180	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
N-Nitrosodi-n-butylamine	ND		1600	460	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
N-Nitrosodi-n-propylamine	ND		1600	150	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
n-Nitrosodiphenylamine(as diphenylamine)	ND		1600	100	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
N-Nitrosomethylethylamine	ND		1600	280	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
N-Nitrosomorpholine	ND		1600	570	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
N-Nitrosopiperidine	ND		1600	340	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
N-Nitrosopyrrolidine	ND		1600	300	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Pentachlorobenzene	ND		1600	310	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Pentachloroethane	ND		7600	300	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Pentachloronitrobenzene	ND		7600	410	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Pentachlorophenol	ND		7600	1600	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Phenacetin	ND		3100	360	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Phenol	ND		1600	86	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Phenanthrene	ND		1600	81	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Phorate	ND		7600	280	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Pronamide	ND		1600	620	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Pyrene	ND		1600	58	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Pyridine	ND		3100	620	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Thionazin	ND		7600	340	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
1,2,4,5-Tetrachlorobenzene	ND		1600	230	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
1,2,4-Trichlorobenzene	ND		1600	130	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
1,2-Dichlorobenzene	ND		1600	100	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
1,3,5-Trinitrobenzene	ND		7600	1200	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
1,3-Dichlorobenzene	ND		1600	57	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
1,4-Dichlorobenzene	ND		1600	65	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
1-Naphthylamine	ND		3100	760	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
1,4-Naphthoquinone	ND		7600	290	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
1,3-Dinitrobenzene	ND		1600	340	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
2,3,4,6-Tetrachlorophenol	ND		7600	650	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
2,4,5-Trichlorophenol	ND		1600	48	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
2,4,6-Trichlorophenol	ND		1600	48	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4

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

Client Sample ID: WFE12-01-51-20130421
Date Collected: 04/21/13 15:55
Date Received: 04/23/13 09:24

Lab Sample ID: 280-41269-3
Matrix: Solid
Percent Solids: 80.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenol	ND		1600	48	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
2,4-Dimethylphenol	ND		1600	310	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
2,4-Dinitrophenol	ND		7600	1600	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
2,4-Dinitrotoluene	ND		1600	310	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
2,6-Dinitrotoluene	ND		1600	130	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
2-Acetylaminofluorene	ND		16000	860	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
2-Chloronaphthalene	ND		1600	48	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
2-Chlorophenol	ND		1600	100	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
2-Picoline	ND		3100	220	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
2-Toluidine	ND		3100	1200	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
3 & 4 Methylphenol	ND		1600	160	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
3,3'-Dichlorobenzidine	ND		3100	430	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
3,3'-Dimethylbenzidine	ND		3100	1900	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
3-Methylcholanthrene	ND		3100	320	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
3-Nitroaniline	ND		7600	350	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
4,6-Dinitro-2-methylphenol	ND		7600	1600	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
2-Methylphenol	ND		1600	62	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
2-Naphthylamine	ND		3100	950	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
2-Nitroaniline	ND		7600	240	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
2-Nitrophenol	ND		1600	48	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
4-Aminobiphenyl	ND		7600	760	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
4-Bromophenyl phenyl ether	ND		1600	91	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
4-Chloro-3-methylphenol	ND		1600	310	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
4-Chloroaniline	ND		1600	390	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
4-Chlorophenyl phenyl ether	ND		1600	100	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
4-Nitroaniline	ND		7600	350	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
4-Nitrophenol	ND		7600	460	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
4-Nitroquinoline-1-oxide	ND		16000	1500	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
2-Methylnaphthalene	ND		1600	91	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
7,12-Dimethylbenz(a)anthracene	ND		3100	200	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
2,6-Dichlorophenol	ND		1600	330	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4
Atrazine	ND		1600	180	ug/Kg	☼	04/23/13 19:35	04/25/13 16:26	4

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*4400*	*T J*	*ug/Kg*	☼	*3.03*		*04/23/13 19:35*	*04/25/13 16:26*	*4*
Unknown	*3900*	*T J*	*ug/Kg*	☼	*4.32*		*04/23/13 19:35*	*04/25/13 16:26*	*4*
1,4-Dichlorobenzene-d4	*2900*	*T J N*	*ug/Kg*	☼	*4.69*	*3855-82-1*	*04/23/13 19:35*	*04/25/13 16:26*	*4*
Unknown	*4900*	*T J*	*ug/Kg*	☼	*17.87*		*04/23/13 19:35*	*04/25/13 16:26*	*4*
Unknown	*6600*	*T J*	*ug/Kg*	☼	*19.01*		*04/23/13 19:35*	*04/25/13 16:26*	*4*
Unknown	*2100*	*T J*	*ug/Kg*	☼	*21.29*		*04/23/13 19:35*	*04/25/13 16:26*	*4*
2,2,6-Trimethyl-1-(2-methyl-cyclobut-2-e	*2500*	*T J N*	*ug/Kg*	☼	*22.05*	*1000188-72-8*	*04/23/13 19:35*	*04/25/13 16:26*	*4*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*76*	*D*	*53 - 120*	*04/23/13 19:35*	*04/25/13 16:26*	*4*
Phenol-d5	*81*	*D*	*52 - 120*	*04/23/13 19:35*	*04/25/13 16:26*	*4*
Nitrobenzene-d5	*73*	*D*	*50 - 120*	*04/23/13 19:35*	*04/25/13 16:26*	*4*
2-Fluorobiphenyl	*81*	*D*	*50 - 120*	*04/23/13 19:35*	*04/25/13 16:26*	*4*
2,4,6-Tribromophenol	*80*	*D*	*51 - 120*	*04/23/13 19:35*	*04/25/13 16:26*	*4*
Terphenyl-d14	*86*	*D*	*55 - 120*	*04/23/13 19:35*	*04/25/13 16:26*	*4*

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

Client Sample ID: WFE12-01-52-20130421
Date Collected: 04/21/13 16:00
Date Received: 04/23/13 09:24

Lab Sample ID: 280-41269-4
Matrix: Solid
Percent Solids: 80.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1500	47	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Acenaphthylene	ND		1500	78	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Acetophenone	ND		1500	92	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Aniline	ND		1500	600	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Anthracene	ND		1500	78	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Aramite, Total	ND		1400	120	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Benzo[a]anthracene	ND		1500	92	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Benzo[a]pyrene	ND		1500	92	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Benzo[b]fluoranthene	ND		1500	120	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Benzo[g,h,i]perylene	ND		1500	74	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Benzo[k]fluoranthene	ND		1500	180	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Benzyl alcohol	ND		1500	46	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Bis(2-chloroethoxy)methane	ND		1500	110	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Bis(2-chloroethyl)ether	ND		1500	76	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Bis(2-ethylhexyl) phthalate	ND		1500	210	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Butyl benzyl phthalate	ND		1500	200	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Ethyl 4,4'-Dichlorobenzilate	ND		1500	260	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Chrysene	ND		1500	120	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Diallate	ND		850	110	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Dibenz(a,h)anthracene	ND		1500	87	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Dibenzofuran	ND		1500	92	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Diethyl phthalate	ND		3000	120	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Dimethoate	ND		3000	310	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Dimethyl phthalate	ND		1500	110	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Di-n-butyl phthalate	ND		1500	130	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Di-n-octyl phthalate	ND		1500	66	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Diphenylamine	ND		1500	200	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Disulfoton	ND		7400	270	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Ethyl methanesulfonate	ND		1500	250	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Ethyl Parathion	ND		7400	300	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Fluoranthene	ND		1500	170	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Fluorene	ND		1500	83	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Hexachlorobenzene	ND		1500	130	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Hexachlorobutadiene	ND		1500	46	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Hexachlorocyclopentadiene	ND		7400	230	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Hexachloroethane	ND		1500	98	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Hexachloropropene	ND		15000	220	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Indeno[1,2,3-cd]pyrene	ND		1500	100	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Isodrin	ND		1500	370	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Isophorone	ND		1500	78	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Isosafrole	ND		530	190	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Methapyrilene	ND		7400	460	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Methyl methanesulfonate	ND		1500	300	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Methyl parathion	ND		7400	630	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Naphthalene	ND		1500	140	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Nitrobenzene	ND		1500	100	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
5-Nitro-o-toluidine	ND		3000	290	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
N-Nitrosodiethylamine	ND		1500	300	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
N-Nitrosodimethylamine	ND		1500	170	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4

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

Client Sample ID: WFE12-01-52-20130421
Date Collected: 04/21/13 16:00
Date Received: 04/23/13 09:24

Lab Sample ID: 280-41269-4
Matrix: Solid
Percent Solids: 80.8

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-butylamine	ND		1500	440	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
N-Nitrosodi-n-propylamine	ND		1500	140	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
n-Nitrosodiphenylamine(as diphenylamine)	ND		1500	97	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
N-Nitrosomethylethylamine	ND		1500	270	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
N-Nitrosomorpholine	ND		1500	550	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
N-Nitrosopiperidine	ND		1500	330	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
N-Nitrosopyrrolidine	ND		1500	290	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Pentachlorobenzene	ND		1500	300	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Pentachloroethane	ND		7400	290	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Pentachloronitrobenzene	ND		7400	400	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Pentachlorophenol	ND		7400	1500	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Phenacetin	ND		3000	340	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Phenol	ND		1500	83	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Phenanthrene	ND		1500	78	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Phorate	ND		7400	270	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Pronamide	ND		1500	600	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Pyrene	ND		1500	56	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Pyridine	ND		3000	600	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Thionazin	ND		7400	330	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
1,2,4,5-Tetrachlorobenzene	ND		1500	230	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
1,2,4-Trichlorobenzene	ND		1500	130	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
1,2-Dichlorobenzene	ND		1500	100	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
1,3,5-Trinitrobenzene	ND		7400	1100	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
1,3-Dichlorobenzene	ND		1500	55	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
1,4-Dichlorobenzene	ND		1500	63	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
1-Naphthylamine	ND		3000	740	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
1,4-Naphthoquinone	ND		7400	280	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
1,3-Dinitrobenzene	ND		1500	330	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
2,3,4,6-Tetrachlorophenol	ND		7400	630	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
2,4,5-Trichlorophenol	ND		1500	46	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
2,4,6-Trichlorophenol	ND		1500	46	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
2,4-Dichlorophenol	ND		1500	46	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
2,4-Dimethylphenol	ND		1500	300	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
2,4-Dinitrophenol	ND		7400	1500	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
2,4-Dinitrotoluene	ND		1500	300	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
2,6-Dinitrotoluene	ND		1500	130	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
2-Acetylaminofluorene	ND		15000	830	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
2-Chloronaphthalene	ND		1500	46	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
2-Chlorophenol	ND		1500	97	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
2-Picoline	ND		3000	220	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
2-Toluidine	ND		3000	1200	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
3 & 4 Methylphenol	ND		1500	150	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
3,3'-Dichlorobenzidine	ND		3000	410	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
3,3'-Dimethylbenzidine	ND		3000	1800	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
3-Methylcholanthrene	ND		3000	310	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
3-Nitroaniline	ND		7400	340	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
4,6-Dinitro-2-methylphenol	ND		7400	1500	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
2-Methylphenol	ND		1500	60	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
2-Naphthylamine	ND		3000	920	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4

