

Analytical Report

Report Summary

Client: WPX (Carlsbad)

Samples Received: 6/12/2019

Job Number: 04108-0369

Work Order: P906046

Project Name/Location: Ross Draw Unit #57

Report Reviewed By:



Date: 6/18/19

Walter Hinchman, Laboratory Director



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.
Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.
Envirotech, Inc, currently holds the appropriate and available Utah TNI certification NM009792018-1 for the data reported.

WPX (Carlsbad)
 5315 Buena Vista Dr
 Carlsbad NM, 88220

 Project Name: Ross Draw Unit #57
 Project Number: 04108-0369
 Project Manager: Kris Rowe

Reported:
 06/18/19 12:51

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP81	P906046-01A	Soil	06/10/19	06/12/19	Glass Jar, 4 oz.
SP82	P906046-02A	Soil	06/10/19	06/12/19	Glass Jar, 4 oz.
SP83	P906046-03A	Soil	06/10/19	06/12/19	Glass Jar, 4 oz.
SP84	P906046-04A	Soil	06/10/19	06/12/19	Glass Jar, 4 oz.
SP85	P906046-05A	Soil	06/10/19	06/12/19	Glass Jar, 4 oz.
SP86	P906046-06A	Soil	06/10/19	06/12/19	Glass Jar, 4 oz.
SP87	P906046-07A	Soil	06/10/19	06/12/19	Glass Jar, 4 oz.
SP88	P906046-08A	Soil	06/10/19	06/12/19	Glass Jar, 4 oz.
SP89	P906046-09A	Soil	06/10/19	06/12/19	Glass Jar, 4 oz.
SP90	P906046-10A	Soil	06/10/19	06/12/19	Glass Jar, 4 oz.
SP91	P906046-11A	Soil	06/10/19	06/12/19	Glass Jar, 4 oz.
SP92	P906046-12A	Soil	06/10/19	06/12/19	Glass Jar, 4 oz.
SP93	P906046-13A	Soil	06/10/19	06/12/19	Glass Jar, 4 oz.
SP94	P906046-14A	Soil	06/10/19	06/12/19	Glass Jar, 4 oz.
SP95	P906046-15A	Soil	06/10/19	06/12/19	Glass Jar, 4 oz.
SP96	P906046-16A	Soil	06/10/19	06/12/19	Glass Jar, 4 oz.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

WPX (Carlsbad)
 5315 Buena Vista Dr
 Carlsbad NM, 88220

 Project Name: Ross Draw Unit #57
 Project Number: 04108-0369
 Project Manager: Kris Rowe

Reported:
 06/18/19 12:51

SP81
P906046-01 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/15/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/15/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/15/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1924026	06/12/19	06/15/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/15/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1924026	06/12/19	06/15/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.8 %		50-150	1924026	06/12/19	06/15/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	43.7	25.0	mg/kg	1	1924034	06/13/19	06/15/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1924034	06/13/19	06/15/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		102 %		50-200	1924034	06/13/19	06/15/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1924026	06/12/19	06/15/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		103 %		50-150	1924026	06/12/19	06/15/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	2690	20.0	mg/kg	1	1924041	06/13/19	06/13/19	EPA 300.0/9056A	
----------	------	------	-------	---	---------	----------	----------	--------------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

WPX (Carlsbad)
 5315 Buena Vista Dr
 Carlsbad NM, 88220

 Project Name: Ross Draw Unit #57
 Project Number: 04108-0369
 Project Manager: Kris Rowe

Reported:
 06/18/19 12:51

SP82
P906046-02 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/15/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/15/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/15/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1924026	06/12/19	06/15/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/15/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1924026	06/12/19	06/15/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.5 %		50-150	1924026	06/12/19	06/15/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1924034	06/13/19	06/15/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1924034	06/13/19	06/15/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		102 %		50-200	1924034	06/13/19	06/15/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1924026	06/12/19	06/15/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		102 %		50-150	1924026	06/12/19	06/15/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	287	20.0	mg/kg	1	1924041	06/13/19	06/14/19	EPA 300.0/9056A	
----------	-----	------	-------	---	---------	----------	----------	--------------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

WPX (Carlsbad)
 5315 Buena Vista Dr
 Carlsbad NM, 88220

 Project Name: Ross Draw Unit #57
 Project Number: 04108-0369
 Project Manager: Kris Rowe

