

October 2013 Potentiometric Map

Location: TR 31-5-697

WPX Energy Rocky Mountain, LLC

Features

Monitoring Well WPX Access Roads

Hydrographic Features

Perennial Stream

Intermittent Stream

PLSS

Township

Section

0 100 200 Feet



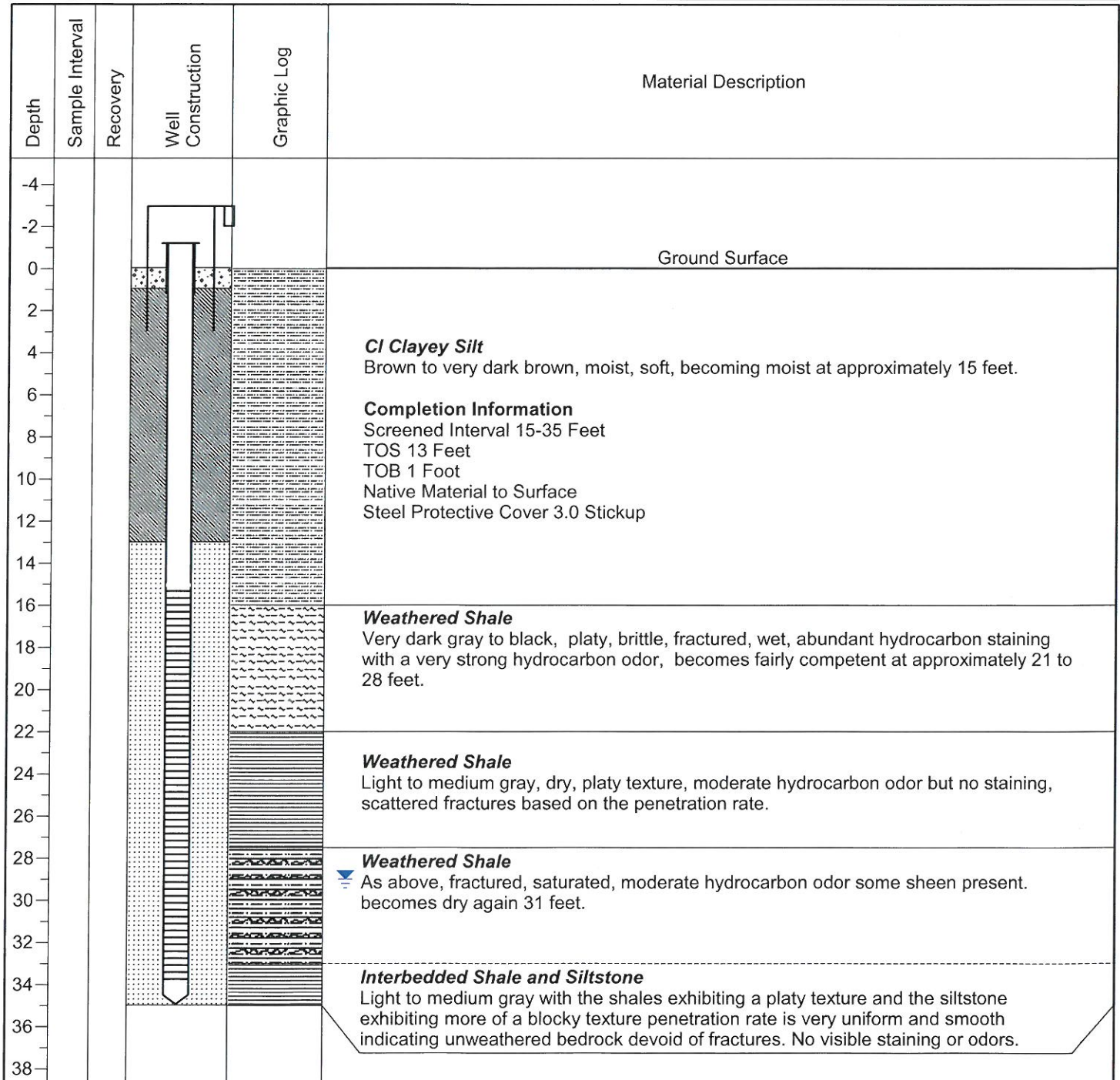
Well Summary

744 Horizon Court, Ste. 140
Grand Junction, CO 81501
970-243-3271

Project: TR 31-5-697 Pit Closure
Location: TR 31-5-697 Well Pad
Date(s): 10/28/2013
Contractor: Himes Drilling
Rig Type: SchrammT-300
Drilling Method: Air Rotary
Sample Type: Cuttings

Well Name: MW-8
Total Depth: 35 Feet
Elevation TOC: 8,287.07 Feet
Elevation Ground: 8,284.8 Feet
Latitude: 39.56097563
Longitude: -108.241499
Logged By: M.E.Mumby

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Well Summary

744 Horizon Court, Ste. 140
Grand Junction, CO 81501
970-243-3271

Project: TR 31-5-697 Pit Closure
Location: TR 31-5-697 Well Pad
Date(s): 10/28/2013
Contractor: Himes Drilling
Rig Type: SchrammT-300
Drilling Method: Air Rotary
Sample Type: Cuttings

Well Name: MW-9
Total Depth: 37 Feet
Elevation TOC: 8,289.65 Feet
Elevation Ground: 8,287.3 Feet
Latitude: 39.56106262
Longitude: -108.241490
Logged By: M.E.Mumby

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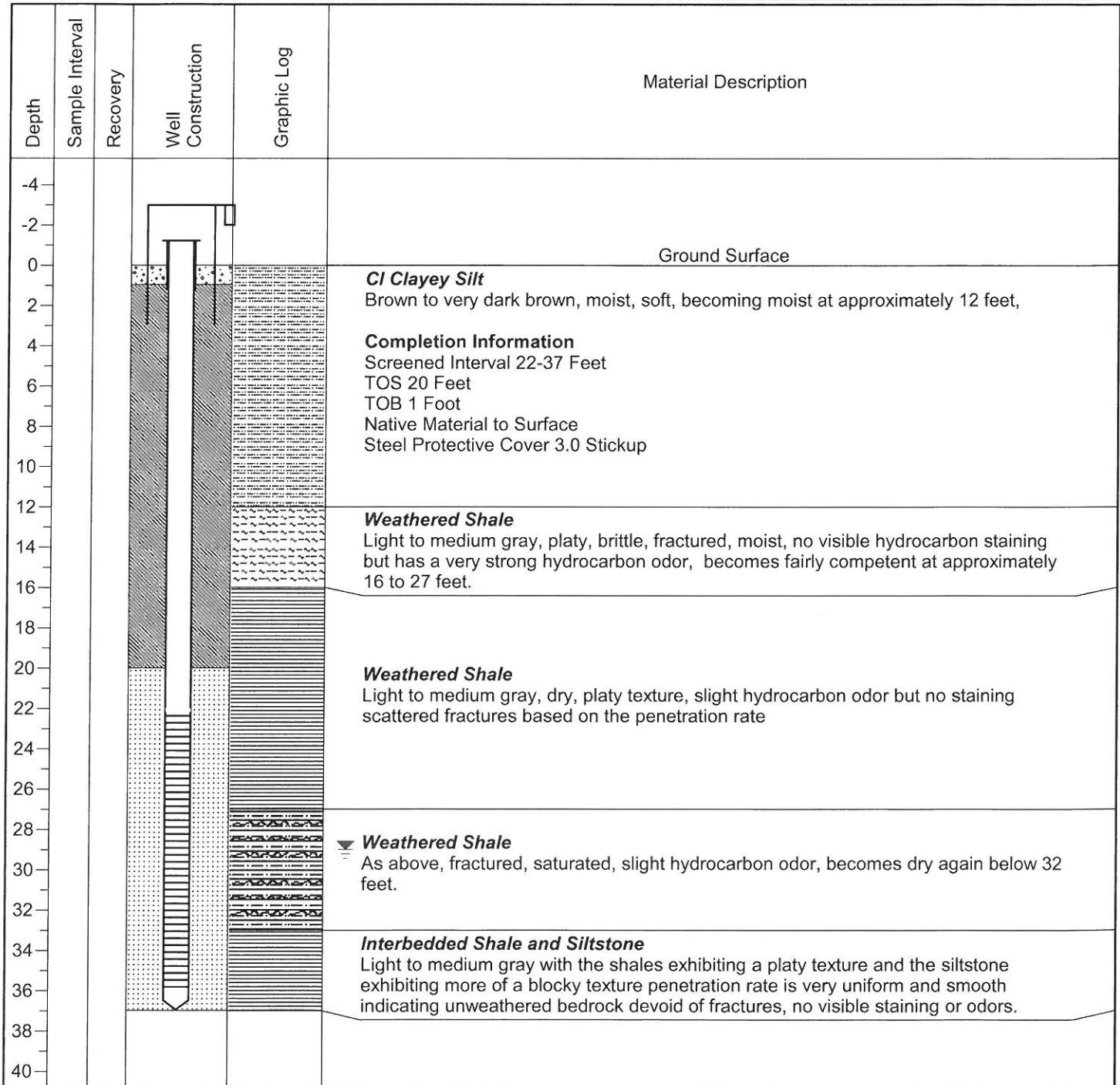


Table 1

TR 31-5-697 Groundwater Analytical Results



Sample ID:		COGCC Table 910-1 Standards	MW 1	MW 1	MW 1	MW 1	MW 1	MW 1	MW 1	MW 1	MW 1	MW 2	MW 2	MW 2	MW 2	MW 2	MW 2	MW 2
Date Sampled:			10/19/2011	4/9/2012	7/12/2012	9/18/2012	12/5/2012	3/27/2013	5/15/2013	7/26/2013	11/8/2013	10/19/2011	4/9/2012	7/12/2012	9/18/2012	12/5/2012	3/27/2013	5/15/2013
Depth to Water (ft.)			22.51	22.07	NT	24.09	24.26	23.65	23.637	24.42	26.2	26.41	25.87	NT	28.35	30.75	28.21	26.64
GC/MS Volatiles (SW846 8260B)																		
DRO	mg/L		0.18	ND	ND	ND	ND	ND	ND	ND	ND	1.1	1.6	ND	3.4	120	39	46
GRO	mg/L		ND	ND	ND	ND	ND	ND	ND	ND	ND	7	4.8	2.5	10	28	21	62
Benzene	ug/l	5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	120	70	98	63	110	150	60
Ethylbenzene	ug/l	700 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	92	58	56	84	590	190	120
Toluene	ug/l	560 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.2	ND	2.6	ND	36	ND	ND
Xylene (total)	ug/l	1400 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,600	1,200	470	1400	17,000	2,800	2,900
GC/MS Semi-volatiles (SW846 8270C)																		
1-Methylnaphthalene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	NR	7.5	ND	ND	ND	230	22	42
2-Chloronaphthalene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	NR	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	NR	13	ND	ND	ND	600	52	110
Acenaphthene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	NR	ND	ND	ND	ND	ND	ND	ND
Anthracene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	NR	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	13	7	ND	5.6	230	23	60
Phenanthrene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	NR	ND	ND	ND	ND	ND	ND	ND
Pyrene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals Analysis																		
Calcium	mg/l		87	64	78	71	68	73	84	76	78	7.7	54	71	46	59	78	99
Iron	mg/l		0.12	ND	1.1	0.55	0.12	1.3	ND	ND	ND	ND	0.13	0.44	0.098	0.2	0.12	0.29
Magnesium	mg/l		43	32	37	34	33	37	42	38	39	39	28	34	29	30	39	50
Manganese	mg/l		ND	ND	0.036	0.024	0.023	1	0.29	0.042	ND	0.95	0.47	0.53	0.092	0.45	0.59	0.7
Potassium	mg/l		1.1	0.64	0.9	0.98	0.74	14	1.1	0.73	0.82	1.2	0.79	1.6	0.66	0.98	1.2	1.5
Sodium	mg/l		68	49	56	74	51	57	59	56	59	85	59	83	150	73	90	82
General Chemistry																		
Bromide	mg/l		0.34	0.28	0.3	0.33	0.26	0.34	0.41	0.33	0.34	0.41	0.34	0.45	0.47	0.47	0.42	0.36
Chloride	mg/l	1.25 x bkgd	42	52	45	47	41	44	57	48	48	53	45	53	61	54	51	53
Nitrogen, Nitrate	mg/l		1.1	1.5	1.1	0.7	0.64	1.2	1.2	0.94	NR	0.047	0.18	ND	ND	ND	0.14	0.044
Nitrogen, Nitrite	mg/l		ND	ND	ND	ND	ND	ND	ND	ND	NR	ND	ND	ND	ND	ND	ND	ND
Nitrogen, Nitrate-Nitrite			1.1	1.5	1.1	0.7	0.64	1.2	1.2	0.94	NR	0.047	0.1	ND	ND	ND	0.14	0.044
Sulfate	mg/l	1.25 x bkgd	130	110	120	130	120	110	120	120	110	67	74	26	35	28	24	41
Fluoride	mg/l		0.19	0.17	0.24	0.18	0.16	0.19	0.16	0.13	0.17	0.19	0.18	0.27	0.21	0.2	0.18	0.16
TDS	mg/l	1.25 x bkgd	652	624	NT	601	575	563	586	602	660	618	627	NT	640	607	605	601