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

Client Sample ID: WFE12-01-52-20130421 — **Lab Sample ID: 280-41269-4**
Date Collected: 04/21/13 16:00 — **Matrix: Solid**
Date Received: 04/23/13 09:24 — **Percent Solids: 80.8**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		7400	230	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
2-Nitrophenol	ND		1500	46	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
4-Aminobiphenyl	ND		7400	740	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
4-Bromophenyl phenyl ether	ND		1500	87	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
4-Chloro-3-methylphenol	ND		1500	300	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
4-Chloroaniline	ND		1500	380	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
4-Chlorophenyl phenyl ether	ND		1500	97	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
4-Nitroaniline	ND		7400	330	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
4-Nitrophenol	ND		7400	450	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
4-Nitroquinoline-1-oxide	ND		15000	1400	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
2-Methylnaphthalene	ND		1500	87	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
7,12-Dimethylbenz(a)anthracene	ND		3000	190	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
2,6-Dichlorophenol	ND		1500	320	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4
Atrazine	ND		1500	170	ug/Kg	☼	04/23/13 19:35	04/25/13 16:53	4

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*4000*	*T J*	*ug/Kg*	☼	*3.03*		*04/23/13 19:35*	*04/25/13 16:53*	*4*
Unknown	*3600*	*T J*	*ug/Kg*	☼	*4.32*		*04/23/13 19:35*	*04/25/13 16:53*	*4*
Benzene-1,2,3,4-d4-, 5,6-dichloro-	*2600*	*T J N*	*ug/Kg*	☼	*4.69*	*2199-69-1*	*04/23/13 19:35*	*04/25/13 16:53*	*4*
Unknown	*2500*	*T J*	*ug/Kg*	☼	*16.10*		*04/23/13 19:35*	*04/25/13 16:53*	*4*
9,19-Cyclolanost-25-en-3-ol, 24-methyl-,	*4000*	*T J N*	*ug/Kg*	☼	*17.88*	*511-61-5*	*04/23/13 19:35*	*04/25/13 16:53*	*4*
Tricosane	*2000*	*T J N*	*ug/Kg*	☼	*18.59*	*638-67-5*	*04/23/13 19:35*	*04/25/13 16:53*	*4*
Unknown	*5900*	*T J*	*ug/Kg*	☼	*19.01*		*04/23/13 19:35*	*04/25/13 16:53*	*4*
Unknown	*1800*	*T J*	*ug/Kg*	☼	*21.29*		*04/23/13 19:35*	*04/25/13 16:53*	*4*
Unknown	*2200*	*T J*	*ug/Kg*	☼	*22.05*		*04/23/13 19:35*	*04/25/13 16:53*	*4*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*75*	*D*	*53 - 120*	*04/23/13 19:35*	*04/25/13 16:53*	*4*
Phenol-d5	*77*	*D*	*52 - 120*	*04/23/13 19:35*	*04/25/13 16:53*	*4*
Nitrobenzene-d5	*72*	*D*	*50 - 120*	*04/23/13 19:35*	*04/25/13 16:53*	*4*
2-Fluorobiphenyl	*76*	*D*	*50 - 120*	*04/23/13 19:35*	*04/25/13 16:53*	*4*
2,4,6-Tribromophenol	*76*	*D*	*51 - 120*	*04/23/13 19:35*	*04/25/13 16:53*	*4*
Terphenyl-d14	*85*	*D*	*55 - 120*	*04/23/13 19:35*	*04/25/13 16:53*	*4*

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

Client Sample ID: WFE10-01-51-20130421 — **Lab Sample ID: 280-41269-1**
Date Collected: 04/21/13 15:15 — **Matrix: Solid**
Date Received: 04/23/13 09:24 — **Percent Solids: 76.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		86	20	ug/Kg	☼	04/23/13 10:42	04/23/13 15:22	1
Bolstar	ND		43	6.1	ug/Kg	☼	04/23/13 10:42	04/23/13 15:22	1
Chlorpyrifos	ND		43	8.9	ug/Kg	☼	04/23/13 10:42	04/23/13 15:22	1
Coumaphos	ND		430	29	ug/Kg	☼	04/23/13 10:42	04/23/13 15:22	1
Demeton, Total	ND		110	10	ug/Kg	☼	04/23/13 10:42	04/23/13 15:22	1
Diazinon	ND		43	7.4	ug/Kg	☼	04/23/13 10:42	04/23/13 15:22	1
Dichlorvos	ND		86	8.3	ug/Kg	☼	04/23/13 10:42	04/23/13 15:22	1
Dimethoate	ND		86	11	ug/Kg	☼	04/23/13 10:42	04/23/13 15:22	1

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

Client Sample ID: WFE10-01-51-20130421 — **Lab Sample ID: 280-41269-1**
Date Collected: 04/21/13 15:15 — **Matrix: Solid**
Date Received: 04/23/13 09:24 — **Percent Solids: 76.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Disulfoton	ND		86	21	ug/Kg	☼	04/23/13 10:42	04/23/13 15:22	1
EPN	ND		43	5.9	ug/Kg	☼	04/23/13 10:42	04/23/13 15:22	1
Fensulfothion	ND		430	16	ug/Kg	☼	04/23/13 10:42	04/23/13 15:22	1
Fenthion	ND		43	6.1	ug/Kg	☼	04/23/13 10:42	04/23/13 15:22	1
Malathion	ND		43	11	ug/Kg	☼	04/23/13 10:42	04/23/13 15:22	1
Merphos	ND		43	14	ug/Kg	☼	04/23/13 10:42	04/23/13 15:22	1
Methyl parathion	ND		22	7.0	ug/Kg	☼	04/23/13 10:42	04/23/13 15:22	1
Mevinphos	ND		86	6.0	ug/Kg	☼	04/23/13 10:42	04/23/13 15:22	1
Ethoprop	ND		22	5.5	ug/Kg	☼	04/23/13 10:42	04/23/13 15:22	1
Monochrotophos	ND		430	60	ug/Kg	☼	04/23/13 10:42	04/23/13 15:22	1
Naled	ND		430	29	ug/Kg	☼	04/23/13 10:42	04/23/13 15:22	1
Ethyl Parathion	ND		43	7.2	ug/Kg	☼	04/23/13 10:42	04/23/13 15:22	1
Phorate	ND		43	7.0	ug/Kg	☼	04/23/13 10:42	04/23/13 15:22	1
Ronnel	ND		43	5.5	ug/Kg	☼	04/23/13 10:42	04/23/13 15:22	1
Stirophos	ND		43	8.3	ug/Kg	☼	04/23/13 10:42	04/23/13 15:22	1
Sulfotepp	ND		22	11	ug/Kg	☼	04/23/13 10:42	04/23/13 15:22	1
Tokuthion	ND		43	7.0	ug/Kg	☼	04/23/13 10:42	04/23/13 15:22	1
Trichloronate	ND		430	9.9	ug/Kg	☼	04/23/13 10:42	04/23/13 15:22	1
Propiconazole	ND		43	11	ug/Kg	☼	04/23/13 10:42	04/23/13 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*76*		*35 - 134*	*04/23/13 10:42*	*04/23/13 15:22*	*1*

Client Sample ID: WFE11-01-51-20130421 — **Lab Sample ID: 280-41269-2**
Date Collected: 04/21/13 15:35 — **Matrix: Solid**
Date Received: 04/23/13 09:24 — **Percent Solids: 85.0**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		77	18	ug/Kg	☼	04/23/13 10:42	04/23/13 14:38	1
Bolstar	ND		39	5.5	ug/Kg	☼	04/23/13 10:42	04/23/13 14:38	1
Chlorpyrifos	ND		39	8.0	ug/Kg	☼	04/23/13 10:42	04/23/13 14:38	1
Coumaphos	ND		390	26	ug/Kg	☼	04/23/13 10:42	04/23/13 14:38	1
Demeton, Total	ND		97	9.0	ug/Kg	☼	04/23/13 10:42	04/23/13 14:38	1
Diazinon	ND		39	6.7	ug/Kg	☼	04/23/13 10:42	04/23/13 14:38	1
Dichlorvos	ND		77	7.5	ug/Kg	☼	04/23/13 10:42	04/23/13 14:38	1
Dimethoate	ND		77	10	ug/Kg	☼	04/23/13 10:42	04/23/13 14:38	1
Disulfoton	ND		77	19	ug/Kg	☼	04/23/13 10:42	04/23/13 14:38	1
EPN	ND		39	5.3	ug/Kg	☼	04/23/13 10:42	04/23/13 14:38	1
Fensulfothion	ND		390	14	ug/Kg	☼	04/23/13 10:42	04/23/13 14:38	1
Fenthion	ND		39	5.5	ug/Kg	☼	04/23/13 10:42	04/23/13 14:38	1
Malathion	ND		39	9.6	ug/Kg	☼	04/23/13 10:42	04/23/13 14:38	1
Merphos	ND		39	13	ug/Kg	☼	04/23/13 10:42	04/23/13 14:38	1
Methyl parathion	ND		20	6.3	ug/Kg	☼	04/23/13 10:42	04/23/13 14:38	1
Mevinphos	ND		77	5.4	ug/Kg	☼	04/23/13 10:42	04/23/13 14:38	1
Ethoprop	ND		20	4.9	ug/Kg	☼	04/23/13 10:42	04/23/13 14:38	1
Monochrotophos	ND		390	54	ug/Kg	☼	04/23/13 10:42	04/23/13 14:38	1
Naled	ND		390	26	ug/Kg	☼	04/23/13 10:42	04/23/13 14:38	1
Ethyl Parathion	ND		39	6.5	ug/Kg	☼	04/23/13 10:42	04/23/13 14:38	1
Phorate	ND		39	6.3	ug/Kg	☼	04/23/13 10:42	04/23/13 14:38	1
Ronnel	ND		39	4.9	ug/Kg	☼	04/23/13 10:42	04/23/13 14:38	1

