

Colorado Oil & Gas Conservation

Sample Delivery Group: L1427531
Samples Received: 11/05/2021
Project Number:
Description: Brandon, Colorado Dawson A-1
Site: 3546
Report To: Jason Kosola
5405 Sacramento Pl.
Colorado Springs, CO 80917

Entire Report Reviewed By:



Chris Ward
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

SAMPLE SUMMARY

SS1 L1427531-01 Solid

Collected by Jason Kosola Collected date/time 11/03/21 12:22 Received date/time 11/05/21 14:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1773229	1	11/18/21 12:19	11/18/21 12:19	CCE	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG1771498	1	12/02/21 16:09	12/03/21 11:46	AW	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG1771027	1	11/09/21 04:04	11/09/21 09:20	ARD	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG1773235	1	11/16/21 14:28	11/17/21 13:02	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1774186	1	11/08/21 13:08	11/15/21 10:23	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1774111	50	11/15/21 09:22	11/15/21 22:34	JN	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

SS2 L1427531-02 Solid

Collected by Jason Kosola Collected date/time 11/03/21 12:30 Received date/time 11/05/21 14:20

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Calculated Results	WG1773229	1	11/18/21 12:22	11/18/21 12:22	CCE	Mt. Juliet, TN
Wet Chemistry by Method 9045D	WG1771498	1	12/02/21 16:09	12/03/21 11:46	AW	Mt. Juliet, TN
Wet Chemistry by Method 9050AMod	WG1771027	1	11/09/21 04:04	11/09/21 09:20	ARD	Mt. Juliet, TN
Metals (ICP) by Method 6010B-NE493 Ch 2	WG1773235	1	11/16/21 14:28	11/17/21 13:05	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015/8021	WG1771834	1	11/08/21 13:08	11/10/21 09:56	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1774111	50	11/15/21 09:22	11/15/21 22:46	JN	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Chris Ward
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	1.02		1	11/18/2021 12:19	WG1773229

Wet Chemistry by Method 9045D

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
pH	7.53	<u>T8</u>	1	12/03/2021 11:46	WG1771498

Sample Narrative:

L1427531-01 WG1771498: 7.53 at 18.8C

Wet Chemistry by Method 9050AMod

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	564		10.0	1	11/09/2021 09:20	WG1771027

Sample Narrative:

L1427531-01 WG1771027: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.745		0.200	1	11/17/2021 13:02	WG1773235

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	0.000688		0.000500	1	11/15/2021 10:23	WG1774186
Toluene	ND		0.00500	1	11/15/2021 10:23	WG1774186
Ethylbenzene	0.000502		0.000500	1	11/15/2021 10:23	WG1774186
Total Xylene	0.00216		0.00150	1	11/15/2021 10:23	WG1774186
TPH (GC/FID) Low Fraction	ND		0.100	1	11/15/2021 10:23	WG1774186
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	64.6	<u>J2</u>	77.0-120		11/15/2021 10:23	WG1774186
(S) <i>a,a,a</i> -Trifluorotoluene(PID)	67.7	<u>J2</u>	72.0-128		11/15/2021 10:23	WG1774186

Sample Narrative:

L1427531-01 WG1774186: Surrogate failure due to matrix interference.

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	11200		200	50	11/15/2021 22:34	WG1774111
(S) <i>o</i> -Terphenyl	0.000	<u>J7</u>	18.0-148		11/15/2021 22:34	WG1774111

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Calculated Results

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Sodium Adsorption Ratio	2.07		1	11/18/2021 12:22	WG1773229

Wet Chemistry by Method 9045D

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
pH	7.27	<u>T8</u>	1	12/03/2021 11:46	WG1771498

Sample Narrative:

L1427531-02 WG1771498: 7.27 at 18.8C

Wet Chemistry by Method 9050AMod

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Specific Conductance	1300		10.0	1	11/09/2021 09:20	WG1771027

Sample Narrative:

L1427531-02 WG1771027: at 25C

Metals (ICP) by Method 6010B-NE493 Ch 2

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Hot Water Sol. Boron	0.480		0.200	1	11/17/2021 13:05	WG1773235

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	0.000696		0.000500	1	11/10/2021 09:56	WG1771834
Toluene	ND		0.00500	1	11/10/2021 09:56	WG1771834
Ethylbenzene	ND		0.000500	1	11/10/2021 09:56	WG1771834
Total Xylene	ND		0.00150	1	11/10/2021 09:56	WG1771834
TPH (GC/FID) Low Fraction	ND		0.100	1	11/10/2021 09:56	WG1771834
(S) <i>a,a,a</i> -Trifluorotoluene(FID)	83.9		77.0-120		11/10/2021 09:56	WG1771834
(S) <i>a,a,a</i> -Trifluorotoluene(PID)	80.8		72.0-128		11/10/2021 09:56	WG1771834

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	11700		200	50	11/15/2021 22:46	WG1774111
(S) <i>o</i> -Terphenyl	0.000	<u>J7</u>	18.0-148		11/15/2021 22:46	WG1774111