Reported:
 06/18/19 12:51

SP83
P906046-03 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/15/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/15/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/15/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1924026	06/12/19	06/15/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/15/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1924026	06/12/19	06/15/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.7 %		50-150	1924026	06/12/19	06/15/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1924034	06/13/19	06/15/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1924034	06/13/19	06/15/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		100 %		50-200	1924034	06/13/19	06/15/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1924026	06/12/19	06/15/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		101 %		50-150	1924026	06/12/19	06/15/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	70.3	20.0	mg/kg	1	1924041	06/13/19	06/14/19	EPA 300.0/9056A	
----------	------	------	-------	---	---------	----------	----------	--------------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

WPX (Carlsbad)
 5315 Buena Vista Dr
 Carlsbad NM, 88220

 Project Name: Ross Draw Unit #57
 Project Number: 04108-0369
 Project Manager: Kris Rowe

Reported:
 06/18/19 12:51

SP84
P906046-04 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/15/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/15/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/15/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1924026	06/12/19	06/15/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/15/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1924026	06/12/19	06/15/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %		50-150	1924026	06/12/19	06/15/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1924034	06/13/19	06/15/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1924034	06/13/19	06/15/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		101 %		50-200	1924034	06/13/19	06/15/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1924026	06/12/19	06/15/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		100 %		50-150	1924026	06/12/19	06/15/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	297	20.0	mg/kg	1	1924041	06/13/19	06/14/19	EPA 300.0/9056A	
----------	-----	------	-------	---	---------	----------	----------	--------------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

WPX (Carlsbad)
 5315 Buena Vista Dr
 Carlsbad NM, 88220

 Project Name: Ross Draw Unit #57
 Project Number: 04108-0369
 Project Manager: Kris Rowe

Reported:
 06/18/19 12:51

SP85
P906046-05 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.5 %		50-150	1924026	06/12/19	06/16/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1924034	06/13/19	06/15/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1924034	06/13/19	06/15/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		103 %		50-200	1924034	06/13/19	06/15/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.9 %		50-150	1924026	06/12/19	06/16/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	307	20.0	mg/kg	1	1924041	06/13/19	06/14/19	EPA 300.0/9056A	
----------	-----	------	-------	---	---------	----------	----------	--------------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

WPX (Carlsbad)
 5315 Buena Vista Dr
 Carlsbad NM, 88220

 Project Name: Ross Draw Unit #57
 Project Number: 04108-0369
 Project Manager: Kris Rowe

Reported:
 06/18/19 12:51

SP86
P906046-06 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.5 %		50-150	1924026	06/12/19	06/16/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1924034	06/13/19	06/15/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1924034	06/13/19	06/15/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		104 %		50-200	1924034	06/13/19	06/15/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		100 %		50-150	1924026	06/12/19	06/16/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	462	20.0	mg/kg	1	1924041	06/13/19	06/14/19	EPA 300.0/9056A	
----------	-----	------	-------	---	---------	----------	----------	--------------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

WPX (Carlsbad)
 5315 Buena Vista Dr
 Carlsbad NM, 88220

 Project Name: Ross Draw Unit #57
 Project Number: 04108-0369
 Project Manager: Kris Rowe

Reported:
 06/18/19 12:51

SP87
P906046-07 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.9 %		50-150	1924026	06/12/19	06/16/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1924034	06/13/19	06/15/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1924034	06/13/19	06/15/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		102 %		50-200	1924034	06/13/19	06/15/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		101 %		50-150	1924026	06/12/19	06/16/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	628	20.0	mg/kg	1	1924041	06/13/19	06/14/19	EPA 300.0/9056A	
----------	-----	------	-------	---	---------	----------	----------	--------------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

WPX (Carlsbad)
 5315 Buena Vista Dr
 Carlsbad NM, 88220

 Project Name: Ross Draw Unit #57
 Project Number: 04108-0369
 Project Manager: Kris Rowe

Reported:
 06/18/19 12:51

SP88
P906046-08 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %		50-150	1924026	06/12/19	06/16/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1924034	06/13/19	06/15/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1924034	06/13/19	06/15/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		102 %		50-200	1924034	06/13/19	06/15/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		101 %		50-150	1924026	06/12/19	06/16/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	381	20.0	mg/kg	1	1924041	06/13/19	06/14/19	EPA 300.0/9056A	
----------	-----	------	-------	---	---------	----------	----------	--------------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

WPX (Carlsbad)
 5315 Buena Vista Dr
 Carlsbad NM, 88220

 Project Name: Ross Draw Unit #57
 Project Number: 04108-0369
 Project Manager: Kris Rowe