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

Client Sample ID: WFE11-01-51-20130421 — **Lab Sample ID: 280-41269-2**
Date Collected: 04/21/13 15:35 — **Matrix: Solid**
Date Received: 04/23/13 09:24 — **Percent Solids: 85.0**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Stirophos	ND		39	7.5	ug/Kg	☼	04/23/13 10:42	04/23/13 14:38	1
Sulfotepp	ND		20	10	ug/Kg	☼	04/23/13 10:42	04/23/13 14:38	1
Tokuthion	ND		39	6.3	ug/Kg	☼	04/23/13 10:42	04/23/13 14:38	1
Trichloronate	ND		390	8.9	ug/Kg	☼	04/23/13 10:42	04/23/13 14:38	1
Propiconazole	ND		39	10	ug/Kg	☼	04/23/13 10:42	04/23/13 14:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*73*		*35 - 134*	*04/23/13 10:42*	*04/23/13 14:38*	*1*

Client Sample ID: WFE12-01-51-20130421 — **Lab Sample ID: 280-41269-3**
Date Collected: 04/21/13 15:55 — **Matrix: Solid**
Date Received: 04/23/13 09:24 — **Percent Solids: 80.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		82	19	ug/Kg	☼	04/23/13 10:42	04/23/13 14:53	1
Bolstar	ND		41	5.8	ug/Kg	☼	04/23/13 10:42	04/23/13 14:53	1
Chlorpyrifos	ND		41	8.4	ug/Kg	☼	04/23/13 10:42	04/23/13 14:53	1
Coumaphos	ND		410	27	ug/Kg	☼	04/23/13 10:42	04/23/13 14:53	1
Demeton, Total	ND		100	9.5	ug/Kg	☼	04/23/13 10:42	04/23/13 14:53	1
Diazinon	ND		41	7.0	ug/Kg	☼	04/23/13 10:42	04/23/13 14:53	1
Dichlorvos	ND		82	7.9	ug/Kg	☼	04/23/13 10:42	04/23/13 14:53	1
Dimethoate	ND		82	11	ug/Kg	☼	04/23/13 10:42	04/23/13 14:53	1
Disulfoton	ND		82	20	ug/Kg	☼	04/23/13 10:42	04/23/13 14:53	1
EPN	ND		41	5.6	ug/Kg	☼	04/23/13 10:42	04/23/13 14:53	1
Fensulfothion	ND		410	15	ug/Kg	☼	04/23/13 10:42	04/23/13 14:53	1
Fenthion	ND		41	5.8	ug/Kg	☼	04/23/13 10:42	04/23/13 14:53	1
Malathion	ND		41	10	ug/Kg	☼	04/23/13 10:42	04/23/13 14:53	1
Merphos	ND		41	14	ug/Kg	☼	04/23/13 10:42	04/23/13 14:53	1
Methyl parathion	ND		21	6.7	ug/Kg	☼	04/23/13 10:42	04/23/13 14:53	1
Mevinphos	ND		82	5.7	ug/Kg	☼	04/23/13 10:42	04/23/13 14:53	1
Ethoprop	ND		21	5.2	ug/Kg	☼	04/23/13 10:42	04/23/13 14:53	1
Monochrotophos	ND		410	57	ug/Kg	☼	04/23/13 10:42	04/23/13 14:53	1
Naled	ND		410	27	ug/Kg	☼	04/23/13 10:42	04/23/13 14:53	1
Ethyl Parathion	ND		41	6.8	ug/Kg	☼	04/23/13 10:42	04/23/13 14:53	1
Phorate	ND		41	6.7	ug/Kg	☼	04/23/13 10:42	04/23/13 14:53	1
Ronnel	ND		41	5.2	ug/Kg	☼	04/23/13 10:42	04/23/13 14:53	1
Stirophos	ND		41	7.9	ug/Kg	☼	04/23/13 10:42	04/23/13 14:53	1
Sulfotepp	ND		21	11	ug/Kg	☼	04/23/13 10:42	04/23/13 14:53	1
Tokuthion	ND		41	6.7	ug/Kg	☼	04/23/13 10:42	04/23/13 14:53	1
Trichloronate	ND		410	9.4	ug/Kg	☼	04/23/13 10:42	04/23/13 14:53	1
Propiconazole	ND		41	11	ug/Kg	☼	04/23/13 10:42	04/23/13 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*80*		*35 - 134*	*04/23/13 10:42*	*04/23/13 14:53*	*1*

Client Sample ID: WFE12-01-52-20130421 — **Lab Sample ID: 280-41269-4**
Date Collected: 04/21/13 16:00 — **Matrix: Solid**
Date Received: 04/23/13 09:24 — **Percent Solids: 80.8**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		82	19	ug/Kg	☼	04/23/13 10:42	04/23/13 15:07	1

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

Client Sample ID: WFE12-01-52-20130421 — **Lab Sample ID: 280-41269-4**
Date Collected: 04/21/13 16:00 — **Matrix: Solid**
Date Received: 04/23/13 09:24 — **Percent Solids: 80.8**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bolstar	ND		41	5.8	ug/Kg	☼	04/23/13 10:42	04/23/13 15:07	1
Chlorpyrifos	ND		41	8.4	ug/Kg	☼	04/23/13 10:42	04/23/13 15:07	1
Coumaphos	ND		410	27	ug/Kg	☼	04/23/13 10:42	04/23/13 15:07	1
Demeton, Total	ND		100	9.5	ug/Kg	☼	04/23/13 10:42	04/23/13 15:07	1
Diazinon	ND		41	7.0	ug/Kg	☼	04/23/13 10:42	04/23/13 15:07	1
Dichlorvos	ND		82	7.9	ug/Kg	☼	04/23/13 10:42	04/23/13 15:07	1
Dimethoate	ND		82	11	ug/Kg	☼	04/23/13 10:42	04/23/13 15:07	1
Disulfoton	ND		82	20	ug/Kg	☼	04/23/13 10:42	04/23/13 15:07	1
EPN	ND		41	5.6	ug/Kg	☼	04/23/13 10:42	04/23/13 15:07	1
Fensulfothion	ND		410	15	ug/Kg	☼	04/23/13 10:42	04/23/13 15:07	1
Fenthion	ND		41	5.8	ug/Kg	☼	04/23/13 10:42	04/23/13 15:07	1
Malathion	ND		41	10	ug/Kg	☼	04/23/13 10:42	04/23/13 15:07	1
Merphos	ND		41	14	ug/Kg	☼	04/23/13 10:42	04/23/13 15:07	1
Methyl parathion	ND		21	6.7	ug/Kg	☼	04/23/13 10:42	04/23/13 15:07	1
Mevinphos	ND		82	5.7	ug/Kg	☼	04/23/13 10:42	04/23/13 15:07	1
Ethoprop	ND		21	5.2	ug/Kg	☼	04/23/13 10:42	04/23/13 15:07	1
Monochrotophos	ND		410	57	ug/Kg	☼	04/23/13 10:42	04/23/13 15:07	1
Naled	ND		410	27	ug/Kg	☼	04/23/13 10:42	04/23/13 15:07	1
Ethyl Parathion	ND		41	6.8	ug/Kg	☼	04/23/13 10:42	04/23/13 15:07	1
Phorate	ND		41	6.7	ug/Kg	☼	04/23/13 10:42	04/23/13 15:07	1
Ronnel	ND		41	5.2	ug/Kg	☼	04/23/13 10:42	04/23/13 15:07	1
Stirophos	ND		41	7.9	ug/Kg	☼	04/23/13 10:42	04/23/13 15:07	1
Sulfotepp	ND		21	11	ug/Kg	☼	04/23/13 10:42	04/23/13 15:07	1
Tokuthion	ND		41	6.7	ug/Kg	☼	04/23/13 10:42	04/23/13 15:07	1
Trichloronate	ND		410	9.4	ug/Kg	☼	04/23/13 10:42	04/23/13 15:07	1
Propiconazole	ND		41	11	ug/Kg	☼	04/23/13 10:42	04/23/13 15:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*72*		*35 - 134*	*04/23/13 10:42*	*04/23/13 15:07*	*1*

Method: 8151A - Herbicides (GC)

Client Sample ID: WFE10-01-51-20130421 — **Lab Sample ID: 280-41269-1**
Date Collected: 04/21/13 15:15 — **Matrix: Solid**
Date Received: 04/23/13 09:24 — **Percent Solids: 76.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND	*	1000	180	ug/Kg	☼	04/23/13 20:30	04/25/13 10:24	10
2,4,5-T	ND	*	260	29	ug/Kg	☼	04/23/13 20:30	04/25/13 10:24	10
2,4-DB	ND		1000	96	ug/Kg	☼	04/23/13 20:30	04/25/13 10:24	10
Silvex (2,4,5-TP)	ND		260	18	ug/Kg	☼	04/23/13 20:30	04/25/13 10:24	10
Dalapon	ND		510	18	ug/Kg	☼	04/23/13 20:30	04/25/13 10:24	10
Dicamba	ND		510	18	ug/Kg	☼	04/23/13 20:30	04/25/13 10:24	10
Dichlorprop	ND		1000	41	ug/Kg	☼	04/23/13 20:30	04/25/13 10:24	10
MCPA	ND		100000	26000	ug/Kg	☼	04/23/13 20:30	04/25/13 10:24	10
Picloram	ND	*	130	18	ug/Kg	☼	04/23/13 20:30	04/25/13 10:24	10
MCPP	ND		100000	26000	ug/Kg	☼	04/23/13 20:30	04/25/13 10:24	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*-43*	*D X*	*31 - 105*	*04/23/13 20:30*	*04/25/13 10:24*	*10*