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1427459-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1427459-01 12/03/21 11:46 • (DUP) R3736744-2 12/03/21 11:46

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	su	su		%		%
pH	8.29	8.33	1	0.481		1

Sample Narrative:

OS: 8.29 at 19.1C
DUP: 8.33 at 19.1C

Laboratory Control Sample (LCS)

(LCS) R3736744-1 12/03/21 11:46

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	su	su	%	%	
pH	10.0	10.0	100	99.0-101	

Sample Narrative:

LCS: 10.02 at 18.4C

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3727145-1 11/09/21 09:20

Analyte	MB Result umhos/cm	MB Qualifier	MB MDL umhos/cm	MB RDL umhos/cm
Specific Conductance	U		10.0	10.0

Sample Narrative:

BLANK: at 25C

L1427661-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1427661-04 11/09/21 09:20 • (DUP) R3727145-3 11/09/21 09:20

Analyte	Original Result umhos/cm	DUP Result umhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits
Specific Conductance	269	282	1	4.83		20

Sample Narrative:

OS: at 25C
DUP: at 25C

L1427663-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1427663-03 11/09/21 09:20 • (DUP) R3727145-4 11/09/21 09:20

Analyte	Original Result umhos/cm	DUP Result umhos/cm	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits
Specific Conductance	148	154	1	3.77		20

Sample Narrative:

OS: at 25C
DUP: at 25C

Laboratory Control Sample (LCS)

(LCS) R3727145-2 11/09/21 09:20

Analyte	Spike Amount umhos/cm	LCS Result umhos/cm	LCS Rec. %	Rec. Limits %	LCS Qualifier
Specific Conductance	268	270	101	85.0-115	

Sample Narrative:

LCS: at 25C



Method Blank (MB)

(MB) R3730720-1 11/17/21 12:54

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Hot Water Sol. Boron	U		0.0167	0.200

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3730720-2 11/17/21 12:57 • (LCSD) R3730720-3 11/17/21 12:59

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Hot Water Sol. Boron	1.00	1.07	1.05	107	105	80.0-120			1.86	20

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Method Blank (MB)

(MB) R3729275-3 11/10/21 08:52

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000120	0.000500
Toluene	U		0.000150	0.00500
Ethylbenzene	U		0.000110	0.000500
Total Xylene	U		0.000460	0.00150
TPH (GC/FID) Low Fraction	U		0.0217	0.100
^(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120
^(S) a,a,a-Trifluorotoluene(PID)	103			72.0-128

Laboratory Control Sample (LCS)

(LCS) R3729275-1 11/10/21 07:47

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0489	97.8	76.0-121	
Toluene	0.0500	0.0504	101	80.0-120	
Ethylbenzene	0.0500	0.0502	100	80.0-124	
Total Xylene	0.150	0.159	106	37.0-160	
^(S) a,a,a-Trifluorotoluene(FID)			108	77.0-120	
^(S) a,a,a-Trifluorotoluene(PID)			101	72.0-128	

Laboratory Control Sample (LCS)

(LCS) R3729275-2 11/10/21 08:08

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	4.42	80.4	72.0-127	
^(S) a,a,a-Trifluorotoluene(FID)			93.8	77.0-120	
^(S) a,a,a-Trifluorotoluene(PID)			104	72.0-128	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3730033-3 11/15/21 10:00

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000120	0.000500
Toluene	U		0.000150	0.00500
Ethylbenzene	U		0.000110	0.000500
Total Xylene	U		0.000460	0.00150
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	96.9			77.0-120
(S) a,a,a-Trifluorotoluene(PID)	99.3			72.0-128

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

Laboratory Control Sample (LCS)

(LCS) R3730033-1 11/15/21 06:10

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) Low Fraction	5.50	4.91	89.3	72.0-127	
(S) a,a,a-Trifluorotoluene(FID)			97.4	77.0-120	
(S) a,a,a-Trifluorotoluene(PID)			101	72.0-128	

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS)

(LCS) R3730033-2 11/15/21 08:56

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0500	0.0536	107	76.0-121	
Toluene	0.0500	0.0488	97.6	80.0-120	
Ethylbenzene	0.0500	0.0519	104	80.0-124	
Total Xylene	0.150	0.163	109	37.0-160	
(S) a,a,a-Trifluorotoluene(FID)			103	77.0-120	
(S) a,a,a-Trifluorotoluene(PID)			104	72.0-128	

Method Blank (MB)

(MB) R3729835-1 11/15/21 16:04

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) High Fraction	U		0.769	4.00
<i>(S) o-Terphenyl</i>	53.6			18.0-148

Laboratory Control Sample (LCS)

(LCS) R3729835-2 11/15/21 16:17

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TPH (GC/FID) High Fraction	50.0	30.0	60.0	50.0-150	
<i>(S) o-Terphenyl</i>			73.4	18.0-148	

L1427662-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1427662-01 11/15/21 20:10 • (MS) R3729835-3 11/15/21 20:23 • (MSD) R3729835-4 11/15/21 20:36

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) High Fraction	50.0	1630	1510	1480	0.000	0.000	5	50.0-150	V	V	2.01	20
<i>(S) o-Terphenyl</i>					71.6	77.0		18.0-148				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.
J7	Surrogate recovery cannot be used for control limit evaluation due to dilution.
T8	Sample(s) received past/too close to holding time expiration.
V	The sample concentration is too high to evaluate accurate spike recoveries.