Reported:
 06/18/19 12:51

SP89
P906046-09 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.8 %		50-150	1924026	06/12/19	06/16/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1924034	06/13/19	06/15/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1924034	06/13/19	06/15/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		103 %		50-200	1924034	06/13/19	06/15/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		101 %		50-150	1924026	06/12/19	06/16/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	206	20.0	mg/kg	1	1924041	06/13/19	06/14/19	EPA 300.0/9056A	
----------	-----	------	-------	---	---------	----------	----------	--------------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

WPX (Carlsbad)
 5315 Buena Vista Dr
 Carlsbad NM, 88220

 Project Name: Ross Draw Unit #57
 Project Number: 04108-0369
 Project Manager: Kris Rowe

Reported:
 06/18/19 12:51

SP90
P906046-10 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.3 %		50-150	1924026	06/12/19	06/16/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1924034	06/13/19	06/15/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1924034	06/13/19	06/15/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		102 %		50-200	1924034	06/13/19	06/15/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		101 %		50-150	1924026	06/12/19	06/16/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	597	20.0	mg/kg	1	1924041	06/13/19	06/14/19	EPA 300.0/9056A	
----------	-----	------	-------	---	---------	----------	----------	--------------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

WPX (Carlsbad)
 5315 Buena Vista Dr
 Carlsbad NM, 88220

 Project Name: Ross Draw Unit #57
 Project Number: 04108-0369
 Project Manager: Kris Rowe

Reported:
 06/18/19 12:51

SP91
P906046-11 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.6 %		50-150	1924026	06/12/19	06/16/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1924034	06/13/19	06/15/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1924034	06/13/19	06/15/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		102 %		50-200	1924034	06/13/19	06/15/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		101 %		50-150	1924026	06/12/19	06/16/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	2070	20.0	mg/kg	1	1924041	06/13/19	06/14/19	EPA 300.0/9056A	
----------	------	------	-------	---	---------	----------	----------	--------------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

WPX (Carlsbad)
 5315 Buena Vista Dr
 Carlsbad NM, 88220

 Project Name: Ross Draw Unit #57
 Project Number: 04108-0369
 Project Manager: Kris Rowe

Reported:
 06/18/19 12:51

SP92
P906046-12 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.4 %		50-150	1924026	06/12/19	06/16/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1924034	06/13/19	06/15/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1924034	06/13/19	06/15/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		101 %		50-200	1924034	06/13/19	06/15/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		102 %		50-150	1924026	06/12/19	06/16/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	691	20.0	mg/kg	1	1924041	06/13/19	06/14/19	EPA 300.0/9056A	
----------	-----	------	-------	---	---------	----------	----------	--------------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

WPX (Carlsbad)
 5315 Buena Vista Dr
 Carlsbad NM, 88220

 Project Name: Ross Draw Unit #57
 Project Number: 04108-0369
 Project Manager: Kris Rowe

Reported:
 06/18/19 12:51

SP93
P906046-13 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.2 %		50-150	1924026	06/12/19	06/16/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	108	25.0	mg/kg	1	1924034	06/13/19	06/15/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1924034	06/13/19	06/15/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		103 %		50-200	1924034	06/13/19	06/15/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		100 %		50-150	1924026	06/12/19	06/16/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	4000	20.0	mg/kg	1	1924041	06/13/19	06/14/19	EPA 300.0/9056A	
----------	------	------	-------	---	---------	----------	----------	--------------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

WPX (Carlsbad)
 5315 Buena Vista Dr
 Carlsbad NM, 88220

 Project Name: Ross Draw Unit #57
 Project Number: 04108-0369
 Project Manager: Kris Rowe

Reported:
 06/18/19 12:51

SP94
P906046-14 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.1 %		50-150	1924026	06/12/19	06/16/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1924034	06/13/19	06/15/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1924034	06/13/19	06/15/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		107 %		50-200	1924034	06/13/19	06/15/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		102 %		50-150	1924026	06/12/19	06/16/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	218	20.0	mg/kg	1	1924041	06/13/19	06/14/19	EPA 300.0/9056A	
----------	-----	------	-------	---	---------	----------	----------	--------------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

WPX (Carlsbad)
 5315 Buena Vista Dr
 Carlsbad NM, 88220

 Project Name: Ross Draw Unit #57
 Project Number: 04108-0369
 Project Manager: Kris Rowe