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

Client Sample ID: WFE10-01-51-20130421 — **Lab Sample ID: 280-41269-1**
Date Collected: 04/21/13 15:15 — **Matrix: Solid**
Date Received: 04/23/13 09:24 — **Percent Solids: 76.7**

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*76*	*D*	*31 - 105*	*04/23/13 20:30*	*04/25/13 10:24*	*10*

Client Sample ID: WFE11-01-51-20130421 — **Lab Sample ID: 280-41269-2**
Date Collected: 04/21/13 15:35 — **Matrix: Solid**
Date Received: 04/23/13 09:24 — **Percent Solids: 85.0**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND	*	930	160	ug/Kg	☼	04/23/13 20:30	04/25/13 10:47	10
2,4,5-T	ND	*	230	27	ug/Kg	☼	04/23/13 20:30	04/25/13 10:47	10
2,4-DB	ND		930	86	ug/Kg	☼	04/23/13 20:30	04/25/13 10:47	10
Silvex (2,4,5-TP)	ND		230	16	ug/Kg	☼	04/23/13 20:30	04/25/13 10:47	10
Dalapon	ND		460	16	ug/Kg	☼	04/23/13 20:30	04/25/13 10:47	10
Dicamba	ND		460	16	ug/Kg	☼	04/23/13 20:30	04/25/13 10:47	10
Dichlorprop	ND		930	37	ug/Kg	☼	04/23/13 20:30	04/25/13 10:47	10
MCPA	ND		93000	23000	ug/Kg	☼	04/23/13 20:30	04/25/13 10:47	10
Picloram	ND	*	120	16	ug/Kg	☼	04/23/13 20:30	04/25/13 10:47	10
MCPP	ND		93000	23000	ug/Kg	☼	04/23/13 20:30	04/25/13 10:47	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*125*	*D X*	*31 - 105*	*04/23/13 20:30*	*04/25/13 10:47*	*10*
2,4-Dichlorophenylacetic acid	*87*	*D*	*31 - 105*	*04/23/13 20:30*	*04/25/13 10:47*	*10*

Client Sample ID: WFE12-01-51-20130421 — **Lab Sample ID: 280-41269-3**
Date Collected: 04/21/13 15:55 — **Matrix: Solid**
Date Received: 04/23/13 09:24 — **Percent Solids: 80.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND	*	970	170	ug/Kg	☼	04/23/13 20:30	04/25/13 11:09	10
2,4,5-T	ND	*	240	28	ug/Kg	☼	04/23/13 20:30	04/25/13 11:09	10
2,4-DB	ND		970	90	ug/Kg	☼	04/23/13 20:30	04/25/13 11:09	10
Silvex (2,4,5-TP)	ND		240	17	ug/Kg	☼	04/23/13 20:30	04/25/13 11:09	10
Dalapon	ND		480	17	ug/Kg	☼	04/23/13 20:30	04/25/13 11:09	10
Dicamba	ND		480	17	ug/Kg	☼	04/23/13 20:30	04/25/13 11:09	10
Dichlorprop	ND		970	39	ug/Kg	☼	04/23/13 20:30	04/25/13 11:09	10
MCPA	ND		97000	24000	ug/Kg	☼	04/23/13 20:30	04/25/13 11:09	10
Picloram	ND	*	120	17	ug/Kg	☼	04/23/13 20:30	04/25/13 11:09	10
MCPP	ND		97000	24000	ug/Kg	☼	04/23/13 20:30	04/25/13 11:09	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*69*	*D*	*31 - 105*	*04/23/13 20:30*	*04/25/13 11:09*	*10*
2,4-Dichlorophenylacetic acid	*63*	*D*	*31 - 105*	*04/23/13 20:30*	*04/25/13 11:09*	*10*

Client Sample ID: WFE12-01-52-20130421 — **Lab Sample ID: 280-41269-4**
Date Collected: 04/21/13 16:00 — **Matrix: Solid**
Date Received: 04/23/13 09:24 — **Percent Solids: 80.8**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND	*	970	170	ug/Kg	☼	04/23/13 20:30	04/25/13 11:32	10
2,4,5-T	ND	*	240	28	ug/Kg	☼	04/23/13 20:30	04/25/13 11:32	10
2,4-DB	ND		970	90	ug/Kg	☼	04/23/13 20:30	04/25/13 11:32	10
Silvex (2,4,5-TP)	ND		240	17	ug/Kg	☼	04/23/13 20:30	04/25/13 11:32	10
Dalapon	ND		480	17	ug/Kg	☼	04/23/13 20:30	04/25/13 11:32	10
Dicamba	ND		480	17	ug/Kg	☼	04/23/13 20:30	04/25/13 11:32	10

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

Client Sample ID: WFE12-01-52-20130421 — **Lab Sample ID: 280-41269-4**
Date Collected: 04/21/13 16:00 — **Matrix: Solid**
Date Received: 04/23/13 09:24 — **Percent Solids: 80.8**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorprop	ND		970	39	ug/Kg	☼	04/23/13 20:30	04/25/13 11:32	10
MCPA	ND		97000	24000	ug/Kg	☼	04/23/13 20:30	04/25/13 11:32	10
Picloram	ND	*	120	17	ug/Kg	☼	04/23/13 20:30	04/25/13 11:32	10
MCPP	ND		97000	24000	ug/Kg	☼	04/23/13 20:30	04/25/13 11:32	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*79*	*D*	*31 - 105*	*04/23/13 20:30*	*04/25/13 11:32*	*10*
2,4-Dichlorophenylacetic acid	*72*	*D*	*31 - 105*	*04/23/13 20:30*	*04/25/13 11:32*	*10*

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

Client Sample ID: WFE10-01-51-20130421 — **Lab Sample ID: 280-41269-1**
Date Collected: 04/21/13 15:15 — **Matrix: Solid**
Date Received: 04/23/13 09:24 — **Percent Solids: 76.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Glyphosate	ND		18000	5900	ug/Kg	☼	04/25/13 07:00	04/25/13 13:01	1

Client Sample ID: WFE11-01-51-20130421 — **Lab Sample ID: 280-41269-2**
Date Collected: 04/21/13 15:35 — **Matrix: Solid**
Date Received: 04/23/13 09:24 — **Percent Solids: 85.0**

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 13:07	1

Client Sample ID: WFE12-01-51-20130421 — **Lab Sample ID: 280-41269-3**
Date Collected: 04/21/13 15:55 — **Matrix: Solid**
Date Received: 04/23/13 09:24 — **Percent Solids: 80.7**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Glyphosate	ND		17000	5500	ug/Kg	☼	04/25/13 07:00	04/25/13 13:12	1

Client Sample ID: WFE12-01-52-20130421 — **Lab Sample ID: 280-41269-4**
Date Collected: 04/21/13 16:00 — **Matrix: Solid**
Date Received: 04/23/13 09:24 — **Percent Solids: 80.8**

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 13:17	1

General Chemistry

Client Sample ID: WFE10-01-51-20130421 — **Lab Sample ID: 280-41269-1**
Date Collected: 04/21/13 15:15 — **Matrix: Solid**
Date Received: 04/23/13 09:24

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**23**		0.10	0.10	%			04/24/13 14:01	1

Client Sample ID: WFE11-01-51-20130421 — **Lab Sample ID: 280-41269-2**
Date Collected: 04/21/13 15:35 — **Matrix: Solid**
Date Received: 04/23/13 09:24

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**15**		0.10	0.10	%			04/24/13 14:01	1

General Chemistry

Client Sample ID: WFE12-01-51-20130421 — **Lab Sample ID: 280-41269-3**
Date Collected: 04/21/13 15:55 — **Matrix: Solid**
Date Received: 04/23/13 09:24

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	19		0.10	0.10	%			04/24/13 14:01	1

Client Sample ID: WFE12-01-52-20130421 — **Lab Sample ID: 280-41269-4**
Date Collected: 04/21/13 16:00 — **Matrix: Solid**
Date Received: 04/23/13 09:24

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	19		0.10	0.10	%			04/24/13 14:01	1

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

Lab Sample ID: MB 280-170969/1-A
Matrix: Solid
Analysis Batch: 171230

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 170969

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		320	9.9	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Acenaphthylene	ND		320	16	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Acetophenone	ND		320	19	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Aniline	ND		320	130	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Anthracene	ND		320	16	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Aramite, Total	ND		290	26	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Benzo[a]anthracene	ND		320	19	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Benzo[a]pyrene	ND		320	19	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Benzo[b]fluoranthene	ND		320	25	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Benzo[g,h,i]perylene	ND		320	15	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Benzo[k]fluoranthene	ND		320	38	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Benzyl alcohol	ND		320	9.6	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Bis(2-chloroethoxy)methane	ND		320	22	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Bis(2-chloroethyl)ether	ND		320	16	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Bis(2-ethylhexyl) phthalate	ND		320	44	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Butyl benzyl phthalate	ND		320	41	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Ethyl 4,4'-Dichlorobenzilate	ND		320	55	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Chrysene	ND		320	26	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Diallate	ND		180	23	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Dibenz(a,h)anthracene	ND		320	18	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Dibenzofuran	ND		320	19	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Diethyl phthalate	ND		630	25	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Dimethoate	ND		630	65	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Dimethyl phthalate	ND		320	22	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Di-n-butyl phthalate	ND		320	28	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Di-n-octyl phthalate	ND		320	14	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Diphenylamine	ND		320	42	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Disulfoton	ND		1500	57	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Ethyl methanesulfonate	ND		320	53	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Ethyl Parathion	ND		1500	63	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Fluoranthene	ND		320	35	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Fluorene	ND		320	17	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Hexachlorobenzene	ND		320	28	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Hexachlorobutadiene	ND		320	9.6	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Hexachlorocyclopentadiene	ND		1500	48	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Hexachloroethane	ND		320	20	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Hexachloropropene	ND		3200	46	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Indeno[1,2,3-cd]pyrene	ND		320	21	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Isodrin	ND		320	78	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Isophorone	ND		320	16	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Isosafrole	ND		110	40	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Methapyrilene	ND		1500	96	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Methyl methanesulfonate	ND		320	63	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Methyl parathion	ND		1500	130	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Naphthalene	ND		320	30	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Nitrobenzene	ND		320	21	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
5-Nitro-o-toluidine	ND		630	60	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
N-Nitrosodiethylamine	ND		320	63	ug/Kg		04/23/13 19:35	04/25/13 11:05	1