Table 1

TR 31-5-697 Groundwater Analytical Results



Sample ID:		COGCC Table 910-1 Standards	MW 2	MW 2	MW 3	MW 3	MW 3	MW 3	MW 3	MW 3	MW 3	MW 3	MW 3	MW 4	MW 4	MW 4	MW 4	MW 4
Date Sampled:			7/11/2013	11/8/2013	10/19/2011	4/9/2012	7/12/2012	9/18/2012	12/5/2012	3/27/2013	5/15/2013	7/11/2013	11/8/2013	10/19/2011	4/9/2012	7/12/2012	9/18/2012	12/5/2012
Depth to Water (ft.)			29.48	30.48	33.38	33.02	NT	33.04	34.3	32.74	30.31	32.64	33.98	28.83	27.56	NT	32.74	33.02
GC/MS Volatiles (SW846 8260B)																		
DRO	mg/L		22	210	40	1.1	ND	1.5	2	69	7.6	5.4	13	3.1	0.9	7.3	0.87	1.3
GRO	mg/L		9.5	8.6	4.8	3	1.4	1.8	1.7	1.9	1.4	1.6	1.2	4.7	2.3	1.6	1.1	0.34
Benzene	ug/l	5 ug/l	37	54	55	25	8.1	4.4	ND	4.1	1.3	ND	5.4	67	17	27	16	9
Ethylbenzene	ug/l	700 ug/l	61	40	97	95	28	12	7.1	12	8.6	3.9	ND	96	72	44	13	2.4
Toluene	ug/l	560 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene (total)	ug/l	1400 ug/l	1,000	2,400	600	520	140	100	84	100	29	22	3.6	470	160	130	44	7.8
GC/MS Semi-volatiles (SW846 8270C)																		
1-Methylnaphthalene	ug/l		29	NR	ND	ND	ND	ND	5.7	17	ND	ND	NR	6.6	ND	ND	ND	ND
2-Chloronaphthalene	ug/l		ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	NR	ND	ND	ND	ND	ND
2-Methylnaphthalene	ug/l		77	NR	ND	ND	ND	ND	11	10	5.7	ND	NR	8.4	ND	ND	ND	ND
Acenaphthene	ug/l		11	ND	ND	ND	ND	ND	ND	5.7	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ug/l		ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	NR	ND	ND	ND	ND	ND
Anthracene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	ug/l		ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	NR	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ug/l		19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.9	ND	ND	ND	ND
Phenanthrene	ug/l		ND	NR	ND	ND	ND	ND	ND	ND	ND	ND	NR	ND	ND	ND	ND	ND
Pyrene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals Analysis																		
Calcium	mg/l		79	86	79	99	87	75	69	870	110	83	87	78	74	79	80	68
Iron	mg/l		0.37	0.71	0.12	1.1	0.53	0.64	0.18	4	0.22	ND	ND	ND	ND	0.17	ND	0.091
Magnesium	mg/l		41	46	37	42	36	35	33	410	50	40	42	37	34	35	34	31
Manganese	mg/l		0.46	0.62	1.7	3.2	1.9	0.61	2.5	6.1	1.4	0.68	0.68	1.7	1.6	1.8	0.92	1.3
Potassium	mg/l		1.3	1.2	1.1	1.6	1.7	1	0.74	9.7	1.2	0.88	0.89	1.1	0.84	0.98	0.79	0.77
Sodium	mg/l		83	89	89	130	81	59	52	73	88	61	72	100	87	82	100	71
General Chemistry																		
Bromide	mg/l		0.45	0.38	0.55	2.5	0.68	0.36	0.31	0.52	1	0.37	0.56	0.47	0.84	0.38	0.48	0.45
Chloride	mg/l	1.25 x bkgd	58	50	72	300	95	45	38	61	130	51	68	63	75	64	61	52
Nitrogen, Nitrate	mg/l		ND	NR	ND	ND	ND	ND	ND	0.051	0.023	ND	NR	ND	ND	ND	ND	ND
Nitrogen, Nitrite	mg/l		0.038	NR	ND	ND	ND	ND	ND	ND	ND	0.032	NR	ND	ND	ND	ND	ND
Nitrogen, Nitrate-Nitrite			0.038	NR	ND	ND	ND	ND	ND	0.051	0.023	0.032	NR	ND	ND	ND	ND	ND
Sulfate	mg/l	1.25 x bkgd	50	37	61	7.1	39	110	110	73	85	93	61	2.7	10	12	49	49
Fluoride	mg/l		0.14	0.16	0.22	0.15	0.23	0.17	0.16	0.18	0.14	0.11	0.14	0.2	0.18	0.23	0.16	0.16
TDS	mg/l	1.25 x bkgd	721	820	640	1,190	NT	603	581	621	620	699	925	623	689	NT	634	601

Table 1

TR 31-5-697 Groundwater Analytical Results



Sample ID:		COGCC	MW 4	MW 4	MW 4	MW 4	MW 5	MW 5	MW 6	MW 6	MW 7	MW 7	MW 8	MW 9
Date Sampled:		Table 910-1 Standards	3/27/2013	5/15/2013	7/11/2013	7/11/2013	7/11/2013	11/8/2013	7/11/2013	7/11/2013	7/11/2013	11/8/2013	11/8/2013	11/8/2013
Depth to Water (ft.)			32.36	31.01	32.48	32.72	29.47	30.46	25.35	25.62	28.42	28.62	22.09	24.42
GC/MS Volatiles (SW846 8260B)														
DRO	mg/L		1.4	1.3	0.65	ND	ND	ND	ND	ND	ND	ND	1.5	3.3
GRO	mg/L		0.9	0.72	0.92	0.27	ND	ND	ND	ND	ND	ND	1.4	11
Benzene	ug/l	5 ug/l	2	13	14	ND	ND	ND	1.5	ND	ND	ND	90	ND
Ethylbenzene	ug/l	700 ug/l	ND	14	15	ND	ND	ND	ND	ND	ND	ND	16	ND
Toluene	ug/l	560 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	26	16
Xylene (total)	ug/l	1400 ug/l	3.2	56	69	ND	ND	ND	18	ND	ND	ND	150	1,800
GC/MS Semi-volatiles (SW846 8270C)														
1-Methylnaphthalene	ug/l		ND	ND	ND	NR	ND	NR	ND	NR	ND	NR	NR	NR
2-Chloronaphthalene	ug/l		ND	ND	ND	NR	ND	NR	ND	NR	ND	NR	NR	NR
2-Methylnaphthalene	ug/l		ND	ND	ND	NR	ND	NR	ND	NR	ND	NR	NR	NR
Acenaphthene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	ug/l		ND	ND	ND	NR	ND	NR	ND	NR	ND	NR	NR	NR
Anthracene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	ug/l		ND	ND	ND	NR	ND	NR	ND	NR	ND	NR	NR	NR
Benzo(k)fluoranthene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	30
Phenanthrene	ug/l		ND	ND	ND	NR	ND	NR	ND	NR	ND	NR	NR	NR
Pyrene	ug/l		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals Analysis														
Calcium	mg/l		910	99	88	83	63	61	76	73	63	71	87	69
Iron	mg/l		1.1	0.17	ND	ND	ND	ND	0.12	ND	ND	ND	ND	ND
Magnesium	mg/l		430	47	41	40	31	30	36	35	31	36	45	36
Manganese	mg/l		17	0.19	1.8	1.5	31	0.064	0.77	0.77	0.032	0.51	1	0.42
Potassium	mg/l		9.1	1.2	0.91	0.84	0.032	1.1	1	0.88	1.2	0.79	1.3	2
Sodium	mg/l		900	92	83	82	69	80	76	83	69	82	82	100
General Chemistry														
Bromide	mg/l		0.55	0.59	0.5	0.47	ND	0.18	0.31	0.34	ND	0.2	0.44	0.58
Chloride	mg/l	1.25 x bkgd	62	84	68	58	17	19	48	43	17	37	51	70
Nitrogen, Nitrate	mg/l		0.05	ND	ND	NR	ND	NR	ND	NR	ND	NR	NR	NR
Nitrogen, Nitrite	mg/l		ND	ND	ND	NR	ND	NR	ND	NR	ND	NR	NR	NR
Nitrogen, Nitrate-Nitrite			0.05	ND	ND	NR	ND	NR	ND	NR	ND	NR	NR	NR
Sulfate	mg/l	1.25 x bkgd	74	21	9.7	24	110	110	53	53	110	47	63	70
Fluoride	mg/l		0.18	0.14	0.11	0.15	0.15	0.17	0.11	0.15	0.15	0.14	0.17	0.27
TDS	mg/l	1.25 x bkgd	605	610	715	730	589	584	625	680	635	658	746	748

Table 2

Field Data

YSI 556 Field Parameters →→			Temperature	Conductivity	Conductivity	Resistivity	TDS	Salinity	Dissolved Oxygen (DO)	Dissolved Oxygen (DO)	pH	pH	ORP	Water Levels
Sample Location	Media	Sampling Date	°C	mS/cm ²	mS/cm	Ω/cm	g/L		%	mg/L		m/V		TOC (ft)
MW-1	Groundwater	10/19/2011	8.88	0.914	0.633	1579.00	0.652	0.450	97.30	11.23	7.91	-64.30	60.3	22.51
MW-1	Groundwater	4/9/2012	8.26	0.965	0.655	1527.50	0.624	0.47	140.20	16.19	7.80	-84.1	-30.30	22.07
MW-1	Groundwater	7/12/2012												
MW-1	Groundwater	9/18/2012	9.84	0.925	0.657	1521.00	0.601	0.46	65.10	7.35	7.67	-37.3	234.00	24.09
MW-1	Groundwater	12/5/2012	7.14	0.885	0.582	1714.90	0.575	0.44	62.00	7.48	7.48	-53.7	138.40	24.26
MW-1	Groundwater	3/27/2013	6.28	0.962	0.624	1659.40	0.563	0.46	67.20	7.95	7.51	-53.8	135.30	23.65
MW-1	Groundwater	5/15/2013	5.36	0.962	0.617	1697.70	0.586	0.49	67.10	7.00	7.69	-53.7	134.90	23.67
MW-1	Groundwater	7/26/2013	9.14	0.926	0.646	1548.30	0.602	0.46	94.70	10.87	7.42	-54.2	120.50	25.85
MW-1	Groundwater	11/8/2013	7.20	1.017	0.671	1489.00	0.660	0.50	NT	12.52	7.18	NT	313.90	26.20
MW-2	Groundwater	10/19/2011	9.35	0.951	0.667	1499.20	0.618	0.47	17.90	2.02	10.39	-188.0	-251.80	26.41
MW-2	Groundwater	4/9/2012	10.73	0.964	0.701	1426.90	0.627	0.48	38.30	4.20	7.24	-54.9	127.80	25.87
MW-2	Groundwater	7/12/2012												
MW-2	Groundwater	9/18/2012	12.77	0.985	0.755	1324.50	0.640	0.49	2.80	0.29	7.72	-40.7	-198.60	28.35
MW-2	Groundwater	12/5/2012	7.13	0.933	0.579	1726.10	0.607	0.46	31.70	4.03	7.80	-69.6	17.50	30.75
MW-2	Groundwater	3/27/2013	6.36	0.932	0.548	1721.30	0.605	0.48	31.85	4.69	7.79	-68.4	-130.50	28.21
MW-2	Groundwater	5/15/2013	5.20	0.913	0.564	1643.40	0.601	0.49	29.30	3.10	7.81	-68.6	-125.00	26.64
MW-2	Groundwater	7/11/2013	10.10	1.111	0.795	1257.60	0.721	0.55	52.70	5.70	7.79	NS	-85.20	29.48
MW-2	Groundwater	11/8/2013	8.78	1.268	0.872	1147.50	0.820	0.63	NT	NT	6.98	NT	-129.40	30.48
MW-3	Groundwater	10/19/2011	8.46	0.985	0.674	1484.40	0.640	0.49	16.20	1.88	9.90	-163.5	-221.50	33.28
MW-3	Groundwater	4/9/2012	10.65	1.834	1.333	750.25	1.190	0.93	29.20	3.15	7.45	-66.0	-143.80	33.02
MW-3	Groundwater	7/12/2012												
MW-3	Groundwater	9/18/2012	13.57	0.928	0.725	1378.90	0.603	0.46	4.50	0.47	7.67	-38.1	-148.80	33.04
MW-3	Groundwater	12/5/2012	7.65	0.894	0.513	1949.12	0.581	0.44	57.00	7.72	7.56	-57.3	32.40	34.30
MW-3	Groundwater	3/27/2013	6.36	0.897	0.525	1886.30	0.621	0.46	36.10	4.97	7.43	-61.7	-112.50	32.74
MW-3	Groundwater	5/15/2013	5.89	0.868	0.534	1786.45	0.620	0.47	31.23	2.95	7.49	-60.3	-107.30	30.31
MW-3	Groundwater	7/11/2013	10.10	1.073	0.768	1301.80	0.699	0.54	46.80	5.00	7.64	NT	-152.40	32.64
MW-3	Groundwater	11/8/2013	7.61	1.423	0.95	1052.60	0.925	0.72	NT	Nt	7.15	NT	-140.90	33.98
MW-4	Groundwater	10/19/2011	7.80	0.958	0.644	1554.20	0.623	0.47	25.10	2.95	9.09	-122.5	-146.20	28.83