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

21427531

WASTE MANAGEMENT
GENERATOR WARRANTY STATEMENT

CONSTITUENTS	
p-Cresol, TCLP - <200.0 mg/l	PH, 2.0 < X < 12.5 s.u.
Cresol, total, TCLP - <200.0 mg/l	Ignitability, > 140 degrees Fahrenheit
Pentachlorophenol, TCLP - <100.0 mg/l	Reactive Sulfide, <500 mg/kg
2,4,5 - Trichlorophenol, TCLP - <400.0 mg/l	Reactive Cyanide, <250 mg/kg
2,4,6 - Trichlorophenol, TCLP - <2.0 mg/l	Free Liquids - Pass, No free liquids
Chlordane, TCLP - <0.03 mg/l	PCB'S - <50 mg/kg, If ≥ 50 mg/kg, then must be <0.1 mg/l on leach., if leaching test is feasible, PCB Megarule applicable
Endrin, TCLP - <0.02 mg/l	Total Volatile Solids - No Limit
Heptachlor, TCLP - <0.008 mg/l	Total Solids- No limit, must pass paint filter test
Lindane, TCLP - <0.4 mg/l	
Methoxychlor, TCLP - <10.0 mg/l	
Toxaphene, TCLP - <0.5 mg/l	
2,4-D, TCLP - <10.0 mg/l	
2,4,5-TP (silvex), TCLP - <1.0 mg/l	

Is the waste an excluded hazardous waste as defined in 40 CFR 261.4?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Is the waste subject to Land Disposal Restrictions as defined in 40 CFR Part 268?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Has the waste been de-listed as a hazardous waste by DEP or US EPA? If Yes provide additional information for the de-listing of the waste.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Initials placed next to Statements #1 and #2 of the foregoing Statement Items signify the undersigned's agreement to the contents of such Statement Item on behalf of the Generator to the best knowledge, information and belief of its employees and agents.	Name of Generator: _____
Signature:	
Print Name:	
Title:	
Date:	
WMM Waste Code: (WMM to complete)	

L1427531



GENERATOR WARRANTY STATEMENT - Northwest Sanitary Landfill

Name of Generator:	
WMM Waste Code: (WMM to complete)	

Please initial Statements #1 and #2. Consultants, brokers or other parties may initial and sign on behalf of the generator only if a notarized letter of authorization from the generator permitting such party to sign documents and legally bind the generator is submitted.

Initials:	
1. _____	I hereby warrant that the waste described in the attached waste disposal application, is not a hazardous waste pursuant to 25 Pa Code 261a and 40 CFR 261 or contains PCB's regulated by TSCA 40 CFR Part 761.

Initials:	
2. _____	I hereby specifically warrant that the waste described in the attached waste disposal application or re-approval documents are not equal to or greater than the Maximum Allowable Levels (MAL's) indicated below. Excluded wastes may not exceed more than 10 times an MAL of a constituent listed below.

CONSTITUENTS	
Arsenic, TCLP - <5.0 mg/l	1,2 - Dichloroethane, TCLP - <0.5 mg/l
Barium, TCLP - <100.0 mg/l	1,1- Dichloroethylene, TCLP - <0.7 mg/l
Cadmium, TCLP - <1.0 mg/l	Methyl Ethyl Ketone, TCLP - <200.0 mg/l
Chromium, TCLP - <5.0 mg/l	Tetrachloroethylene, TCLP - <0.7 mg/l
Lead, TCLP - <5.0 mg/l	Trichloroethylene, TCLP - <0.5 mg/l
Mercury, TCLP - <0.2 mg/l	Vinyl Chloride, TCLP - <0.2 mg/l
Selenium, TCLP - <1.0 mg/l	1,4 - Dichlorobenzene - <7.5 mg/l
Silver, TCLP - <5.0 mg/l	Hexachlorobenzene, TCLP - <0.13 mg/l
Copper, TCLP - <133.0 mg/l	Hexachlorobutadiene, TCLP - <0.5 mg/l
Nickel, TCLP - <157.0 mg/l	Hexachloroethane, TCLP - <3.0 mg/l
Zinc, TCLP - <2,500.0 mg/l	Nitrobenzene, TCLP - <2.0
Benzene, TCLP - <0.5 mg/l	Pyridine, TCLP - <5.0 mg/l
Carbon Tetrachloride, TCLP - <0.5 mg/l	2,4 - Dinitrotoluene, TCLP - <0.13 mg/l
Chlorobenzene, TCLP - <100.0 mg/l	o-Cresol, TCLP - <200.0 mg/l
Chloroform, TCLP - <6.0 mg/l	m-Cresol, TCLP - <200.0 mg/l