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

Lab Sample ID: MB 280-170969/1-A
Matrix: Solid
Analysis Batch: 171230

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 170969

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodimethylamine	ND		320	36	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
N-Nitrosodi-n-butylamine	ND		320	93	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
N-Nitrosodi-n-propylamine	ND		320	30	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
n-Nitrosodiphenylamine(as diphenylamine)	ND		320	20	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
N-Nitrosomethylethylamine	ND		320	57	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
N-Nitrosomorpholine	ND		320	120	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
N-Nitrosopiperidine	ND		320	69	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
N-Nitrosopyrrolidine	ND		320	62	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Pentachlorobenzene	ND		320	63	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Pentachloroethane	ND		1500	61	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Pentachloronitrobenzene	ND		1500	83	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Pentachlorophenol	ND		1500	320	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Phenacetin	ND		630	72	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Phenol	ND		320	17	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Phenanthrene	ND		320	16	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Phorate	ND		1500	57	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Pronamide	ND		320	130	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Pyrene	ND		320	12	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Pyridine	ND		630	130	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Thionazin	ND		1500	69	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
1,2,4,5-Tetrachlorobenzene	ND		320	47	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
1,2,4-Trichlorobenzene	ND		320	27	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
1,2-Dichlorobenzene	ND		320	21	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
1,3,5-Trinitrobenzene	ND		1500	240	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
1,3-Dichlorobenzene	ND		320	12	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
1,4-Dichlorobenzene	ND		320	13	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
1-Naphthylamine	ND		630	150	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
1,4-Naphthoquinone	ND		1500	59	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
1,3-Dinitrobenzene	ND		320	68	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
2,3,4,6-Tetrachlorophenol	ND		1500	130	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
2,4,5-Trichlorophenol	ND		320	9.6	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
2,4,6-Trichlorophenol	ND		320	9.6	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
2,4-Dichlorophenol	ND		320	9.6	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
2,4-Dimethylphenol	ND		320	63	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
2,4-Dinitrophenol	ND		1500	320	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
2,4-Dinitrotoluene	ND		320	63	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
2,6-Dinitrotoluene	ND		320	27	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
2-Acetylaminofluorene	ND		3200	170	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
2-Chloronaphthalene	ND		320	9.6	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
2-Chlorophenol	ND		320	20	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
2-Picoline	ND		630	45	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
2-Toluidine	ND		630	250	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
3 & 4 Methylphenol	ND		320	32	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
3,3'-Dichlorobenzidine	ND		630	87	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
3,3'-Dimethylbenzidine	ND		630	380	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
3-Methylcholanthrene	ND		630	64	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
3-Nitroaniline	ND		1500	70	ug/Kg		04/23/13 19:35	04/25/13 11:05	1

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

Lab Sample ID: MB 280-170969/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 171230 — **Prep Batch: 170969**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	ND		1500	320	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
2-Methylphenol	ND		320	13	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
2-Naphthylamine	ND		630	190	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
2-Nitroaniline	ND		1500	48	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
2-Nitrophenol	ND		320	9.6	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
4-Aminobiphenyl	ND		1500	150	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
4-Bromophenyl phenyl ether	ND		320	18	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
4-Chloro-3-methylphenol	ND		320	63	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
4-Chloroaniline	ND		320	79	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
4-Chlorophenyl phenyl ether	ND		320	20	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
4-Nitroaniline	ND		1500	70	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
4-Nitrophenol	ND		1500	93	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
4-Nitroquinoline-1-oxide	ND		3200	300	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
2-Methylnaphthalene	ND		320	18	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
7,12-Dimethylbenz(a)anthracene	ND		630	40	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
2,6-Dichlorophenol	ND		320	66	ug/Kg		04/23/13 19:35	04/25/13 11:05	1
Atrazine	ND		320	36	ug/Kg		04/23/13 19:35	04/25/13 11:05	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*3710*	*T J*	*ug/Kg*		*3.03*		*04/23/13 19:35*	*04/25/13 11:05*	*1*
2-Pentanone, 4-methoxy-4-methyl-	*131*	*T J N*	*ug/Kg*		*3.63*	*107-70-0*	*04/23/13 19:35*	*04/25/13 11:05*	*1*
Unknown	*3240*	*T J*	*ug/Kg*		*4.33*		*04/23/13 19:35*	*04/25/13 11:05*	*1*
Benzene-1,2,3,4-d4-, 5,6-dichloro-	*2560*	*T J N*	*ug/Kg*		*4.69*	*2199-69-1*	*04/23/13 19:35*	*04/25/13 11:05*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*84*		*53 - 120*	*04/23/13 19:35*	*04/25/13 11:05*	*1*
Phenol-d5	*82*		*52 - 120*	*04/23/13 19:35*	*04/25/13 11:05*	*1*
Nitrobenzene-d5	*83*		*50 - 120*	*04/23/13 19:35*	*04/25/13 11:05*	*1*
2-Fluorobiphenyl	*80*		*50 - 120*	*04/23/13 19:35*	*04/25/13 11:05*	*1*
2,4,6-Tribromophenol	*76*		*51 - 120*	*04/23/13 19:35*	*04/25/13 11:05*	*1*
Terphenyl-d14	*97*		*55 - 120*	*04/23/13 19:35*	*04/25/13 11:05*	*1*

Lab Sample ID: LCS 280-170969/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 171230 — **Prep Batch: 170969**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	2480	2090		ug/Kg		84	60 - 120
Acenaphthylene	2480	2190		ug/Kg		88	64 - 120
Aniline	2480	950		ug/Kg		38	10 - 120
Anthracene	2480	2260		ug/Kg		91	63 - 120
Benzo[a]anthracene	2480	2300		ug/Kg		92	65 - 120
Benzo[a]pyrene	2480	2150		ug/Kg		87	59 - 120
Benzo[b]fluoranthene	2480	2240		ug/Kg		90	47 - 129
Benzo[g,h,i]perylene	2480	2190		ug/Kg		88	55 - 126
Benzo[k]fluoranthene	2480	2300		ug/Kg		93	48 - 130
Benzyl alcohol	2480	2100		ug/Kg		84	51 - 120

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

Lab Sample ID: LCS 280-170969/2-A
Matrix: Solid
Analysis Batch: 171230

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 170969

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-chloroethoxy)methane	2480	2030		ug/Kg		82	56 - 120
Bis(2-chloroethyl)ether	2480	1970		ug/Kg		79	51 - 120
Bis(2-ethylhexyl) phthalate	2480	2540		ug/Kg		102	65 - 120
Butyl benzyl phthalate	2480	2500		ug/Kg		100	65 - 120
Chrysene	2480	2250		ug/Kg		90	64 - 120
Dibenz(a,h)anthracene	2480	1770		ug/Kg		71	50 - 133
Diethyl phthalate	2480	2360		ug/Kg		95	66 - 120
Dimethyl phthalate	2480	2290		ug/Kg		92	65 - 120
Di-n-butyl phthalate	2480	2430		ug/Kg		98	67 - 120
Di-n-octyl phthalate	2480	2360		ug/Kg		95	66 - 120
Fluoranthene	2480	2300		ug/Kg		92	66 - 120
Fluorene	2480	2190		ug/Kg		88	64 - 120
Hexachlorobenzene	2480	2210		ug/Kg		89	62 - 120
Hexachlorobutadiene	2480	1910		ug/Kg		77	53 - 120
Hexachlorocyclopentadiene	2480	2160		ug/Kg		87	47 - 120
Hexachloroethane	2480	1990		ug/Kg		80	51 - 120
Indeno[1,2,3-cd]pyrene	2480	2210		ug/Kg		89	63 - 120
Isophorone	2480	2060		ug/Kg		83	56 - 120
Naphthalene	2480	1980		ug/Kg		80	57 - 120
Nitrobenzene	2480	2020		ug/Kg		81	54 - 120
N-Nitrosodimethylamine	2480	1920		ug/Kg		77	48 - 120
N-Nitrosodi-n-propylamine	2480	2120		ug/Kg		85	51 - 120
n-Nitrosodiphenylamine(as diphenylamine)	2120	1970		ug/Kg		93	61 - 120
Pentachlorophenol	2480	2020		ug/Kg		81	56 - 120
Phenol	2480	2070		ug/Kg		83	56 - 120
Phenanthrene	2480	2270		ug/Kg		91	64 - 120
Pyrene	2480	2350		ug/Kg		95	64 - 120
Pyridine	2480	1240		ug/Kg		50	26 - 120
1,2,4-Trichlorobenzene	2480	1950		ug/Kg		78	52 - 120
1,2-Dichlorobenzene	2480	1940		ug/Kg		78	53 - 120
1,3-Dichlorobenzene	2480	1910		ug/Kg		77	52 - 120
1,4-Dichlorobenzene	2480	1940		ug/Kg		78	52 - 120
2,4,5-Trichlorophenol	2480	2410		ug/Kg		97	64 - 120
2,4,6-Trichlorophenol	2480	2320		ug/Kg		93	61 - 120
2,4-Dichlorophenol	2480	2100		ug/Kg		85	60 - 120
2,4-Dimethylphenol	2480	1970		ug/Kg		79	54 - 120
2,4-Dinitrophenol	2480	2040		ug/Kg		82	46 - 120
2,4-Dinitrotoluene	2480	2430		ug/Kg		98	68 - 120
2,6-Dinitrotoluene	2480	2370		ug/Kg		95	64 - 120
2-Chloronaphthalene	2480	2100		ug/Kg		85	59 - 120
2-Chlorophenol	2480	2050		ug/Kg		82	57 - 120
3 & 4 Methylphenol	4970	4240		ug/Kg		85	53 - 120
3,3'-Dichlorobenzidine	2480	1130		ug/Kg		46	30 - 120
3-Nitroaniline	2480	1840		ug/Kg		74	47 - 120
4,6-Dinitro-2-methylphenol	2480	2150		ug/Kg		86	57 - 120
2-Methylphenol	2480	2050		ug/Kg		82	56 - 120
2-Nitroaniline	2480	2330		ug/Kg		94	63 - 120