Table 2

Field Data

YSI 556 Field Parameters →→			Temperature	Conductivity	Conductivity	Resistivity	TDS	Salinity	Dissolved Oxygen (DO)	Dissolved Oxygen (DO)	pH	pH	ORP	Water Levels
Sample Location	Media	Sampling Date	°C	mS/cm²	mS/cm	Ω/cm	g/L		%	mg/L		m/V		TOC (ft)
MW-4	Groundwater	4/9/2012	10.35	1.06	0.76	1315.70	0.689	0.53	58.60	6.50	7.25	-55.7	-103.90	27.56
MW-4	Groundwater	7/12/2012												
MW-4	Groundwater	9/18/2012	9.84	0.975	0.693	1442.90	0.634	0.48	8.30	0.94	7.75	-41.8	-143.60	32.74
MW-4	Groundwater	12/5/2012	7.80	9.925	0.554	1805.60	0.601	0.45	23.90	3.12	7.71	-65.1	4.90	33.02
MW-4	Groundwater	3/27/2013	6.45	1.003	0.561	1801.90	0.605	0.46	36.31	4.61	7.64	-65.7	-97.30	32.36
MW-4	Groundwater	5/15/2013	5.74	0.978	0.578	1807.70	0.610	0.50	30.14	3.19	7.51	-64.1	-97.20	31.01
MW-4	Groundwater	7/11/2013	8.96	1.1	0.763	1309.20	0.715	0.55	31.70	3.62	7.63	NT	-108.60	32.48
MW-4	Groundwater	11/8/2013	7.08	1.122	0.738	1355.80	0.730	0.56	NT	Nt	7.24	NT	-43.80	32.72
MW-5	Groundwater	7.11.2013	10.35	0.91	0.697	1437.10	0.589	0.45	37.00	3.88	7.74	NT	107.50	29.47
MW-5	Groundwater	11/8/2013	7.58	0.897	0.6	1466.00	0.584	0.44	NT	NT	7.36	NT	143.10	30.46
MW-6	Groundwater	7/11/2013	8.81	0.959	0.67	1495.10	0.625	0.48	28.90	3.33	7.87	NT	-61.80	25.35
MW-6	Groundwater	11/8/2013	6.40	1.054	0.68	1475.60	0.686	0.52	NT	NT	7.50	NT	36.20	25.62
MW-7	Groundwater	7/11/2013	8.40	0.976	0.666	1500.40	0.635	0.48	30.70	3.58	7.86	NT	7.10	28.42
MW-7	Groundwater	11/8/2013	6.63	1.013	0.658	1520.70	0.658	0.50	NT	NT	7.66	NT	195.30	28.62
MW-8	Groundwater	11/8/2013	9.28	1.136	0.796	1256.80	0.746	0.57	NT	NT	7.42	NT	-36.10	22.09
MW-9	Groundwater	11/8/2013	8.25	1.151	0.783	1276.20	0.748	0.57	NT	NT	7.58	NT	16.50	24.42



20-Nov-2013

Mark Mumby
HRL Compliance Solutions
2385 F 1/2 Road
Grand Junction, CO 81505

Re: **WPX TR 31-5 Quarterly 11.8.13**

Work Order: **1311545**

Dear Mark,

ALS Environmental received 9 samples on 09-Nov-2013 09:30 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

Sample results are compliant with NELAP standard requirements and QC results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 38.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Ann Preston".

Electronically approved by: Ann Preston

Ann Preston
Project Manager



Certificate No: MN 532786

Report of Laboratory Analysis

ADDRESS 3352 128th Avenue Holland, Michigan 49424-9263 | PHONE (616) 399-6070 | FAX (616) 399-6185

ALS GROUP USA, CORP Part of the ALS Laboratory Group A Campbell Brothers Limited Company

Environmental 

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

Client: HRL Compliance Solutions
Project: WPX TR 31-5 Quarterly 11.8.13
Work Order: 1311545

Work Order Sample Summary

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
1311545-01	MW 1	Water		11/8/2013 09:15	11/9/2013 09:30	<input type="checkbox"/>
1311545-02	MW 2	Water		11/8/2013 11:36	11/9/2013 09:30	<input type="checkbox"/>
1311545-03	MW 3	Water		11/8/2013 10:55	11/9/2013 09:30	<input type="checkbox"/>
1311545-04	MW 4	Water		11/8/2013 10:40	11/9/2013 09:30	<input type="checkbox"/>
1311545-05	MW 5	Water		11/8/2013 10:25	11/9/2013 09:30	<input type="checkbox"/>
1311545-06	MW 6	Water		11/8/2013 09:58	11/9/2013 09:30	<input type="checkbox"/>
1311545-07	MW 7	Water		11/8/2013 09:38	11/9/2013 09:30	<input type="checkbox"/>
1311545-08	MW 9	Water		11/8/2013 11:10	11/9/2013 09:30	<input type="checkbox"/>
1311545-09	MW 8	Water		11/8/2013 11:25	11/9/2013 09:30	<input type="checkbox"/>

Client: HRL Compliance Solutions
Project: WPX TR 31-5 Quarterly 11.8.13
Work Order: 1311545

Case Narrative

Moved Batch R130362b pH is considered a ""field test"" and, as such, the recommended sample holding time expired prior to sample receipt for all samples in this work order.

Batch R130448 MS/MSD data for GRO is not related to this project's samples. No data requires qualification.

Batch R130674 sample MW 2 MSD recovery for m,p-Xylene was below control limits. Both the MS recovery and RPD met quality control criteria. No data requires qualification.

Batch R130773 sample MW 2 MS/MSD recoveries for Benzene, o-Xylene, m,p-Xylene, and Total Xylenes were below control limits. The corresponding results in the parent sample may be biased low for Benzene and o-Xylene. The amount of m,p-Xylene found in the parent sample was greater than 4x the spiked amount. No qualification is necessary for m,p-Xylene.

Client: HRL Compliance Solutions
Project: WPX TR 31-5 Quarterly 11.8.13
WorkOrder: 1311545

QUALIFIERS, ACRONYMS, UNITS

<u>Qualifier</u>	<u>Description</u>
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte is present at an estimated concentration between the MDL and Report Limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

<u>Acronym</u>	<u>Description</u>
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection (see MDL)
LOQ	Limit of Quantitation (see PQL)
MBLK	Method Blank
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
TDL	Target Detection Limit
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

<u>Units Reported</u>	<u>Description</u>
µg/L	Micrograms per Liter
mg/L	Milligrams per Liter
s.u.	Standard Units

ALS Group USA, Corp

Date: 20-Nov-13

Client: HRL Compliance Solutions

Project: WPX TR 31-5 Quarterly 11.8.13

Sample ID: MW 1

Collection Date: 11/8/2013 09:15 AM

Work Order: 1311545

Lab ID: 1311545-01

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID						
			SW8015M		Prep Date: 11/12/2013	Analyst: CW
DRO (C10-C28)	ND		0.10	mg/L	1	11/12/2013 01:32 PM
Surr: 4-Terphenyl-d14	57.8		21-90	%REC	1	11/12/2013 01:32 PM
GASOLINE RANGE ORGANICS BY GC-FID						
			SW8015			Analyst: CW
GRO (C6-C10)	ND		0.20	mg/L	1	11/12/2013 06:34 PM
Surr: Toluene-d8	109		70-130	%REC	1	11/12/2013 06:34 PM
METALS BY ICP-MS (DISSOLVED)						
			SW6020A			Analyst: CES
Calcium	78		0.50	mg/L	1	11/15/2013 08:28 PM
Iron	ND		0.080	mg/L	1	11/15/2013 08:28 PM
Magnesium	39		0.20	mg/L	1	11/15/2013 08:28 PM
Manganese	ND		0.0050	mg/L	1	11/15/2013 08:28 PM
Potassium	0.82		0.20	mg/L	1	11/15/2013 08:28 PM
Sodium	59		0.20	mg/L	1	11/15/2013 08:28 PM
SEMI-VOLATILE ORGANIC COMPOUNDS						
			SW8270		Prep Date: 11/12/2013	Analyst: RM
Acenaphthene	ND		5.0	µg/L	1	11/14/2013 09:36 PM
Anthracene	ND		5.0	µg/L	1	11/14/2013 09:36 PM
Benzo(a)anthracene	ND		5.0	µg/L	1	11/14/2013 09:36 PM
Benzo(a)pyrene	ND		5.0	µg/L	1	11/14/2013 09:36 PM
Benzo(b)fluoranthene	ND		5.0	µg/L	1	11/14/2013 09:36 PM
Benzo(k)fluoranthene	ND		5.0	µg/L	1	11/14/2013 09:36 PM
Chrysene	ND		5.0	µg/L	1	11/14/2013 09:36 PM
Dibenzo(a,h)anthracene	ND		5.0	µg/L	1	11/14/2013 09:36 PM
Fluoranthene	ND		5.0	µg/L	1	11/14/2013 09:36 PM
Fluorene	ND		5.0	µg/L	1	11/14/2013 09:36 PM
Indeno(1,2,3-cd)pyrene	ND		5.0	µg/L	1	11/14/2013 09:36 PM
Naphthalene	ND		5.0	µg/L	1	11/14/2013 09:36 PM
Pyrene	ND		5.0	µg/L	1	11/14/2013 09:36 PM
Surr: 2-Fluorobiphenyl	76.9		20-140	%REC	1	11/14/2013 09:36 PM
Surr: 4-Terphenyl-d14	111		22-172	%REC	1	11/14/2013 09:36 PM
Surr: Nitrobenzene-d5	112		8-140	%REC	1	11/14/2013 09:36 PM
VOLATILE ORGANIC COMPOUNDS						
			SW8260			Analyst: BG
Benzene	ND		1.0	µg/L	1	11/18/2013 04:43 AM
Ethylbenzene	ND		1.0	µg/L	1	11/18/2013 04:43 AM
m,p-Xylene	ND		2.0	µg/L	1	11/18/2013 04:43 AM
o-Xylene	ND		1.0	µg/L	1	11/18/2013 04:43 AM
Toluene	ND		1.0	µg/L	1	11/18/2013 04:43 AM
Xylenes, Total	ND		3.0	µg/L	1	11/18/2013 04:43 AM
Surr: 1,2-Dichloroethane-d4	94.2		70-120	%REC	1	11/18/2013 04:43 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: 20-Nov-13

Client: HRL Compliance Solutions

Project: WPX TR 31-5 Quarterly 11.8.13

Sample ID: MW 1

Collection Date: 11/8/2013 09:15 AM

Work Order: 1311545

Lab ID: 1311545-01

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 4-Bromofluorobenzene</i>	100		75-120	%REC	1	11/18/2013 04:43 AM
<i>Surr: Dibromofluoromethane</i>	89.6		85-115	%REC	1	11/18/2013 04:43 AM
<i>Surr: Toluene-d8</i>	93.1		85-120	%REC	1	11/18/2013 04:43 AM
ANIONS BY ION CHROMATOGRAPHY			SW9056			Analyst: ED
Bromide	0.34		0.10	mg/L	1	11/15/2013 01:13 AM
Chloride	48		10	mg/L	10	11/15/2013 01:33 AM
Fluoride	0.17		0.10	mg/L	1	11/15/2013 01:13 AM
Sulfate	110		10	mg/L	10	11/15/2013 01:33 AM
PH			SW9040			Analyst: KF
pH (laboratory)	7.18	H		s.u.	1	11/12/2013 10:30 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: 20-Nov-13