Reported:
 06/18/19 12:51

SP95
P906046-15 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Ethylbenzene	0.0263	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.9 %		50-150	1924026	06/12/19	06/16/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	3820	125	mg/kg	5	1924034	06/13/19	06/15/19	EPA 8015D	
Oil Range Organics (C28-C40)	674	250	mg/kg	5	1924034	06/13/19	06/15/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		117 %		50-200	1924034	06/13/19	06/15/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		101 %		50-150	1924026	06/12/19	06/16/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	655	20.0	mg/kg	1	1924041	06/13/19	06/14/19	EPA 300.0/9056A	
----------	------------	------	-------	---	---------	----------	----------	--------------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

WPX (Carlsbad)
 5315 Buena Vista Dr
 Carlsbad NM, 88220

 Project Name: Ross Draw Unit #57
 Project Number: 04108-0369
 Project Manager: Kris Rowe

Reported:
 06/18/19 12:51

SP96
P906046-16 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organics by EPA 8021

Benzene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.3 %		50-150	1924026	06/12/19	06/16/19	EPA 8021B	

Nonhalogenated Organics by 8015 - DRO/ORO

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1924034	06/13/19	06/18/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1924034	06/13/19	06/18/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		102 %		50-200	1924034	06/13/19	06/18/19	EPA 8015D	

Nonhalogenated Organics by 8015 - GRO

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1924026	06/12/19	06/16/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		101 %		50-150	1924026	06/12/19	06/16/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	604	20.0	mg/kg	1	1924041	06/13/19	06/14/19	EPA 300.0/9056A	
----------	------------	------	-------	---	---------	----------	----------	--------------------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

WPX (Carlsbad)
 5315 Buena Vista Dr
 Carlsbad NM, 88220

 Project Name: Ross Draw Unit #57
 Project Number: 04108-0369
 Project Manager: Kris Rowe

Reported:
 06/18/19 12:51

Volatile Organics by EPA 8021 - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1924026 - Purge and Trap EPA 5030A
Blank (1924026-BLK1)

Prepared: 06/12/19 1 Analyzed: 06/15/19 1

Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							

Surrogate: 4-Bromochlorobenzene-PID 7.86 " 8.00 98.2 50-150

LCS (1924026-BS1)

Prepared: 06/12/19 1 Analyzed: 06/15/19 1

Benzene	3.94	0.0250	mg/kg	5.00		78.7	70-130			
Toluene	4.28	0.0250	"	5.00		85.7	70-130			
Ethylbenzene	4.28	0.0250	"	5.00		85.5	70-130			
p,m-Xylene	8.81	0.0500	"	10.0		88.1	70-130			
o-Xylene	4.28	0.0250	"	5.00		85.7	70-130			
Total Xylenes	13.1	0.0250	"	15.0		87.3	70-130			

Surrogate: 4-Bromochlorobenzene-PID 7.79 " 8.00 97.4 50-150

Matrix Spike (1924026-MS1)

Source: P906046-01

Prepared: 06/12/19 1 Analyzed: 06/15/19 2

Benzene	4.16	0.0250	mg/kg	5.00	ND	83.2	54.3-133			
Toluene	4.52	0.0250	"	5.00	ND	90.4	61.4-130			
Ethylbenzene	4.51	0.0250	"	5.00	ND	90.2	61.4-133			
p,m-Xylene	9.28	0.0500	"	10.0	ND	92.8	63.3-131			
o-Xylene	4.51	0.0250	"	5.00	ND	90.2	63.3-131			
Total Xylenes	13.8	0.0250	"	15.0	ND	91.9	63.3-131			

Surrogate: 4-Bromochlorobenzene-PID 7.90 " 8.00 98.8 50-150

Matrix Spike Dup (1924026-MSD1)

Source: P906046-01

Prepared: 06/12/19 1 Analyzed: 06/15/19 2

Benzene	4.03	0.0250	mg/kg	5.00	ND	80.5	54.3-133	3.25	20	
Toluene	4.40	0.0250	"	5.00	ND	88.0	61.4-130	2.72	20	
Ethylbenzene	4.38	0.0250	"	5.00	ND	87.7	61.4-133	2.87	20	
p,m-Xylene	9.03	0.0500	"	10.0	ND	90.3	63.3-131	2.69	20	
o-Xylene	4.38	0.0250	"	5.00	ND	87.6	63.3-131	2.88	20	
Total Xylenes	13.4	0.0250	"	15.0	ND	89.4	63.3-131	2.75	20	

Surrogate: 4-Bromochlorobenzene-PID 8.00 " 8.00 100 50-150

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

WPX (Carlsbad)
 5315 Buena Vista Dr
 Carlsbad NM, 88220

 Project Name: Ross Draw Unit #57
 Project Number: 04108-0369
 Project Manager: Kris Rowe