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

Lab Sample ID: LCS 280-170969/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 171230 — **Prep Batch: 170969**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Nitrophenol	2480	2150		ug/Kg		87	56 - 120
4-Bromophenyl phenyl ether	2480	2340		ug/Kg		94	64 - 120
4-Chloro-3-methylphenol	2480	2220		ug/Kg		89	63 - 120
4-Chloroaniline	2480	1300		ug/Kg		52	28 - 120
4-Chlorophenyl phenyl ether	2480	2270		ug/Kg		91	64 - 120
4-Nitroaniline	2480	2310		ug/Kg		93	64 - 120
4-Nitrophenol	2480	2480		ug/Kg		100	63 - 121
2-Methylnaphthalene	2480	1940		ug/Kg		78	57 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorophenol	*83*		*53 - 120*
Phenol-d5	*84*		*52 - 120*
Nitrobenzene-d5	*83*		*50 - 120*
2-Fluorobiphenyl	*85*		*50 - 120*
2,4,6-Tribromophenol	*95*		*51 - 120*
Terphenyl-d14	*99*		*55 - 120*

Lab Sample ID: LCSD 280-170969/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 171230 — **Prep Batch: 170969**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	2630	2170		ug/Kg		83	60 - 120	4	30
Acenaphthylene	2630	2290		ug/Kg		87	64 - 120	4	30
Aniline	2630	823		ug/Kg		31	10 - 120	14	30
Anthracene	2630	2350		ug/Kg		89	63 - 120	4	30
Benzo[a]anthracene	2630	2370		ug/Kg		90	65 - 120	3	30
Benzo[a]pyrene	2630	2250		ug/Kg		86	59 - 120	5	30
Benzo[b]fluoranthene	2630	2330		ug/Kg		89	47 - 129	4	44
Benzo[g,h,i]perylene	2630	2270		ug/Kg		86	55 - 126	4	31
Benzo[k]fluoranthene	2630	2480		ug/Kg		94	48 - 130	8	30
Benzyl alcohol	2630	2120		ug/Kg		81	51 - 120	1	30
Bis(2-chloroethoxy)methane	2630	2110		ug/Kg		80	56 - 120	4	30
Bis(2-chloroethyl)ether	2630	2000		ug/Kg		76	51 - 120	1	30
Bis(2-ethylhexyl) phthalate	2630	2600		ug/Kg		99	65 - 120	2	30
Butyl benzyl phthalate	2630	2570		ug/Kg		98	65 - 120	3	30
Chrysene	2630	2290		ug/Kg		87	64 - 120	2	35
Dibenz(a,h)anthracene	2630	1770		ug/Kg		67	50 - 133	0	30
Diethyl phthalate	2630	2470		ug/Kg		94	66 - 120	4	30
Dimethyl phthalate	2630	2400		ug/Kg		91	65 - 120	5	30
Di-n-butyl phthalate	2630	2520		ug/Kg		96	67 - 120	4	30
Di-n-octyl phthalate	2630	2430		ug/Kg		92	66 - 120	3	30
Fluoranthene	2630	2430		ug/Kg		92	66 - 120	6	30
Fluorene	2630	2320		ug/Kg		88	64 - 120	6	30
Hexachlorobenzene	2630	2300		ug/Kg		87	62 - 120	4	30
Hexachlorobutadiene	2630	2010		ug/Kg		76	53 - 120	5	30
Hexachlorocyclopentadiene	2630	2310		ug/Kg		88	47 - 120	7	30
Hexachloroethane	2630	2020		ug/Kg		77	51 - 120	1	30

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

Lab Sample ID: LCSD 280-170969/3-A
Matrix: Solid
Analysis Batch: 171230

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 170969

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Indeno[1,2,3-cd]pyrene	2630	2240		ug/Kg		85	63 - 120	1	30
Isophorone	2630	2120		ug/Kg		81	56 - 120	3	30
Naphthalene	2630	2050		ug/Kg		78	57 - 120	4	30
Nitrobenzene	2630	2120		ug/Kg		81	54 - 120	5	30
N-Nitrosodimethylamine	2630	1940		ug/Kg		74	48 - 120	1	30
N-Nitrosodi-n-propylamine	2630	2150		ug/Kg		82	51 - 120	1	30
n-Nitrosodiphenylamine(as diphenylamine)	2250	2040		ug/Kg		91	61 - 120	4	36
Pentachlorophenol	2630	2130		ug/Kg		81	56 - 120	5	30
Phenol	2630	2130		ug/Kg		81	56 - 120	3	30
Phenanthrene	2630	2400		ug/Kg		91	64 - 120	6	30
Pyrene	2630	2430		ug/Kg		92	64 - 120	3	38
Pyridine	2630	1270		ug/Kg		48	26 - 120	3	30
1,2,4-Trichlorobenzene	2630	2040		ug/Kg		77	52 - 120	4	30
1,2-Dichlorobenzene	2630	2000		ug/Kg		76	53 - 120	3	30
1,3-Dichlorobenzene	2630	1950		ug/Kg		74	52 - 120	2	32
1,4-Dichlorobenzene	2630	2030		ug/Kg		77	52 - 120	4	30
2,4,5-Trichlorophenol	2630	2600		ug/Kg		99	64 - 120	8	30
2,4,6-Trichlorophenol	2630	2470		ug/Kg		94	61 - 120	6	30
2,4-Dichlorophenol	2630	2220		ug/Kg		84	60 - 120	5	30
2,4-Dimethylphenol	2630	2080		ug/Kg		79	54 - 120	5	30
2,4-Dinitrophenol	2630	2200		ug/Kg		83	46 - 120	7	34
2,4-Dinitrotoluene	2630	2560		ug/Kg		97	68 - 120	5	30
2,6-Dinitrotoluene	2630	2470		ug/Kg		94	64 - 120	4	30
2-Chloronaphthalene	2630	2240		ug/Kg		85	59 - 120	6	30
2-Chlorophenol	2630	2090		ug/Kg		80	57 - 120	2	30
3 & 4 Methylphenol	5260	4390		ug/Kg		83	53 - 120	3	30
3,3'-Dichlorobenzidine	2630	1100		ug/Kg		42	30 - 120	3	30
3-Nitroaniline	2630	1890		ug/Kg		72	47 - 120	2	30
4,6-Dinitro-2-methylphenol	2630	2200		ug/Kg		84	57 - 120	3	30
2-Methylphenol	2630	2110		ug/Kg		80	56 - 120	3	30
2-Nitroaniline	2630	2530		ug/Kg		96	63 - 120	8	30
2-Nitrophenol	2630	2300		ug/Kg		87	56 - 120	7	30
4-Bromophenyl phenyl ether	2630	2410		ug/Kg		92	64 - 120	3	30
4-Chloro-3-methylphenol	2630	2350		ug/Kg		89	63 - 120	6	30
4-Chloroaniline	2630	1220		ug/Kg		46	28 - 120	6	30
4-Chlorophenyl phenyl ether	2630	2410		ug/Kg		91	64 - 120	6	30
4-Nitroaniline	2630	2340		ug/Kg		89	64 - 120	1	30
4-Nitrophenol	2630	2610		ug/Kg		99	63 - 121	5	30
2-Methylnaphthalene	2630	2020		ug/Kg		77	57 - 120	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorophenol	*79*		*53 - 120*
Phenol-d5	*80*		*52 - 120*
Nitrobenzene-d5	*81*		*50 - 120*
2-Fluorobiphenyl	*84*		*50 - 120*
2,4,6-Tribromophenol	*95*		*51 - 120*
Terphenyl-d14	*96*		*55 - 120*