Client: HRL Compliance Solutions

Project: WPX TR 31-5 Quarterly 11.8.13

Sample ID: MW 2

Collection Date: 11/8/2013 11:36 AM

Work Order: 1311545

Lab ID: 1311545-02

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID						
			SW8015M		Prep Date: 11/12/2013	Analyst: CW
DRO (C10-C28)	210		0.50	mg/L	5	11/13/2013 04:31 PM
Surr: 4-Terphenyl-d14	86.7		21-90	%REC	5	11/13/2013 04:31 PM
GASOLINE RANGE ORGANICS BY GC-FID						
			SW8015			Analyst: CW
GRO (C6-C10)	8.6		1.0	mg/L	5	11/13/2013 02:54 AM
Surr: Toluene-d8	98.7		70-130	%REC	5	11/13/2013 02:54 AM
METALS BY ICP-MS (DISSOLVED)						
			SW6020A			Analyst: CES
Calcium	86		0.50	mg/L	1	11/15/2013 08:44 PM
Iron	0.71		0.080	mg/L	1	11/15/2013 08:44 PM
Magnesium	46		0.20	mg/L	1	11/15/2013 08:44 PM
Manganese	0.62		0.0050	mg/L	1	11/15/2013 08:44 PM
Potassium	1.2		0.20	mg/L	1	11/15/2013 08:44 PM
Sodium	89		0.20	mg/L	1	11/15/2013 08:44 PM
SEMI-VOLATILE ORGANIC COMPOUNDS						
			SW8270		Prep Date: 11/12/2013	Analyst: RM
Acenaphthene	ND		5.0	µg/L	1	11/14/2013 10:28 PM
Anthracene	ND		5.0	µg/L	1	11/14/2013 10:28 PM
Benzo(a)anthracene	ND		5.0	µg/L	1	11/14/2013 10:28 PM
Benzo(a)pyrene	ND		5.0	µg/L	1	11/14/2013 10:28 PM
Benzo(b)fluoranthene	ND		5.0	µg/L	1	11/14/2013 10:28 PM
Benzo(k)fluoranthene	ND		5.0	µg/L	1	11/14/2013 10:28 PM
Chrysene	ND		5.0	µg/L	1	11/14/2013 10:28 PM
Dibenzo(a,h)anthracene	ND		5.0	µg/L	1	11/14/2013 10:28 PM
Fluoranthene	ND		5.0	µg/L	1	11/14/2013 10:28 PM
Fluorene	ND		5.0	µg/L	1	11/14/2013 10:28 PM
Indeno(1,2,3-cd)pyrene	ND		5.0	µg/L	1	11/14/2013 10:28 PM
Naphthalene	ND		5.0	µg/L	1	11/14/2013 10:28 PM
Pyrene	ND		5.0	µg/L	1	11/14/2013 10:28 PM
Surr: 2-Fluorobiphenyl	125		20-140	%REC	1	11/14/2013 10:28 PM
Surr: 4-Terphenyl-d14	116		22-172	%REC	1	11/14/2013 10:28 PM
Surr: Nitrobenzene-d5	121		8-140	%REC	1	11/14/2013 10:28 PM
VOLATILE ORGANIC COMPOUNDS						
			SW8260			Analyst: RS
Benzene	54		10	µg/L	10	11/19/2013 02:42 AM
Ethylbenzene	40		10	µg/L	10	11/19/2013 02:42 AM
m,p-Xylene	2,200		100	µg/L	50	11/18/2013 07:11 AM
o-Xylene	130		10	µg/L	10	11/19/2013 02:42 AM
Toluene	ND		10	µg/L	10	11/19/2013 02:42 AM
Xylenes, Total	2,400		150	µg/L	50	11/18/2013 07:11 AM
Surr: 1,2-Dichloroethane-d4	100		70-120	%REC	10	11/19/2013 02:42 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: 20-Nov-13

Client: HRL Compliance Solutions

Project: WPX TR 31-5 Quarterly 11.8.13

Sample ID: MW 2

Collection Date: 11/8/2013 11:36 AM

Work Order: 1311545

Lab ID: 1311545-02

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 1,2-Dichloroethane-d4	95.4		70-120	%REC	50	11/18/2013 07:11 AM
Surr: 4-Bromofluorobenzene	97.1		75-120	%REC	10	11/19/2013 02:42 AM
Surr: 4-Bromofluorobenzene	98.6		75-120	%REC	50	11/18/2013 07:11 AM
Surr: Dibromofluoromethane	104		85-115	%REC	10	11/19/2013 02:42 AM
Surr: Dibromofluoromethane	86.9		85-115	%REC	50	11/18/2013 07:11 AM
Surr: Toluene-d8	105		85-120	%REC	10	11/19/2013 02:42 AM
Surr: Toluene-d8	98.6		85-120	%REC	50	11/18/2013 07:11 AM
ANIONS BY ION CHROMATOGRAPHY			SW9056			Analyst: ED
Bromide	0.38		0.10	mg/L	1	11/15/2013 01:53 AM
Chloride	50		10	mg/L	10	11/15/2013 02:14 AM
Fluoride	0.16		0.10	mg/L	1	11/15/2013 01:53 AM
Sulfate	37		10	mg/L	10	11/15/2013 02:14 AM
PH			SW9040			Analyst: KF
pH (laboratory)	6.98	H		s.u.	1	11/12/2013 10:30 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: 20-Nov-13

Client: HRL Compliance Solutions

Project: WPX TR 31-5 Quarterly 11.8.13

Sample ID: MW 3

Collection Date: 11/8/2013 10:55 AM

Work Order: 1311545

Lab ID: 1311545-03

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID						
			SW8015M		Prep Date: 11/12/2013	Analyst: CW
DRO (C10-C28)	13		0.10	mg/L	1	11/12/2013 03:30 PM
Surr: 4-Terphenyl-d14	58.0		21-90	%REC	1	11/12/2013 03:30 PM
GASOLINE RANGE ORGANICS BY GC-FID						
			SW8015			Analyst: CW
GRO (C6-C10)	1.2		0.20	mg/L	1	11/13/2013 02:04 AM
Surr: Toluene-d8	111		70-130	%REC	1	11/13/2013 02:04 AM
METALS BY ICP-MS (DISSOLVED)						
			SW6020A			Analyst: CES
Calcium	87		0.50	mg/L	1	11/15/2013 08:50 PM
Iron	ND		0.080	mg/L	1	11/15/2013 08:50 PM
Magnesium	42		0.20	mg/L	1	11/15/2013 08:50 PM
Manganese	0.68		0.0050	mg/L	1	11/15/2013 08:50 PM
Potassium	0.89		0.20	mg/L	1	11/15/2013 08:50 PM
Sodium	72		0.20	mg/L	1	11/15/2013 08:50 PM
SEMI-VOLATILE ORGANIC COMPOUNDS						
			SW8270		Prep Date: 11/12/2013	Analyst: RM
Acenaphthene	ND		5.0	µg/L	1	11/14/2013 10:54 PM
Anthracene	ND		5.0	µg/L	1	11/14/2013 10:54 PM
Benzo(a)anthracene	ND		5.0	µg/L	1	11/14/2013 10:54 PM
Benzo(a)pyrene	ND		5.0	µg/L	1	11/14/2013 10:54 PM
Benzo(b)fluoranthene	ND		5.0	µg/L	1	11/14/2013 10:54 PM
Benzo(k)fluoranthene	ND		5.0	µg/L	1	11/14/2013 10:54 PM
Chrysene	ND		5.0	µg/L	1	11/14/2013 10:54 PM
Dibenzo(a,h)anthracene	ND		5.0	µg/L	1	11/14/2013 10:54 PM
Fluoranthene	ND		5.0	µg/L	1	11/14/2013 10:54 PM
Fluorene	ND		5.0	µg/L	1	11/14/2013 10:54 PM
Indeno(1,2,3-cd)pyrene	ND		5.0	µg/L	1	11/14/2013 10:54 PM
Naphthalene	ND		5.0	µg/L	1	11/14/2013 10:54 PM
Pyrene	ND		5.0	µg/L	1	11/14/2013 10:54 PM
Surr: 2-Fluorobiphenyl	95.4		20-140	%REC	1	11/14/2013 10:54 PM
Surr: 4-Terphenyl-d14	119		22-172	%REC	1	11/14/2013 10:54 PM
Surr: Nitrobenzene-d5	131		8-140	%REC	1	11/14/2013 10:54 PM
VOLATILE ORGANIC COMPOUNDS						
			SW8260			Analyst: BG
Benzene	5.4		1.0	µg/L	1	11/18/2013 06:47 AM
Ethylbenzene	ND		1.0	µg/L	1	11/18/2013 06:47 AM
m,p-Xylene	2.8		2.0	µg/L	1	11/18/2013 06:47 AM
o-Xylene	ND		1.0	µg/L	1	11/18/2013 06:47 AM
Toluene	ND		1.0	µg/L	1	11/18/2013 06:47 AM
Xylenes, Total	3.6		3.0	µg/L	1	11/18/2013 06:47 AM
Surr: 1,2-Dichloroethane-d4	93.2		70-120	%REC	1	11/18/2013 06:47 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: 20-Nov-13

Client: HRL Compliance Solutions

Project: WPX TR 31-5 Quarterly 11.8.13

Sample ID: MW 3

Collection Date: 11/8/2013 10:55 AM

Work Order: 1311545

Lab ID: 1311545-03

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 4-Bromofluorobenzene</i>	109		75-120	%REC	1	11/18/2013 06:47 AM
<i>Surr: Dibromofluoromethane</i>	88.8		85-115	%REC	1	11/18/2013 06:47 AM
<i>Surr: Toluene-d8</i>	112		85-120	%REC	1	11/18/2013 06:47 AM
ANIONS BY ION CHROMATOGRAPHY			SW9056			Analyst: ED
Bromide	0.56		0.10	mg/L	1	11/15/2013 02:34 AM
Chloride	68		10	mg/L	10	11/15/2013 02:54 AM
Fluoride	0.14		0.10	mg/L	1	11/15/2013 02:34 AM
Sulfate	61		10	mg/L	10	11/15/2013 02:54 AM
PH			SW9040			Analyst: KF
pH (laboratory)	7.15	H		s.u.	1	11/12/2013 10:30 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: 20-Nov-13

Client: HRL Compliance Solutions

Project: WPX TR 31-5 Quarterly 11.8.13

Sample ID: MW 4

Collection Date: 11/8/2013 10:40 AM

Work Order: 1311545

Lab ID: 1311545-04

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID						
			SW8015M		Prep Date: 11/12/2013	Analyst: CW
DRO (C10-C28)	ND		0.10	mg/L	1	11/12/2013 04:00 PM
Surr: 4-Terphenyl-d14	58.2		21-90	%REC	1	11/12/2013 04:00 PM
GASOLINE RANGE ORGANICS BY GC-FID						
			SW8015			Analyst: CW
GRO (C6-C10)	0.27		0.20	mg/L	1	11/13/2013 01:41 AM
Surr: Toluene-d8	111		70-130	%REC	1	11/13/2013 01:41 AM
METALS BY ICP-MS (DISSOLVED)						
			SW6020A			Analyst: CES
Calcium	83		0.50	mg/L	1	11/15/2013 08:56 PM
Iron	ND		0.080	mg/L	1	11/15/2013 08:56 PM
Magnesium	40		0.20	mg/L	1	11/15/2013 08:56 PM
Manganese	1.5		0.0050	mg/L	1	11/15/2013 08:56 PM
Potassium	0.84		0.20	mg/L	1	11/15/2013 08:56 PM
Sodium	82		0.20	mg/L	1	11/15/2013 08:56 PM
SEMI-VOLATILE ORGANIC COMPOUNDS						
			SW8270		Prep Date: 11/12/2013	Analyst: RM
Acenaphthene	ND		5.0	µg/L	1	11/14/2013 11:21 PM
Anthracene	ND		5.0	µg/L	1	11/14/2013 11:21 PM
Benzo(a)anthracene	ND		5.0	µg/L	1	11/14/2013 11:21 PM
Benzo(a)pyrene	ND		5.0	µg/L	1	11/14/2013 11:21 PM
Benzo(b)fluoranthene	ND		5.0	µg/L	1	11/14/2013 11:21 PM
Benzo(k)fluoranthene	ND		5.0	µg/L	1	11/14/2013 11:21 PM
Chrysene	ND		5.0	µg/L	1	11/14/2013 11:21 PM
Dibenzo(a,h)anthracene	ND		5.0	µg/L	1	11/14/2013 11:21 PM
Fluoranthene	ND		5.0	µg/L	1	11/14/2013 11:21 PM
Fluorene	ND		5.0	µg/L	1	11/14/2013 11:21 PM
Indeno(1,2,3-cd)pyrene	ND		5.0	µg/L	1	11/14/2013 11:21 PM
Naphthalene	ND		5.0	µg/L	1	11/14/2013 11:21 PM
Pyrene	ND		5.0	µg/L	1	11/14/2013 11:21 PM
Surr: 2-Fluorobiphenyl	75.7		20-140	%REC	1	11/14/2013 11:21 PM
Surr: 4-Terphenyl-d14	112		22-172	%REC	1	11/14/2013 11:21 PM
Surr: Nitrobenzene-d5	109		8-140	%REC	1	11/14/2013 11:21 PM
VOLATILE ORGANIC COMPOUNDS						
			SW8260			Analyst: BG
Benzene	ND		1.0	µg/L	1	11/18/2013 05:08 AM
Ethylbenzene	ND		1.0	µg/L	1	11/18/2013 05:08 AM
m,p-Xylene	ND		2.0	µg/L	1	11/18/2013 05:08 AM
o-Xylene	ND		1.0	µg/L	1	11/18/2013 05:08 AM
Toluene	ND		1.0	µg/L	1	11/18/2013 05:08 AM
Xylenes, Total	ND		3.0	µg/L	1	11/18/2013 05:08 AM
Surr: 1,2-Dichloroethane-d4	94.2		70-120	%REC	1	11/18/2013 05:08 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: 20-Nov-13