Reported:
 06/18/19 12:51

Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1924034 - DRO Extraction EPA 3570
Blank (1924034-BLK1)

Prepared: 06/13/19 0 Analyzed: 06/18/19 1

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	50.6		"	50.0		101	50-200			

LCS (1924034-BS1)

Prepared: 06/13/19 0 Analyzed: 06/17/19 1

Diesel Range Organics (C10-C28)	451	25.0	mg/kg	500		90.2	38-132			
Surrogate: n-Nonane	47.6		"	50.0		95.3	50-200			

Matrix Spike (1924034-MS1)

Source: P906046-01

Prepared: 06/13/19 0 Analyzed: 06/17/19 1

Diesel Range Organics (C10-C28)	453	25.0	mg/kg	500	43.7	81.8	38-132			
Surrogate: n-Nonane	50.4		"	50.0		101	50-200			

Matrix Spike Dup (1924034-MSD1)

Source: P906046-01

Prepared: 06/13/19 0 Analyzed: 06/17/19 2

Diesel Range Organics (C10-C28)	522	25.0	mg/kg	500	43.7	95.7	38-132	14.2	20	
Surrogate: n-Nonane	50.5		"	50.0		101	50-200			

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

WPX (Carlsbad)
 5315 Buena Vista Dr
 Carlsbad NM, 88220

 Project Name: Ross Draw Unit #57
 Project Number: 04108-0369
 Project Manager: Kris Rowe

Reported:
 06/18/19 12:51

Nonhalogenated Organics by 8015 - GRO - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1924026 - Purge and Trap EPA 5030A
Blank (1924026-BLK1)

Prepared: 06/12/19 1 Analyzed: 06/15/19 1

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.18		"	8.00		102	50-150			

LCS (1924026-BS2)

Prepared: 06/12/19 1 Analyzed: 06/15/19 1

Gasoline Range Organics (C6-C10)	50.2	20.0	mg/kg	50.0		100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.30		"	8.00		104	50-150			

Matrix Spike (1924026-MS2)

Source: P906046-01

Prepared: 06/12/19 1 Analyzed: 06/15/19 2

Gasoline Range Organics (C6-C10)	48.4	20.0	mg/kg	50.0	ND	96.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.06		"	8.00		101	50-150			

Matrix Spike Dup (1924026-MSD2)

Source: P906046-01

Prepared: 06/12/19 1 Analyzed: 06/15/19 2

Gasoline Range Organics (C6-C10)	48.0	20.0	mg/kg	50.0	ND	96.0	70-130	0.955	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.14		"	8.00		102	50-150			

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

WPX (Carlsbad)
 5315 Buena Vista Dr
 Carlsbad NM, 88220

 Project Name: Ross Draw Unit #57
 Project Number: 04108-0369
 Project Manager: Kris Rowe

Reported:
 06/18/19 12:51

Anions by 300.0/9056A - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1924041 - Anion Extraction EPA 300.0/9056A
Blank (1924041-BLK1)

Prepared: 06/13/19 1 Analyzed: 06/13/19 2

Chloride	ND	20.0	mg/kg
----------	----	------	-------

LCS (1924041-BS1)

Prepared: 06/13/19 1 Analyzed: 06/13/19 2

Chloride	274	20.0	mg/kg	250	109	90-110
----------	-----	------	-------	-----	-----	--------

Matrix Spike (1924041-MS1)
Source: P906046-01

Prepared: 06/13/19 1 Analyzed: 06/13/19 2

Chloride	2860	20.0	mg/kg	250	2690	67.8	80-120		SPK1
----------	------	------	-------	-----	------	------	--------	--	------

Matrix Spike Dup (1924041-MSD1)
Source: P906046-01

Prepared: 06/13/19 1 Analyzed: 06/14/19 0

Chloride	3030	20.0	mg/kg	250	2690	137	80-120	5.90	20	SPK1
----------	------	------	-------	-----	------	-----	--------	------	----	------

QC Summary Report
Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

WPX (Carlsbad)
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ross Draw Unit #57
Project Number: 04108-0369
Project Manager: Kris Rowe

Reported:
06/18/19 12:51

Notes and Definitions

SPK1 The spike recovery is outside of quality control limits.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

** Methods marked with ** are non-accredited methods.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



envirotech
Analytical Laboratory

envirotech-inc.com
labadmin@envirotech-inc.com

Page 25 of 25