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

Lab Sample ID: MB 640-101223/1-A
Matrix: Solid
Analysis Batch: 101247

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 101223

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		66	15	ug/Kg		04/23/13 10:42	04/23/13 14:24	1
Bolstar	ND		33	4.7	ug/Kg		04/23/13 10:42	04/23/13 14:24	1
Chlorpyrifos	ND		33	6.8	ug/Kg		04/23/13 10:42	04/23/13 14:24	1
Coumaphos	ND		330	22	ug/Kg		04/23/13 10:42	04/23/13 14:24	1
Demeton, Total	ND		83	7.7	ug/Kg		04/23/13 10:42	04/23/13 14:24	1
Diazinon	ND		33	5.7	ug/Kg		04/23/13 10:42	04/23/13 14:24	1
Dichlorvos	ND		66	6.4	ug/Kg		04/23/13 10:42	04/23/13 14:24	1
Dimethoate	ND		66	8.8	ug/Kg		04/23/13 10:42	04/23/13 14:24	1
Disulfoton	ND		66	16	ug/Kg		04/23/13 10:42	04/23/13 14:24	1
EPN	ND		33	4.5	ug/Kg		04/23/13 10:42	04/23/13 14:24	1
Fensulfothion	ND		330	12	ug/Kg		04/23/13 10:42	04/23/13 14:24	1
Fenthion	ND		33	4.7	ug/Kg		04/23/13 10:42	04/23/13 14:24	1
Malathion	ND		33	8.2	ug/Kg		04/23/13 10:42	04/23/13 14:24	1
Merphos	ND		33	11	ug/Kg		04/23/13 10:42	04/23/13 14:24	1
Methyl parathion	ND		17	5.4	ug/Kg		04/23/13 10:42	04/23/13 14:24	1
Mevinphos	ND		66	4.6	ug/Kg		04/23/13 10:42	04/23/13 14:24	1
Ethoprop	ND		17	4.2	ug/Kg		04/23/13 10:42	04/23/13 14:24	1
Monochrotophos	ND		330	46	ug/Kg		04/23/13 10:42	04/23/13 14:24	1
Naled	ND		330	22	ug/Kg		04/23/13 10:42	04/23/13 14:24	1
Ethyl Parathion	ND		33	5.5	ug/Kg		04/23/13 10:42	04/23/13 14:24	1
Phorate	ND		33	5.4	ug/Kg		04/23/13 10:42	04/23/13 14:24	1
Ronnel	ND		33	4.2	ug/Kg		04/23/13 10:42	04/23/13 14:24	1
Stirophos	ND		33	6.4	ug/Kg		04/23/13 10:42	04/23/13 14:24	1
Sulfotepp	ND		17	8.6	ug/Kg		04/23/13 10:42	04/23/13 14:24	1
Tokuthion	ND		33	5.4	ug/Kg		04/23/13 10:42	04/23/13 14:24	1
Trichloronate	ND		330	7.6	ug/Kg		04/23/13 10:42	04/23/13 14:24	1
Propiconazole	ND		33	8.7	ug/Kg		04/23/13 10:42	04/23/13 14:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Triphenylphosphate	*97*		*35 - 134*	*04/23/13 10:42*	*04/23/13 14:24*	*1*

Lab Sample ID: LCS 640-101223/2-A
Matrix: Solid
Analysis Batch: 101247

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 101223

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diazinon	166	102		ug/Kg		61	36 - 113
Methyl parathion	166	122		ug/Kg		73	44 - 126
Ethyl Parathion	166	142		ug/Kg		85	53 - 126
Ronnel	166	103		ug/Kg		62	36 - 134

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Triphenylphosphate	*92*		*35 - 134*

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

Lab Sample ID: LCSD 640-101223/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 101247 — **Prep Batch: 101223**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diazinon			167	115		ug/Kg		69	36 - 113	12	38
Methyl parathion			167	129		ug/Kg		78	44 - 126	6	30
Ethyl Parathion			167	148		ug/Kg		89	53 - 126	4	30
Ronnel			167	112		ug/Kg		67	36 - 134	9	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Triphenylphosphate	*95*		*35 - 134*

Lab Sample ID: 280-41269-1 MS — **Client Sample ID: WFE10-01-51-20130421**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 101247 — **Prep Batch: 101223**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diazinon	ND		217	155		ug/Kg	☼	72	18 - 121		
Methyl parathion	ND		217	157		ug/Kg	☼	73	32 - 119		
Ethyl Parathion	ND		217	208		ug/Kg	☼	96	42 - 124		
Ronnel	ND		217	154		ug/Kg	☼	71	18 - 128		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Triphenylphosphate	*66*		*35 - 134*

Lab Sample ID: 280-41269-1 MSD — **Client Sample ID: WFE10-01-51-20130421**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 101247 — **Prep Batch: 101223**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diazinon	ND		217	135		ug/Kg	☼	62	18 - 121	14	60
Methyl parathion	ND		217	152		ug/Kg	☼	70	32 - 119	4	42
Ethyl Parathion	ND		217	203		ug/Kg	☼	93	42 - 124	2	40
Ronnel	ND		217	147		ug/Kg	☼	68	18 - 128	5	57

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Triphenylphosphate	*66*		*35 - 134*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 280-170964/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 171204 — **Prep Batch: 170964**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		79	14	ug/Kg		04/23/13 20:30	04/25/13 09:16	1
2,4,5-T	ND		20	2.3	ug/Kg		04/23/13 20:30	04/25/13 09:16	1
2,4-DB	ND		79	7.4	ug/Kg		04/23/13 20:30	04/25/13 09:16	1
Silvex (2,4,5-TP)	ND		20	1.4	ug/Kg		04/23/13 20:30	04/25/13 09:16	1
Dalapon	ND		40	1.4	ug/Kg		04/23/13 20:30	04/25/13 09:16	1

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

Lab Sample ID: MB 280-170964/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 171204 — **Prep Batch: 170964**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dicamba	ND		40	1.4	ug/Kg		04/23/13 20:30	04/25/13 09:16	1
Dichlorprop	ND		79	3.2	ug/Kg		04/23/13 20:30	04/25/13 09:16	1
MCPA	ND		7900	2000	ug/Kg		04/23/13 20:30	04/25/13 09:16	1
Picloram	ND		9.9	1.4	ug/Kg		04/23/13 20:30	04/25/13 09:16	1
MCPP	ND		7900	2000	ug/Kg		04/23/13 20:30	04/25/13 09:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*80*		*31 - 105*	*04/23/13 20:30*	*04/25/13 09:16*	*1*
2,4-Dichlorophenylacetic acid	*83*		*31 - 105*	*04/23/13 20:30*	*04/25/13 09:16*	*1*

Lab Sample ID: LCS 280-170964/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 171204 — **Prep Batch: 170964**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-D	90.6	94.0		ug/Kg		104	32 - 115
2,4,5-T	91.4	85.1		ug/Kg		93	24 - 115
2,4-DB	90.8	61.4	J	ug/Kg		68	37 - 119
Silvex (2,4,5-TP)	90.5	89.8		ug/Kg		99	53 - 134
Dalapon	91.5	67.8		ug/Kg		74	11 - 115
Dicamba	89.5	81.7		ug/Kg		91	11 - 115
Dichlorprop	89.5	83.2		ug/Kg		93	35 - 115
MCPA	9180	8610		ug/Kg		94	37 - 115
Picloram	88.4	78.2		ug/Kg		88	10 - 100
MCPP	9220	9190		ug/Kg		100	48 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*88*		*31 - 105*
2,4-Dichlorophenylacetic acid	*93*		*31 - 105*

Lab Sample ID: LCSD 280-170964/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 171204 — **Prep Batch: 170964**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4-D	89.5	109	*	ug/Kg		121	32 - 115	14	40
2,4,5-T	90.3	111	*	ug/Kg		123	24 - 115	26	40
2,4-DB	89.7	78.0		ug/Kg		87	37 - 119	24	50
Silvex (2,4,5-TP)	89.4	109		ug/Kg		122	53 - 134	19	40
Dalapon	90.4	83.2		ug/Kg		92	11 - 115	20	50
Dicamba	88.4	98.6		ug/Kg		112	11 - 115	19	50
Dichlorprop	88.5	101		ug/Kg		114	35 - 115	19	50
MCPA	9070	10000		ug/Kg		111	37 - 115	15	50
Picloram	87.4	95.0	*	ug/Kg		109	10 - 100	19	50
MCPP	9120	11200		ug/Kg		123	48 - 132	20	50

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

Lab Sample ID: LCSD 280-170964/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 171204 — **Prep Batch: 170964**

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*111*	*X*	*31 - 105*
2,4-Dichlorophenylacetic acid	*114*	*X*	*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		

QC Association Summary

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

TestAmerica Job ID: 280-41269-1

GC/MS Semi VOA

Prep Batch: 170969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-41269-1	WFE10-01-51-20130421	Total/NA	Solid	3550C	
280-41269-2	WFE11-01-51-20130421	Total/NA	Solid	3550C	
280-41269-3	WFE12-01-51-20130421	Total/NA	Solid	3550C	
280-41269-4	WFE12-01-52-20130421	Total/NA	Solid	3550C	
LCS 280-170969/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 280-170969/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
MB 280-170969/1-A	Method Blank	Total/NA	Solid	3550C	

Analysis Batch: 171230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-41269-1	WFE10-01-51-20130421	Total/NA	Solid	8270C	170969
280-41269-2	WFE11-01-51-20130421	Total/NA	Solid	8270C	170969
280-41269-3	WFE12-01-51-20130421	Total/NA	Solid	8270C	170969
280-41269-4	WFE12-01-52-20130421	Total/NA	Solid	8270C	170969
LCS 280-170969/2-A	Lab Control Sample	Total/NA	Solid	8270C	170969
LCSD 280-170969/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C	170969
MB 280-170969/1-A	Method Blank	Total/NA	Solid	8270C	170969

GC Semi VOA

Prep Batch: 101223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-41269-1	WFE10-01-51-20130421	Total/NA	Solid	3550C	
280-41269-1 MS	WFE10-01-51-20130421	Total/NA	Solid	3550C	
280-41269-1 MSD	WFE10-01-51-20130421	Total/NA	Solid	3550C	
280-41269-2	WFE11-01-51-20130421	Total/NA	Solid	3550C	
280-41269-3	WFE12-01-51-20130421	Total/NA	Solid	3550C	
280-41269-4	WFE12-01-52-20130421	Total/NA	Solid	3550C	
LCS 640-101223/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 640-101223/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
MB 640-101223/1-A	Method Blank	Total/NA	Solid	3550C	

Analysis Batch: 101247

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-41269-1	WFE10-01-51-20130421	Total/NA	Solid	8141B	101223
280-41269-1 MS	WFE10-01-51-20130421	Total/NA	Solid	8141B	101223
280-41269-1 MSD	WFE10-01-51-20130421	Total/NA	Solid	8141B	101223
280-41269-2	WFE11-01-51-20130421	Total/NA	Solid	8141B	101223
280-41269-3	WFE12-01-51-20130421	Total/NA	Solid	8141B	101223
280-41269-4	WFE12-01-52-20130421	Total/NA	Solid	8141B	101223
LCS 640-101223/2-A	Lab Control Sample	Total/NA	Solid	8141B	101223
LCSD 640-101223/3-A	Lab Control Sample Dup	Total/NA	Solid	8141B	101223
MB 640-101223/1-A	Method Blank	Total/NA	Solid	8141B	101223

Prep Batch: 170964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-41269-1	WFE10-01-51-20130421	Total/NA	Solid	8151A	
280-41269-2	WFE11-01-51-20130421	Total/NA	Solid	8151A	
280-41269-3	WFE12-01-51-20130421	Total/NA	Solid	8151A	
280-41269-4	WFE12-01-52-20130421	Total/NA	Solid	8151A	