Client: HRL Compliance Solutions

Project: WPX TR 31-5 Quarterly 11.8.13

Sample ID: MW 4

Collection Date: 11/8/2013 10:40 AM

Work Order: 1311545

Lab ID: 1311545-04

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 4-Bromofluorobenzene	98.8		75-120	%REC	1	11/18/2013 05:08 AM
Surr: Dibromofluoromethane	90.0		85-115	%REC	1	11/18/2013 05:08 AM
Surr: Toluene-d8	91.8		85-120	%REC	1	11/18/2013 05:08 AM
ANIONS BY ION CHROMATOGRAPHY			SW9056			Analyst: ED
Bromide	0.47		0.10	mg/L	1	11/15/2013 03:14 AM
Chloride	58		10	mg/L	10	11/15/2013 03:34 AM
Fluoride	0.15		0.10	mg/L	1	11/15/2013 03:14 AM
Sulfate	24		10	mg/L	10	11/15/2013 03:34 AM
PH			SW9040			Analyst: KF
pH (laboratory)	7.24	H		s.u.	1	11/12/2013 10:30 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: 20-Nov-13

Client: HRL Compliance Solutions

Project: WPX TR 31-5 Quarterly 11.8.13

Sample ID: MW 5

Collection Date: 11/8/2013 10:25 AM

Work Order: 1311545

Lab ID: 1311545-05

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID						
			SW8015M		Prep Date: 11/12/2013	Analyst: CW
DRO (C10-C28)	ND		0.10	mg/L	1	11/12/2013 05:00 PM
Surr: 4-Terphenyl-d14	56.3		21-90	%REC	1	11/12/2013 05:00 PM
GASOLINE RANGE ORGANICS BY GC-FID						
			SW8015			Analyst: CW
GRO (C6-C10)	ND		0.20	mg/L	1	11/12/2013 07:00 PM
Surr: Toluene-d8	112		70-130	%REC	1	11/12/2013 07:00 PM
METALS BY ICP-MS (DISSOLVED)						
			SW6020A			Analyst: CES
Calcium	61		0.50	mg/L	1	11/15/2013 09:18 PM
Iron	ND		0.080	mg/L	1	11/15/2013 09:18 PM
Magnesium	30		0.20	mg/L	1	11/15/2013 09:18 PM
Manganese	0.064		0.0050	mg/L	1	11/15/2013 09:18 PM
Potassium	1.1		0.20	mg/L	1	11/15/2013 09:18 PM
Sodium	80		0.20	mg/L	1	11/15/2013 09:18 PM
SEMI-VOLATILE ORGANIC COMPOUNDS						
			SW8270		Prep Date: 11/12/2013	Analyst: RM
Acenaphthene	ND		5.0	µg/L	1	11/14/2013 11:47 PM
Anthracene	ND		5.0	µg/L	1	11/14/2013 11:47 PM
Benzo(a)anthracene	ND		5.0	µg/L	1	11/14/2013 11:47 PM
Benzo(a)pyrene	ND		5.0	µg/L	1	11/14/2013 11:47 PM
Benzo(b)fluoranthene	ND		5.0	µg/L	1	11/14/2013 11:47 PM
Benzo(k)fluoranthene	ND		5.0	µg/L	1	11/14/2013 11:47 PM
Chrysene	ND		5.0	µg/L	1	11/14/2013 11:47 PM
Dibenzo(a,h)anthracene	ND		5.0	µg/L	1	11/14/2013 11:47 PM
Fluoranthene	ND		5.0	µg/L	1	11/14/2013 11:47 PM
Fluorene	ND		5.0	µg/L	1	11/14/2013 11:47 PM
Indeno(1,2,3-cd)pyrene	ND		5.0	µg/L	1	11/14/2013 11:47 PM
Naphthalene	ND		5.0	µg/L	1	11/14/2013 11:47 PM
Pyrene	ND		5.0	µg/L	1	11/14/2013 11:47 PM
Surr: 2-Fluorobiphenyl	73.3		20-140	%REC	1	11/14/2013 11:47 PM
Surr: 4-Terphenyl-d14	110		22-172	%REC	1	11/14/2013 11:47 PM
Surr: Nitrobenzene-d5	108		8-140	%REC	1	11/14/2013 11:47 PM
VOLATILE ORGANIC COMPOUNDS						
			SW8260			Analyst: BG
Benzene	ND		1.0	µg/L	1	11/18/2013 05:33 AM
Ethylbenzene	ND		1.0	µg/L	1	11/18/2013 05:33 AM
m,p-Xylene	ND		2.0	µg/L	1	11/18/2013 05:33 AM
o-Xylene	ND		1.0	µg/L	1	11/18/2013 05:33 AM
Toluene	ND		1.0	µg/L	1	11/18/2013 05:33 AM
Xylenes, Total	ND		3.0	µg/L	1	11/18/2013 05:33 AM
Surr: 1,2-Dichloroethane-d4	92.2		70-120	%REC	1	11/18/2013 05:33 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: 20-Nov-13

Client: HRL Compliance Solutions

Project: WPX TR 31-5 Quarterly 11.8.13

Sample ID: MW 5

Collection Date: 11/8/2013 10:25 AM

Work Order: 1311545

Lab ID: 1311545-05

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 4-Bromofluorobenzene	97.6		75-120	%REC	1	11/18/2013 05:33 AM
Surr: Dibromofluoromethane	89.4		85-115	%REC	1	11/18/2013 05:33 AM
Surr: Toluene-d8	91.8		85-120	%REC	1	11/18/2013 05:33 AM
ANIONS BY ION CHROMATOGRAPHY			SW9056			Analyst: ED
Bromide	0.18		0.10	mg/L	1	11/15/2013 04:35 AM
Chloride	19		1.0	mg/L	1	11/15/2013 04:35 AM
Fluoride	0.17		0.10	mg/L	1	11/15/2013 04:35 AM
Sulfate	110		10	mg/L	10	11/15/2013 04:55 AM
PH			SW9040			Analyst: KF
pH (laboratory)	7.36	H		s.u.	1	11/12/2013 10:30 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: 20-Nov-13

Client: HRL Compliance Solutions

Project: WPX TR 31-5 Quarterly 11.8.13

Sample ID: MW 6

Collection Date: 11/8/2013 09:58 AM

Work Order: 1311545

Lab ID: 1311545-06

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID						
			SW8015M		Prep Date: 11/12/2013	Analyst: CW
DRO (C10-C28)	ND		0.10	mg/L	1	11/12/2013 05:29 PM
Surr: 4-Terphenyl-d14	57.3		21-90	%REC	1	11/12/2013 05:29 PM
GASOLINE RANGE ORGANICS BY GC-FID						
			SW8015			Analyst: CW
GRO (C6-C10)	ND		0.20	mg/L	1	11/12/2013 07:23 PM
Surr: Toluene-d8	110		70-130	%REC	1	11/12/2013 07:23 PM
METALS BY ICP-MS (DISSOLVED)						
			SW6020A			Analyst: CES
Calcium	73		0.50	mg/L	1	11/15/2013 09:23 PM
Iron	ND		0.080	mg/L	1	11/15/2013 09:23 PM
Magnesium	35		0.20	mg/L	1	11/15/2013 09:23 PM
Manganese	0.77		0.0050	mg/L	1	11/15/2013 09:23 PM
Potassium	0.88		0.20	mg/L	1	11/15/2013 09:23 PM
Sodium	83		0.20	mg/L	1	11/15/2013 09:23 PM
SEMI-VOLATILE ORGANIC COMPOUNDS						
			SW8270		Prep Date: 11/12/2013	Analyst: RM
Acenaphthene	ND		5.0	µg/L	1	11/15/2013 12:13 PM
Anthracene	ND		5.0	µg/L	1	11/15/2013 12:13 PM
Benzo(a)anthracene	ND		5.0	µg/L	1	11/15/2013 12:13 PM
Benzo(a)pyrene	ND		5.0	µg/L	1	11/15/2013 12:13 PM
Benzo(b)fluoranthene	ND		5.0	µg/L	1	11/15/2013 12:13 PM
Benzo(k)fluoranthene	ND		5.0	µg/L	1	11/15/2013 12:13 PM
Chrysene	ND		5.0	µg/L	1	11/15/2013 12:13 PM
Dibenzo(a,h)anthracene	ND		5.0	µg/L	1	11/15/2013 12:13 PM
Fluoranthene	ND		5.0	µg/L	1	11/15/2013 12:13 PM
Fluorene	ND		5.0	µg/L	1	11/15/2013 12:13 PM
Indeno(1,2,3-cd)pyrene	ND		5.0	µg/L	1	11/15/2013 12:13 PM
Naphthalene	ND		5.0	µg/L	1	11/15/2013 12:13 PM
Pyrene	ND		5.0	µg/L	1	11/15/2013 12:13 PM
Surr: 2-Fluorobiphenyl	77.2		20-140	%REC	1	11/15/2013 12:13 PM
Surr: 4-Terphenyl-d14	109		22-172	%REC	1	11/15/2013 12:13 PM
Surr: Nitrobenzene-d5	109		8-140	%REC	1	11/15/2013 12:13 PM
VOLATILE ORGANIC COMPOUNDS						
			SW8260			Analyst: BG
Benzene	ND		1.0	µg/L	1	11/18/2013 05:57 AM
Ethylbenzene	ND		1.0	µg/L	1	11/18/2013 05:57 AM
m,p-Xylene	ND		2.0	µg/L	1	11/18/2013 05:57 AM
o-Xylene	ND		1.0	µg/L	1	11/18/2013 05:57 AM
Toluene	ND		1.0	µg/L	1	11/18/2013 05:57 AM
Xylenes, Total	ND		3.0	µg/L	1	11/18/2013 05:57 AM
Surr: 1,2-Dichloroethane-d4	94.8		70-120	%REC	1	11/18/2013 05:57 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp**Date:** 20-Nov-13**Client:** HRL Compliance Solutions**Project:** WPX TR 31-5 Quarterly 11.8.13**Work Order:** 1311545**Sample ID:** MW 6**Lab ID:** 1311545-06**Collection Date:** 11/8/2013 09:58 AM**Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 4-Bromofluorobenzene</i>	100		75-120	%REC	1	11/18/2013 05:57 AM
<i>Surr: Dibromofluoromethane</i>	92.2		85-115	%REC	1	11/18/2013 05:57 AM
<i>Surr: Toluene-d8</i>	92.3		85-120	%REC	1	11/18/2013 05:57 AM
ANIONS BY ION CHROMATOGRAPHY			SW9056			Analyst: ED
Bromide	0.34		0.10	mg/L	1	11/15/2013 05:16 AM
Chloride	43		10	mg/L	10	11/15/2013 05:36 AM
Fluoride	0.15		0.10	mg/L	1	11/15/2013 05:16 AM
Sulfate	53		10	mg/L	10	11/15/2013 05:36 AM
PH			SW9040			Analyst: KF
pH (laboratory)	7.50	H		s.u.	1	11/12/2013 10:30 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: 20-Nov-13

Client: HRL Compliance Solutions

Project: WPX TR 31-5 Quarterly 11.8.13

Sample ID: MW 7

Collection Date: 11/8/2013 09:38 AM

Work Order: 1311545

Lab ID: 1311545-07

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID						
			SW8015M		Prep Date: 11/12/2013	Analyst: CW
DRO (C10-C28)	ND		0.10	mg/L	1	11/12/2013 05:59 PM
Surr: 4-Terphenyl-d14	58.9		21-90	%REC	1	11/12/2013 05:59 PM
GASOLINE RANGE ORGANICS BY GC-FID						
			SW8015			Analyst: CW
GRO (C6-C10)	ND		0.20	mg/L	1	11/12/2013 07:46 PM
Surr: Toluene-d8	109		70-130	%REC	1	11/12/2013 07:46 PM
METALS BY ICP-MS (DISSOLVED)						
			SW6020A			Analyst: CES
Calcium	71		0.50	mg/L	1	11/15/2013 09:29 PM
Iron	ND		0.080	mg/L	1	11/15/2013 09:29 PM
Magnesium	36		0.20	mg/L	1	11/15/2013 09:29 PM
Manganese	0.51		0.0050	mg/L	1	11/15/2013 09:29 PM
Potassium	0.79		0.20	mg/L	1	11/15/2013 09:29 PM
Sodium	82		0.20	mg/L	1	11/15/2013 09:29 PM
SEMI-VOLATILE ORGANIC COMPOUNDS						
			SW8270		Prep Date: 11/12/2013	Analyst: RM
Acenaphthene	ND		5.0	µg/L	1	11/15/2013 12:39 PM
Anthracene	ND		5.0	µg/L	1	11/15/2013 12:39 PM
Benzo(a)anthracene	ND		5.0	µg/L	1	11/15/2013 12:39 PM
Benzo(a)pyrene	ND		5.0	µg/L	1	11/15/2013 12:39 PM
Benzo(b)fluoranthene	ND		5.0	µg/L	1	11/15/2013 12:39 PM
Benzo(k)fluoranthene	ND		5.0	µg/L	1	11/15/2013 12:39 PM
Chrysene	ND		5.0	µg/L	1	11/15/2013 12:39 PM
Dibenzo(a,h)anthracene	ND		5.0	µg/L	1	11/15/2013 12:39 PM
Fluoranthene	ND		5.0	µg/L	1	11/15/2013 12:39 PM
Fluorene	ND		5.0	µg/L	1	11/15/2013 12:39 PM
Indeno(1,2,3-cd)pyrene	ND		5.0	µg/L	1	11/15/2013 12:39 PM
Naphthalene	ND		5.0	µg/L	1	11/15/2013 12:39 PM
Pyrene	ND		5.0	µg/L	1	11/15/2013 12:39 PM
Surr: 2-Fluorobiphenyl	74.8		20-140	%REC	1	11/15/2013 12:39 PM
Surr: 4-Terphenyl-d14	110		22-172	%REC	1	11/15/2013 12:39 PM
Surr: Nitrobenzene-d5	106		8-140	%REC	1	11/15/2013 12:39 PM
VOLATILE ORGANIC COMPOUNDS						
			SW8260			Analyst: BG
Benzene	ND		1.0	µg/L	1	11/18/2013 06:22 AM
Ethylbenzene	ND		1.0	µg/L	1	11/18/2013 06:22 AM
m,p-Xylene	ND		2.0	µg/L	1	11/18/2013 06:22 AM
o-Xylene	ND		1.0	µg/L	1	11/18/2013 06:22 AM
Toluene	ND		1.0	µg/L	1	11/18/2013 06:22 AM
Xylenes, Total	ND		3.0	µg/L	1	11/18/2013 06:22 AM
Surr: 1,2-Dichloroethane-d4	95.5		70-120	%REC	1	11/18/2013 06:22 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: 20-Nov-13

Client: HRL Compliance Solutions

Project: WPX TR 31-5 Quarterly 11.8.13

Sample ID: MW 7

Collection Date: 11/8/2013 09:38 AM

Work Order: 1311545

Lab ID: 1311545-07

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 4-Bromofluorobenzene	99.8		75-120	%REC	1	11/18/2013 06:22 AM
Surr: Dibromofluoromethane	89.9		85-115	%REC	1	11/18/2013 06:22 AM
Surr: Toluene-d8	92.4		85-120	%REC	1	11/18/2013 06:22 AM
ANIONS BY ION CHROMATOGRAPHY			SW9056			Analyst: ED
Bromide	0.29		0.10	mg/L	1	11/15/2013 05:56 AM
Chloride	37		10	mg/L	10	11/15/2013 06:16 AM
Fluoride	0.14		0.10	mg/L	1	11/15/2013 05:56 AM
Sulfate	47		10	mg/L	10	11/15/2013 06:16 AM
PH			SW9040			Analyst: KF
pH (laboratory)	7.66	H		s.u.	1	11/12/2013 10:30 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: 20-Nov-13

Client: HRL Compliance Solutions

Project: WPX TR 31-5 Quarterly 11.8.13

Sample ID: MW 9

Collection Date: 11/8/2013 11:10 AM

Work Order: 1311545

Lab ID: 1311545-08

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID						
			SW8015M		Prep Date: 11/12/2013	Analyst: CW
DRO (C10-C28)	3.3		0.10	mg/L	1	11/12/2013 06:29 PM
Surr: 4-Terphenyl-d14	59.8		21-90	%REC	1	11/12/2013 06:29 PM
GASOLINE RANGE ORGANICS BY GC-FID						
			SW8015			Analyst: CW
GRO (C6-C10)	11		0.20	mg/L	1	11/13/2013 03:18 AM
Surr: Toluene-d8	115		70-130	%REC	1	11/13/2013 03:18 AM
METALS BY ICP-MS (DISSOLVED)						
			SW6020A			Analyst: CES
Calcium	69		0.50	mg/L	1	11/15/2013 09:34 PM
Iron	ND		0.080	mg/L	1	11/15/2013 09:34 PM
Magnesium	36		0.20	mg/L	1	11/15/2013 09:34 PM
Manganese	0.42		0.0050	mg/L	1	11/15/2013 09:34 PM
Potassium	2.0		0.20	mg/L	1	11/15/2013 09:34 PM
Sodium	100		0.20	mg/L	1	11/15/2013 09:34 PM
SEMI-VOLATILE ORGANIC COMPOUNDS						
			SW8270		Prep Date: 11/12/2013	Analyst: RM
Acenaphthene	ND		5.0	µg/L	1	11/15/2013 01:06 AM
Anthracene	ND		5.0	µg/L	1	11/15/2013 01:06 AM
Benzo(a)anthracene	ND		5.0	µg/L	1	11/15/2013 01:06 AM
Benzo(a)pyrene	ND		5.0	µg/L	1	11/15/2013 01:06 AM
Benzo(b)fluoranthene	ND		5.0	µg/L	1	11/15/2013 01:06 AM
Benzo(k)fluoranthene	ND		5.0	µg/L	1	11/15/2013 01:06 AM
Chrysene	ND		5.0	µg/L	1	11/15/2013 01:06 AM
Dibenzo(a,h)anthracene	ND		5.0	µg/L	1	11/15/2013 01:06 AM
Fluoranthene	ND		5.0	µg/L	1	11/15/2013 01:06 AM
Fluorene	ND		5.0	µg/L	1	11/15/2013 01:06 AM
Indeno(1,2,3-cd)pyrene	ND		5.0	µg/L	1	11/15/2013 01:06 AM
Naphthalene	30		5.0	µg/L	1	11/15/2013 01:06 AM
Pyrene	ND		5.0	µg/L	1	11/15/2013 01:06 AM
Surr: 2-Fluorobiphenyl	83.0		20-140	%REC	1	11/15/2013 01:06 AM
Surr: 4-Terphenyl-d14	112		22-172	%REC	1	11/15/2013 01:06 AM
Surr: Nitrobenzene-d5	109		8-140	%REC	1	11/15/2013 01:06 AM
VOLATILE ORGANIC COMPOUNDS						
			SW8260			Analyst: RS
Benzene	ND		10	µg/L	10	11/19/2013 01:53 AM
Ethylbenzene	ND		10	µg/L	10	11/19/2013 01:53 AM
m,p-Xylene	1,500		20	µg/L	10	11/19/2013 01:53 AM
o-Xylene	280		10	µg/L	10	11/19/2013 01:53 AM
Toluene	16		10	µg/L	10	11/19/2013 01:53 AM
Xylenes, Total	1,800		30	µg/L	10	11/19/2013 01:53 AM
Surr: 1,2-Dichloroethane-d4	105		70-120	%REC	10	11/19/2013 01:53 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp**Date:** 20-Nov-13**Client:** HRL Compliance Solutions**Project:** WPX TR 31-5 Quarterly 11.8.13**Work Order:** 1311545**Sample ID:** MW 9**Lab ID:** 1311545-08**Collection Date:** 11/8/2013 11:10 AM**Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 4-Bromofluorobenzene</i>	99.2		75-120	%REC	10	11/19/2013 01:53 AM
<i>Surr: Dibromofluoromethane</i>	106		85-115	%REC	10	11/19/2013 01:53 AM
<i>Surr: Toluene-d8</i>	97.6		85-120	%REC	10	11/19/2013 01:53 AM
ANIONS BY ION CHROMATOGRAPHY			SW9056			Analyst: ED
Bromide	0.58		0.10	mg/L	1	11/15/2013 06:36 AM
Chloride	70		10	mg/L	10	11/15/2013 06:57 AM
Fluoride	0.27		0.10	mg/L	1	11/15/2013 06:36 AM
Sulfate	70		10	mg/L	10	11/15/2013 06:57 AM
PH			SW9040			Analyst: KF
pH (laboratory)	7.58	H		s.u.	1	11/12/2013 10:30 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: 20-Nov-13

Client: HRL Compliance Solutions

Project: WPX TR 31-5 Quarterly 11.8.13

Sample ID: MW 8

Collection Date: 11/8/2013 11:25 AM

Work Order: 1311545

Lab ID: 1311545-09

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID						
			SW8015M		Prep Date: 11/12/2013	Analyst: CW
DRO (C10-C28)	1.5		0.10	mg/L	1	11/12/2013 06:59 PM
Surr: 4-Terphenyl-d14	59.7		21-90	%REC	1	11/12/2013 06:59 PM
GASOLINE RANGE ORGANICS BY GC-FID						
			SW8015			Analyst: CW
GRO (C6-C10)	1.4		0.20	mg/L	1	11/13/2013 02:28 AM
Surr: Toluene-d8	105		70-130	%REC	1	11/13/2013 02:28 AM
METALS BY ICP-MS (DISSOLVED)						
			SW6020A			Analyst: CES
Calcium	87		0.50	mg/L	1	11/15/2013 09:40 PM
Iron	ND		0.080	mg/L	1	11/15/2013 09:40 PM
Magnesium	45		0.20	mg/L	1	11/15/2013 09:40 PM
Manganese	1.0		0.0050	mg/L	1	11/15/2013 09:40 PM
Potassium	1.3		0.20	mg/L	1	11/15/2013 09:40 PM
Sodium	82		0.20	mg/L	1	11/15/2013 09:40 PM
SEMI-VOLATILE ORGANIC COMPOUNDS						
			SW8270		Prep Date: 11/12/2013	Analyst: RM
Acenaphthene	ND		5.0	µg/L	1	11/15/2013 01:32 AM
Anthracene	ND		5.0	µg/L	1	11/15/2013 01:32 AM
Benzo(a)anthracene	ND		5.0	µg/L	1	11/15/2013 01:32 AM
Benzo(a)pyrene	ND		5.0	µg/L	1	11/15/2013 01:32 AM
Benzo(b)fluoranthene	ND		5.0	µg/L	1	11/15/2013 01:32 AM
Benzo(k)fluoranthene	ND		5.0	µg/L	1	11/15/2013 01:32 AM
Chrysene	ND		5.0	µg/L	1	11/15/2013 01:32 AM
Dibenzo(a,h)anthracene	ND		5.0	µg/L	1	11/15/2013 01:32 AM
Fluoranthene	ND		5.0	µg/L	1	11/15/2013 01:32 AM
Fluorene	ND		5.0	µg/L	1	11/15/2013 01:32 AM
Indeno(1,2,3-cd)pyrene	ND		5.0	µg/L	1	11/15/2013 01:32 AM
Naphthalene	ND		5.0	µg/L	1	11/15/2013 01:32 AM
Pyrene	ND		5.0	µg/L	1	11/15/2013 01:32 AM
Surr: 2-Fluorobiphenyl	73.8		20-140	%REC	1	11/15/2013 01:32 AM
Surr: 4-Terphenyl-d14	110		22-172	%REC	1	11/15/2013 01:32 AM
Surr: Nitrobenzene-d5	108		8-140	%REC	1	11/15/2013 01:32 AM
VOLATILE ORGANIC COMPOUNDS						
			SW8260			Analyst: BG
Benzene	90		10	µg/L	10	11/18/2013 08:01 AM
Ethylbenzene	16		10	µg/L	10	11/18/2013 08:01 AM
m,p-Xylene	140		20	µg/L	10	11/18/2013 08:01 AM
o-Xylene	14		10	µg/L	10	11/18/2013 08:01 AM
Toluene	26		10	µg/L	10	11/18/2013 08:01 AM
Xylenes, Total	150		30	µg/L	10	11/18/2013 08:01 AM
Surr: 1,2-Dichloroethane-d4	96.6		70-120	%REC	10	11/18/2013 08:01 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp**Date:** 20-Nov-13**Client:** HRL Compliance Solutions**Project:** WPX TR 31-5 Quarterly 11.8.13**Work Order:** 1311545**Sample ID:** MW 8**Lab ID:** 1311545-09**Collection Date:** 11/8/2013 11:25 AM**Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: 4-Bromofluorobenzene</i>	98.8		75-120	%REC	10	11/18/2013 08:01 AM
<i>Surr: Dibromofluoromethane</i>	87.1		85-115	%REC	10	11/18/2013 08:01 AM
<i>Surr: Toluene-d8</i>	91.0		85-120	%REC	10	11/18/2013 08:01 AM
ANIONS BY ION CHROMATOGRAPHY			SW9056			Analyst: ED
Bromide	0.44		0.10	mg/L	1	11/15/2013 07:17 AM
Chloride	51		10	mg/L	10	11/15/2013 07:37 AM
Fluoride	0.17		0.10	mg/L	1	11/15/2013 07:17 AM
Sulfate	63		10	mg/L	10	11/15/2013 07:37 AM
PH			SW9040			Analyst: KF
pH (laboratory)	7.42	H		s.u.	1	11/12/2013 10:30 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