GC Semi VOA (Continued)

Prep Batch: 170964 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 280-170964/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 280-170964/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	
MB 280-170964/1-A	Method Blank	Total/NA	Solid	8151A	

Analysis Batch: 171204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-41269-1	WFE10-01-51-20130421	Total/NA	Solid	8151A	170964
280-41269-2	WFE11-01-51-20130421	Total/NA	Solid	8151A	170964
280-41269-3	WFE12-01-51-20130421	Total/NA	Solid	8151A	170964
280-41269-4	WFE12-01-52-20130421	Total/NA	Solid	8151A	170964
LCS 280-170964/2-A	Lab Control Sample	Total/NA	Solid	8151A	170964
LCSD 280-170964/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	170964
MB 280-170964/1-A	Method Blank	Total/NA	Solid	8151A	170964

LCMS

Prep Batch: 171232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-41269-1	WFE10-01-51-20130421	Total/NA	Solid	8321A	
280-41269-2	WFE11-01-51-20130421	Total/NA	Solid	8321A	
280-41269-3	WFE12-01-51-20130421	Total/NA	Solid	8321A	
280-41269-4	WFE12-01-52-20130421	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
280-41269-1	WFE10-01-51-20130421	Total/NA	Solid	8321A	171232
280-41269-2	WFE11-01-51-20130421	Total/NA	Solid	8321A	171232
280-41269-3	WFE12-01-51-20130421	Total/NA	Solid	8321A	171232
280-41269-4	WFE12-01-52-20130421	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: 171109

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
280-41269-1	WFE10-01-51-20130421	Total/NA	Solid	Moisture	
280-41269-2	WFE11-01-51-20130421	Total/NA	Solid	Moisture	
280-41269-3	WFE12-01-51-20130421	Total/NA	Solid	Moisture	
280-41269-4	WFE12-01-52-20130421	Total/NA	Solid	Moisture	

Lab Chronicle

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

TestAmerica Job ID: 280-41269-1

Client Sample ID: WFE10-01-51-20130421

Lab Sample ID: 280-41269-1

Date Collected: 04/21/13 15:15
Matrix: Solid
Date Received: 04/23/13 09:24
Percent Solids: 76.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.5 g	1000 uL	170969	04/23/13 19:35	SPF	TAL DEN
Total/NA	Analysis	8270C		4			171230	04/25/13 15:33	DCK	TAL DEN
Total/NA	Prep	8151A			50.9 g	10000 uL	170964	04/23/13 20:30	SPF	TAL DEN
Total/NA	Analysis	8151A		10			171204	04/25/13 10:24	LKG	TAL DEN
Total/NA	Prep	8151A			50.9 g	10000 uL	170964	04/23/13 20:30	SPF	TAL DEN
Total/NA	Analysis	8151A		10			171204	04/25/13 10:24	LKG	TAL DEN
Total/NA	Prep	3550C			00030.02 g	10 mL	101223	04/23/13 10:42	MJ	TAL TAL
Total/NA	Analysis	8141B		1			101247	04/23/13 15:22	MLT	TAL TAL
Total/NA	Prep	8321A			5.07 g	200 mL	171232	04/25/13 07:00	AGCM	TAL DEN
Total/NA	Analysis	8321A		1			171283	04/25/13 13:01	AGCM	TAL DEN
Total/NA	Analysis	Moisture		1			171109	04/24/13 14:01	AFB	TAL DEN

Client Sample ID: WFE11-01-51-20130421

Lab Sample ID: 280-41269-2

Date Collected: 04/21/13 15:35
Matrix: Solid
Date Received: 04/23/13 09:24
Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.2 g	1000 uL	170969	04/23/13 19:35	SPF	TAL DEN
Total/NA	Analysis	8270C		4			171230	04/25/13 15:59	DCK	TAL DEN
Total/NA	Prep	8151A			50.8 g	10000 uL	170964	04/23/13 20:30	SPF	TAL DEN
Total/NA	Analysis	8151A		10			171204	04/25/13 10:47	LKG	TAL DEN
Total/NA	Prep	8151A			50.8 g	10000 uL	170964	04/23/13 20:30	SPF	TAL DEN
Total/NA	Analysis	8151A		10			171204	04/25/13 10:47	LKG	TAL DEN
Total/NA	Prep	3550C			00030.08 g	10 mL	101223	04/23/13 10:42	MJ	TAL TAL
Total/NA	Analysis	8141B		1			101247	04/23/13 14:38	MLT	TAL TAL
Total/NA	Prep	8321A			5.14 g	200 mL	171232	04/25/13 07:00	AGCM	TAL DEN
Total/NA	Analysis	8321A		1			171283	04/25/13 13:07	AGCM	TAL DEN
Total/NA	Analysis	Moisture		1			171109	04/24/13 14:01	AFB	TAL DEN

Client Sample ID: WFE12-01-51-20130421

Lab Sample ID: 280-41269-3

Date Collected: 04/21/13 15:55
Matrix: Solid
Date Received: 04/23/13 09:24
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			31.2 g	1000 uL	170969	04/23/13 19:35	SPF	TAL DEN
Total/NA	Analysis	8270C		4			171230	04/25/13 16:26	DCK	TAL DEN
Total/NA	Prep	8151A			51.2 g	10000 uL	170964	04/23/13 20:30	SPF	TAL DEN
Total/NA	Analysis	8151A		10			171204	04/25/13 11:09	LKG	TAL DEN
Total/NA	Prep	8151A			51.2 g	10000 uL	170964	04/23/13 20:30	SPF	TAL DEN
Total/NA	Analysis	8151A		10			171204	04/25/13 11:09	LKG	TAL DEN
Total/NA	Prep	3550C			00030.08 g	10 mL	101223	04/23/13 10:42	MJ	TAL TAL
Total/NA	Analysis	8141B		1			101247	04/23/13 14:53	MLT	TAL TAL
Total/NA	Prep	8321A			5.18 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: 280-41269-1

Client Sample ID: WFE12-01-51-20130421 — Lab Sample ID: 280-41269-3

Date Collected: 04/21/13 15:55 — **Matrix: Solid**
Date Received: 04/23/13 09:24 — **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	Analysis	8321A		1			171283	04/25/13 13:12	AGCM	TAL DEN
Total/NA	Analysis	Moisture		1			171109	04/24/13 14:01	AFB	TAL DEN

Client Sample ID: WFE12-01-52-20130421 — Lab Sample ID: 280-41269-4

Date Collected: 04/21/13 16:00 — **Matrix: Solid**
Date Received: 04/23/13 09:24 — **Percent Solids: 80.8**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			32.3 g	1000 uL	170969	04/23/13 19:35	SPF	TAL DEN
Total/NA	Analysis	8270C		4			171230	04/25/13 16:53	DCK	TAL DEN
Total/NA	Prep	8151A			51.1 g	10000 uL	170964	04/23/13 20:30	SPF	TAL DEN
Total/NA	Analysis	8151A		10			171204	04/25/13 11:32	LKG	TAL DEN
Total/NA	Prep	8151A			51.1 g	10000 uL	170964	04/23/13 20:30	SPF	TAL DEN
Total/NA	Analysis	8151A		10			171204	04/25/13 11:32	LKG	TAL DEN
Total/NA	Prep	3550C			00030.04 g	10 mL	101223	04/23/13 10:42	MJ	TAL TAL
Total/NA	Analysis	8141B		1			101247	04/23/13 15:07	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 13:17	AGCM	TAL DEN
Total/NA	Analysis	Moisture		1			171109	04/24/13 14:01	AFB	TAL DEN

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: 280-41269-1

Login Number: 41269

List Source: TestAmerica Denver

List Number: 1

Creator: Eichelberger, Elizabeth 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	
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: 280-41269-1

Login Number: 41269
List Number: 1
Creator: Carpenter, Jonnie T

List Source: TestAmerica Tallahassee
List Creation: 04/23/13 11:58 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	

USEPA
DateShipped: 4/22/2013
CarrierName: FedEx
AirbillNo: 799577278642

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

2.3 RI 4/23/13

No: 6-042113-164049-0003
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
	WFE10-01-51-20130421	WFE10	SVOCs + TICs, Herbicides, Glyphosate DI Leachate	Soil	4/21/2013	15:15	1	8 oz Jar	Ice	N
	WFE11-01-51-20130421	WFE11	SVOCs + TICs, Herbicides, Glyphosate DI Leachate	Soil	4/21/2013	15:35	1	8 oz Jar	Ice	N
	WFE12-01-51-20130421	WFE12	SVOCs + TICs, Herbicides, Glyphosate DI Leachate	Soil	4/21/2013	15:55	1	8 oz Jar	Ice	N
	WFE12-01-52-20130421	WFE12	SVOCs + TICs, Herbicides, Glyphosate DI Leachate	Soil	4/21/2013	16:00	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
4 Soil Samples Analysis	[signature]	4/22/13	[signature]	4/23/13	1030						

640-43299

USEPA
DateShipped: 4/22/2013
CarrierName: FedEx
AirbillNo: 799577324461

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

No: 6-042113-164052-0004
Cooler #: 1
Lab: Test America - Tallahassee
Lab Phone: 802-660-1990

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	WFE10-01-51-20130421	WFE10	Organophosphorus Pesticides	Soil	4/21/2013	15:15	1	8 oz Jar	Ice	N
	WFE11-01-51-20130421	WFE11	Organophosphorus Pesticides	Soil	4/21/2013	15:35	1	8 oz Jar	Ice	N
	WFE12-01-51-20130421	WFE12	Organophosphorus Pesticides	Soil	4/21/2013	15:55	1	8 oz Jar	Ice	N
	WFE12-01-52-20130421	WFE12	Organophosphorus Pesticides	Soil	4/21/2013	16:00	1	8 oz Jar	Ice	N

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Special Instructions: 3 day TAT

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
4 SOIL SAMPLES Analysis	D [illegible]	4/22/13	A Carpenter	4.23.13	0900						

1.7