Client: HRL Compliance Solutions
Work Order: 1311545
Project: WPX TR 31-5 Quarterly 11.8.13

QC BATCH REPORT

Batch ID: **53201** Instrument ID **GC8** Method: **SW8015M**

MBLK		Sample ID: DBLKW1-53201-53201				Units: mg/L		Analysis Date: 11/12/2013 11:33 AM		
Client ID:		Run ID: GC8_131112A				SeqNo: 2535136		Prep Date: 11/12/2013		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	ND	0.10								
Surr: 4-Terphenyl-d14	0.07022	0	0.1143	0	61.4	21-90	0			

LCS		Sample ID: DLCSW1-53201-53201				Units: mg/L		Analysis Date: 11/12/2013 12:02 PM		
Client ID:		Run ID: GC8_131112A				SeqNo: 2535137		Prep Date: 11/12/2013		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	6.137	0.10	11.43	0	53.7	44-116	0			
Surr: 4-Terphenyl-d14	0.06971	0	0.1143	0	61	21-90	0			

MS		Sample ID: 1311545-01B MS				Units: mg/L		Analysis Date: 11/12/2013 12:32 PM		
Client ID: MW 1		Run ID: GC8_131112A				SeqNo: 2535138		Prep Date: 11/12/2013		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	23.1	0.35	40	0	57.7	44-116	0			
Surr: 4-Terphenyl-d14	0.2391	0	0.4	0	59.8	21-90	0			

MSD		Sample ID: 1311545-01B MSD				Units: mg/L		Analysis Date: 11/12/2013 01:02 PM		
Client ID: MW 1		Run ID: GC8_131112A				SeqNo: 2535139		Prep Date: 11/12/2013		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
DRO (C10-C28)	20.69	0.35	40	0	51.7	44-116	23.1	11	30	
Surr: 4-Terphenyl-d14	0.2346	0	0.4	0	58.7	21-90	0.2391	1.89	30	

The following samples were analyzed in this batch:

1311545-01B	1311545-02B	1311545-03B
1311545-04B	1311545-05B	1311545-06B
1311545-07B	1311545-08B	1311545-09B

Client: HRL Compliance Solutions
 Work Order: 1311545
 Project: WPX TR 31-5 Quarterly 11.8.13

QC BATCH REPORT

Batch ID: **R130375** Instrument ID **GC10** Method: **SW8015**

MBLK		Sample ID: GBLKW1-131112-R130375				Units: µg/L		Analysis Date: 11/12/2013 11:29 AM		
Client ID:		Run ID: GC10_131112A				SeqNo: 2534448		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	ND	200								
Surr: Toluene-d8	104.5	0	100	0	104	70-130	0			

LCS		Sample ID: GLCSW1-131112-R130375				Units: µg/L		Analysis Date: 11/12/2013 11:06 AM		
Client ID:		Run ID: GC10_131112A				SeqNo: 2534447		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	8035	200	10000	0	80.3	70-130	0			
Surr: Toluene-d8	109.9	0	100	0	110	70-130	0			

MS		Sample ID: 1311435-02F MS				Units: µg/L		Analysis Date: 11/12/2013 08:59 PM		
Client ID:		Run ID: GC10_131112A				SeqNo: 2536000		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	7399	200	10000	0	74	70-130	0			
Surr: Toluene-d8	109.1	0	100	0	109	70-130	0			

MSD		Sample ID: 1311435-02F MSD				Units: µg/L		Analysis Date: 11/12/2013 09:22 PM		
Client ID:		Run ID: GC10_131112A				SeqNo: 2536001		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	7136	200	10000	0	71.4	70-130	7399	3.62	30	
Surr: Toluene-d8	108.1	0	100	0	108	70-130	109.1	0.921	30	

The following samples were analyzed in this batch:

1311545-01A	1311545-05A	1311545-06A
1311545-07A		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: HRL Compliance Solutions
 Work Order: 1311545
 Project: WPX TR 31-5 Quarterly 11.8.13

QC BATCH REPORT

Batch ID: **R130448** Instrument ID **GC10** Method: **SW8015**

MBLK		Sample ID: GBLKW2-131112-R130448				Units: µg/L		Analysis Date: 11/12/2013 10:33 PM		
Client ID:		Run ID: GC10_131112B				SeqNo: 2536023		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	ND	200								
<i>Surr: Toluene-d8</i>	<i>108.8</i>	<i>0</i>	<i>100</i>	<i>0</i>	<i>109</i>	<i>70-130</i>	<i>0</i>			

LCS		Sample ID: GLCSW2-131112-R130448				Units: µg/L		Analysis Date: 11/12/2013 10:09 PM		
Client ID:		Run ID: GC10_131112B				SeqNo: 2536021		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	7907	200	10000	0	79.1	70-130	0			
<i>Surr: Toluene-d8</i>	<i>112.9</i>	<i>0</i>	<i>100</i>	<i>0</i>	<i>113</i>	<i>70-130</i>	<i>0</i>			

MS		Sample ID: 1311609-07A MS				Units: µg/L		Analysis Date: 11/13/2013 04:29 AM		
Client ID:		Run ID: GC10_131112B				SeqNo: 2536046		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	7051	200	10000	0	70.5	70-130	0			
<i>Surr: Toluene-d8</i>	<i>107.7</i>	<i>0</i>	<i>100</i>	<i>0</i>	<i>108</i>	<i>70-130</i>	<i>0</i>			

MSD		Sample ID: 1311609-07A MSD				Units: µg/L		Analysis Date: 11/13/2013 04:52 AM		
Client ID:		Run ID: GC10_131112B				SeqNo: 2536049		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	6891	200	10000	0	68.9	70-130	7051	2.28	30	S
<i>Surr: Toluene-d8</i>	<i>108.2</i>	<i>0</i>	<i>100</i>	<i>0</i>	<i>108</i>	<i>70-130</i>	<i>107.7</i>	<i>0.389</i>	<i>30</i>	

The following samples were analyzed in this batch:

1311545-02A	1311545-03A	1311545-04A
1311545-08A	1311545-09A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: HRL Compliance Solutions
 Work Order: 1311545
 Project: WPX TR 31-5 Quarterly 11.8.13

QC BATCH REPORT

Batch ID: **R130598A** Instrument ID **ICPMS2** Method: **SW6020A** (Dissolve)

MBLK		Sample ID: MBLK-53301-R130598A				Units: mg/L		Analysis Date: 11/15/2013 08:12 PM		
Client ID:		Run ID: ICPMS2_131115A				SeqNo: 2541442		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Calcium	ND	0.50								
Iron	0.009645	0.080								J
Magnesium	ND	0.20								
Manganese	0.00007271	0.0050								J
Potassium	0.02211	0.20								J
Sodium	0.1995	0.20								J

LCS		Sample ID: LCS-53301-R130598A				Units: mg/L		Analysis Date: 11/15/2013 08:17 PM		
Client ID:		Run ID: ICPMS2_131115A				SeqNo: 2541443		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Calcium	9.118	0.50	10	0	91.2	80-120	0			
Iron	8.885	0.080	10	0	88.8	80-120	0			
Magnesium	9.32	0.20	10	0	93.2	80-120	0			
Manganese	0.09064	0.0050	0.1	0	90.6	80-120	0			
Potassium	9.26	0.20	10	0	92.6	80-120	0			
Sodium	9.608	0.20	10	0	96.1	80-120	0			

MS		Sample ID: 1311545-01CMS				Units: mg/L		Analysis Date: 11/15/2013 08:34 PM		
Client ID: MW 1		Run ID: ICPMS2_131115A				SeqNo: 2541446		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Calcium	86.89	0.50	10	77.61	92.8	75-125	0			O
Iron	9.55	0.080	10	0.03971	95.1	75-125	0			
Magnesium	48.59	0.20	10	38.56	100	75-125	0			
Manganese	0.09848	0.0050	0.1	0.001392	97.1	75-125	0			
Potassium	10.88	0.20	10	0.8171	101	75-125	0			
Sodium	69.32	0.20	10	59.02	103	75-125	0			O

MSD		Sample ID: 1311545-01CMSD				Units: mg/L		Analysis Date: 11/15/2013 08:39 PM		
Client ID: MW 1		Run ID: ICPMS2_131115A				SeqNo: 2541447		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Calcium	87.52	0.50	10	77.61	99.1	75-125	86.89	0.722	20	O
Iron	9.627	0.080	10	0.03971	95.9	75-125	9.55	0.803	20	
Magnesium	49.38	0.20	10	38.56	108	75-125	48.59	1.61	20	
Manganese	0.09838	0.0050	0.1	0.001392	97	75-125	0.09848	0.102	20	
Potassium	10.94	0.20	10	0.8171	101	75-125	10.88	0.55	20	
Sodium	70.32	0.20	10	59.02	113	75-125	69.32	1.43	20	O

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: HRL Compliance Solutions
Work Order: 1311545
Project: WPX TR 31-5 Quarterly 11.8.13

QC BATCH REPORT

Batch ID: **R130598A** Instrument ID **ICPMS2** Method: **SW6020A** **(Dissolve)**

The following samples were analyzed in this batch:	1311545-01C	1311545-02C	1311545-03C
	1311545-04C	1311545-05C	1311545-06C
	1311545-07C	1311545-08C	1311545-09C

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: HRL Compliance Solutions
Work Order: 1311545
Project: WPX TR 31-5 Quarterly 11.8.13

QC BATCH REPORT

Batch ID: **53203** Instrument ID **SVMS6** Method: **SW8270**

MBLK		Sample ID: SBLKW1-53203-53203				Units: µg/L		Analysis Date: 11/14/2013 07:51 PM		
Client ID:		Run ID: SVMS6_131114B				SeqNo: 2539912		Prep Date: 11/12/2013		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	ND	5.0								
Anthracene	ND	5.0								
Benzo(a)anthracene	ND	5.0								
Benzo(a)pyrene	ND	5.0								
Benzo(b)fluoranthene	ND	5.0								
Benzo(k)fluoranthene	ND	5.0								
Chrysene	ND	5.0								
Dibenzo(a,h)anthracene	ND	5.0								
Fluoranthene	ND	5.0								
Fluorene	ND	5.0								
Indeno(1,2,3-cd)pyrene	ND	5.0								
Naphthalene	ND	5.0								
Pyrene	ND	5.0								
<i>Surr: 2-Fluorobiphenyl</i>	91.54	0	114	0	80.3	20-140	0			
<i>Surr: 4-Terphenyl-d14</i>	130.9	0	114	0	115	22-172	0			
<i>Surr: Nitrobenzene-d5</i>	131.5	0	114	0	115	8-140	0			

LCS		Sample ID: SLCSW1-53203-53203				Units: µg/L		Analysis Date: 11/14/2013 08:17 PM		
Client ID:		Run ID: SVMS6_131114B				SeqNo: 2539915		Prep Date: 11/12/2013		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	51.93	5.0	45.7	0	114	60-140	0			
Anthracene	51.77	5.0	45.7	0	113	60-140	0			
Benzo(a)anthracene	54.72	5.0	45.7	0	120	60-140	0			
Benzo(a)pyrene	53.01	5.0	45.7	0	116	60-140	0			
Benzo(b)fluoranthene	50.79	5.0	45.7	0	111	60-140	0			
Benzo(k)fluoranthene	54.83	5.0	45.7	0	120	60-140	0			
Chrysene	51.34	5.0	45.7	0	112	60-140	0			
Dibenzo(a,h)anthracene	46.67	5.0	45.7	0	102	60-140	0			
Fluoranthene	53.9	5.0	45.7	0	118	60-140	0			
Fluorene	60.94	5.0	45.7	0	133	60-140	0			
Indeno(1,2,3-cd)pyrene	49.07	5.0	45.7	0	107	60-140	0			
Naphthalene	35.13	5.0	45.7	0	76.9	40-140	0			
Pyrene	48.96	5.0	45.7	0	107	60-140	0			
<i>Surr: 2-Fluorobiphenyl</i>	108.1	0	114	0	94.8	20-140	0			
<i>Surr: 4-Terphenyl-d14</i>	124.3	0	114	0	109	22-172	0			
<i>Surr: Nitrobenzene-d5</i>	132.6	0	114	0	116	8-140	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: HRL Compliance Solutions
 Work Order: 1311545
 Project: WPX TR 31-5 Quarterly 11.8.13

QC BATCH REPORT

Batch ID: **53203** Instrument ID **SVMS6** Method: **SW8270**

MS				Sample ID: 1311545-01B MS			Units: µg/L		Analysis Date: 11/14/2013 08:43 PM	
Client ID: MW 1				Run ID: SVMS6_131114B			SeqNo: 2539918		Prep Date: 11/12/2013	
									DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	172.4	18	160	0	108	60-140	0			
Anthracene	170.2	18	160	0	106	60-140	0			
Benzo(a)anthracene	181.6	18	160	0	114	60-140	0			
Benzo(a)pyrene	173.9	18	160	0	109	60-140	0			
Benzo(b)fluoranthene	168.1	18	160	0	105	60-140	0			
Benzo(k)fluoranthene	180.1	18	160	0	113	60-140	0			
Chrysene	173	18	160	0	108	60-140	0			
Dibenzo(a,h)anthracene	152.1	18	160	0	95.1	60-140	0			
Fluoranthene	176.6	18	160	0	110	60-140	0			
Fluorene	197.6	18	160	0	124	60-140	0			
Indeno(1,2,3-cd)pyrene	160.6	18	160	0	100	60-140	0			
Naphthalene	116.5	18	160	0	72.8	40-140	0			
Pyrene	163.3	18	160	0	102	60-140	0			
Surr: 2-Fluorobiphenyl	366.9	0	399	0	91.9	20-140	0			
Surr: 4-Terphenyl-d14	426.6	0	399	0	107	22-172	0			
Surr: Nitrobenzene-d5	446.6	0	399	0	112	8-140	0			

MSD				Sample ID: 1311545-01B MSD			Units: µg/L		Analysis Date: 11/14/2013 09:10 PM	
Client ID: MW 1				Run ID: SVMS6_131114B			SeqNo: 2539922		Prep Date: 11/12/2013	
									DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	171.7	18	160	0	107	60-140	172.4	0.419	30	
Anthracene	171.7	18	160	0	107	60-140	170.2	0.842	30	
Benzo(a)anthracene	182	18	160	0	114	60-140	181.6	0.22	30	
Benzo(a)pyrene	175.7	18	160	0	110	60-140	173.9	1.01	30	
Benzo(b)fluoranthene	169.6	18	160	0	106	60-140	168.1	0.9	30	
Benzo(k)fluoranthene	181	18	160	0	113	60-140	180.1	0.532	30	
Chrysene	170.5	18	160	0	107	60-140	173	1.49	30	
Dibenzo(a,h)anthracene	153.1	18	160	0	95.7	60-140	152.1	0.682	30	
Fluoranthene	178.3	18	160	0	111	60-140	176.6	0.992	30	
Fluorene	194.6	18	160	0	122	60-140	197.6	1.51	30	
Indeno(1,2,3-cd)pyrene	160.2	18	160	0	100	60-140	160.6	0.299	30	
Naphthalene	123	18	160	0	76.9	40-140	116.5	5.48	30	
Pyrene	164.2	18	160	0	103	60-140	163.3	0.586	30	
Surr: 2-Fluorobiphenyl	369.5	0	399	0	92.6	20-140	366.9	0.717	30	
Surr: 4-Terphenyl-d14	417.7	0	399	0	105	22-172	426.6	2.1	30	
Surr: Nitrobenzene-d5	445.7	0	399	0	112	8-140	446.6	0.215	30	

The following samples were analyzed in this batch:

1311545-01B	1311545-02B	1311545-03B
1311545-04B	1311545-05B	1311545-06B
1311545-07B	1311545-08B	1311545-09B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: HRL Compliance Solutions
Work Order: 1311545
Project: WPX TR 31-5 Quarterly 11.8.13

QC BATCH REPORT

Batch ID: **R130674** Instrument ID **VMS6** Method: **SW8260**

MBLK		Sample ID: VLKW2-131117-R130674				Units: µg/L		Analysis Date: 11/17/2013 11:48 PM		
Client ID:		Run ID: VMS6_131117B				SeqNo: 2542552		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	ND	1.0								
Ethylbenzene	ND	1.0								
m,p-Xylene	ND	2.0								
o-Xylene	ND	1.0								
Toluene	ND	1.0								
Xylenes, Total	ND	3.0								
Surr: 1,2-Dichloroethane-d4	19.04	0	20	0	95.2	70-120	0			
Surr: 4-Bromofluorobenzene	19.58	0	20	0	97.9	75-120	0			
Surr: Dibromofluoromethane	18.04	0	20	0	90.2	85-115	0			
Surr: Toluene-d8	18.68	0	20	0	93.4	85-120	0			

LCS		Sample ID: VLCSW2-131117-R130674				Units: µg/L		Analysis Date: 11/17/2013 10:58 PM		
Client ID:		Run ID: VMS6_131117B				SeqNo: 2542551		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	21.38	1.0	20	0	107	80-120	0			
Ethylbenzene	20.11	1.0	20	0	101	75-125	0			
m,p-Xylene	40.29	2.0	40	0	101	75-130	0			
o-Xylene	20.5	1.0	20	0	102	80-120	0			
Toluene	19.87	1.0	20	0	99.4	75-120	0			
Xylenes, Total	60.79	3.0	60	0	101	75-130	0			
Surr: 1,2-Dichloroethane-d4	19.02	0	20	0	95.1	70-120	0			
Surr: 4-Bromofluorobenzene	21.07	0	20	0	105	75-120	0			
Surr: Dibromofluoromethane	19.12	0	20	0	95.6	85-115	0			
Surr: Toluene-d8	18.67	0	20	0	93.4	85-120	0			

MS		Sample ID: 1311545-02A MS				Units: µg/L		Analysis Date: 11/18/2013 08:25 AM		
Client ID: MW 2		Run ID: VMS6_131117B				SeqNo: 2542567		Prep Date:		DF: 50
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	1083	50	1000	57	103	80-120	0			
Ethylbenzene	999	50	1000	80	91.9	75-125	0			
m,p-Xylene	3778	100	2000	2242	76.8	75-130	0			
o-Xylene	1086	50	1000	130.5	95.6	80-120	0			
Toluene	915	50	1000	0	91.5	75-120	0			
Xylenes, Total	4864	150	3000	2372	83.1	75-130	0			
Surr: 1,2-Dichloroethane-d4	945	0	1000	0	94.5	70-120	0			
Surr: 4-Bromofluorobenzene	1040	0	1000	0	104	75-120	0			
Surr: Dibromofluoromethane	931	0	1000	0	93.1	85-115	0			
Surr: Toluene-d8	960.5	0	1000	0	96	85-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: HRL Compliance Solutions
Work Order: 1311545
Project: WPX TR 31-5 Quarterly 11.8.13

QC BATCH REPORT

Batch ID: **R130674** Instrument ID **VMS6** Method: **SW8260**

MSD				Sample ID: 1311545-02A MSD			Units: µg/L		Analysis Date: 11/18/2013 08:50 AM	
Client ID: MW 2				Run ID: VMS6_131117B			SeqNo: 2542568		Prep Date:	
									DF: 50	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	1012	50	1000	57	95.5	80-120	1083	6.78	30	
Ethylbenzene	948	50	1000	80	86.8	75-125	999	5.24	30	
m,p-Xylene	3640	100	2000	2242	69.9	75-130	3778	3.72	30	S
o-Xylene	1038	50	1000	130.5	90.7	80-120	1086	4.61	30	
Toluene	861	50	1000	0	86.1	75-120	915	6.08	30	
Xylenes, Total	4677	150	3000	2372	76.8	75-130	4864	3.92	30	
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>945.5</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>94.6</i>	<i>70-120</i>	<i>945</i>	<i>0.0529</i>	<i>30</i>	
<i>Surr: 4-Bromofluorobenzene</i>	<i>1061</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>106</i>	<i>75-120</i>	<i>1040</i>	<i>2.05</i>	<i>30</i>	
<i>Surr: Dibromofluoromethane</i>	<i>948.5</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>94.8</i>	<i>85-115</i>	<i>931</i>	<i>1.86</i>	<i>30</i>	
<i>Surr: Toluene-d8</i>	<i>963.5</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>96.4</i>	<i>85-120</i>	<i>960.5</i>	<i>0.312</i>	<i>30</i>	

The following samples were analyzed in this batch:

1311545-01A	1311545-02A	1311545-03A
1311545-04A	1311545-05A	1311545-06A
1311545-07A	1311545-08A	1311545-09A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: HRL Compliance Solutions
Work Order: 1311545
Project: WPX TR 31-5 Quarterly 11.8.13

QC BATCH REPORT

Batch ID: **R130773** Instrument ID **VMS9** Method: **SW8260**

MBLK		Sample ID: VBLKW2-131118-R130773				Units: µg/L		Analysis Date: 11/18/2013 07:02 PM		
Client ID:		Run ID: VMS9_131118B				SeqNo: 2543594		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	ND	1.0								
Ethylbenzene	ND	1.0								
m,p-Xylene	ND	2.0								
o-Xylene	ND	1.0								
Toluene	ND	1.0								
Xylenes, Total	ND	3.0								
Surr: 1,2-Dichloroethane-d4	20.51	0	20	0	103	70-120	0			
Surr: 4-Bromofluorobenzene	18.53	0	20	0	92.6	75-120	0			
Surr: Dibromofluoromethane	21.52	0	20	0	108	85-115	0			
Surr: Toluene-d8	18.81	0	20	0	94	85-120	0			

LCS		Sample ID: VLCSW2-131118-R130773				Units: µg/L		Analysis Date: 11/18/2013 05:50 PM		
Client ID:		Run ID: VMS9_131118B				SeqNo: 2543593		Prep Date:		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	19.36	1.0	20	0	96.8	80-120	0			
Ethylbenzene	21.01	1.0	20	0	105	75-125	0			
m,p-Xylene	43.67	2.0	40	0	109	75-130	0			
o-Xylene	22.21	1.0	20	0	111	80-120	0			
Toluene	20.62	1.0	20	0	103	75-120	0			
Xylenes, Total	65.88	3.0	60	0	110	75-130	0			
Surr: 1,2-Dichloroethane-d4	19.8	0	20	0	99	70-120	0			
Surr: 4-Bromofluorobenzene	20.96	0	20	0	105	75-120	0			
Surr: Dibromofluoromethane	20.55	0	20	0	103	85-115	0			
Surr: Toluene-d8	19.23	0	20	0	96.2	85-120	0			

MS		Sample ID: 1311545-02A MS				Units: µg/L		Analysis Date: 11/19/2013 03:30 AM		
Client ID: MW 2		Run ID: VMS9_131118B				SeqNo: 2543610		Prep Date:		DF: 10
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	193.2	10	200	54.4	69.4	80-120	0			S
Ethylbenzene	201.1	10	200	39.9	80.6	75-125	0			
m,p-Xylene	421.7	20	400	2331	-477	75-130	0			SO
o-Xylene	214	10	200	127.3	43.4	80-120	0			S
Toluene	199	10	200	0	99.5	75-120	0			
Xylenes, Total	635.7	30	600	2459	-304	75-130	0			SO
Surr: 1,2-Dichloroethane-d4	199	0	200	0	99.5	70-120	0			
Surr: 4-Bromofluorobenzene	209.5	0	200	0	105	75-120	0			
Surr: Dibromofluoromethane	206.2	0	200	0	103	85-115	0			
Surr: Toluene-d8	196.6	0	200	0	98.3	85-120	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: HRL Compliance Solutions
Work Order: 1311545
Project: WPX TR 31-5 Quarterly 11.8.13

QC BATCH REPORT

Batch ID: **R130773** Instrument ID **VMS9** Method: **SW8260**

MSD				Sample ID: 1311545-02A MSD			Units: µg/L		Analysis Date: 11/19/2013 03:54 AM		
Client ID: MW 2			Run ID: VMS9_131118B			SeqNo: 2543611		Prep Date:		DF: 10	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Benzene	189	10	200	54.4	67.3	80-120	193.2	2.2	30	S	
Ethylbenzene	191.6	10	200	39.9	75.8	75-125	201.1	4.84	30		
m,p-Xylene	400.2	20	400	2331	-483	75-130	421.7	5.23	30	SO	
o-Xylene	204.9	10	200	127.3	38.8	80-120	214	4.34	30	S	
Toluene	188.4	10	200	0	94.2	75-120	199	5.47	30		
Xylenes, Total	605.1	30	600	2459	-309	75-130	635.7	4.93	30	SO	
Surr: 1,2-Dichloroethane-d4	198.5	0	200	0	99.2	70-120	199	0.252	30		
Surr: 4-Bromofluorobenzene	211.1	0	200	0	106	75-120	209.5	0.761	30		
Surr: Dibromofluoromethane	207.7	0	200	0	104	85-115	206.2	0.725	30		
Surr: Toluene-d8	190.5	0	200	0	95.2	85-120	196.6	3.15	30		

The following samples were analyzed in this batch: 1311545-02A 1311545-08A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: HRL Compliance Solutions
Work Order: 1311545
Project: WPX TR 31-5 Quarterly 11.8.13

QC BATCH REPORT

Batch ID: **R130362b** Instrument ID **WETCHEM** Method: **SW9040**

LCS				Sample ID: LCS-R130362-R130362b				Units: s.u.			Analysis Date: 11/12/2013 10:30 AM			
Client ID:				Run ID: WETCHEM_131112E				SeqNo: 2534021			Prep Date:		DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual			
pH (laboratory)		3.98	0	4	0	99.5	90-110	0						

DUP		Sample ID: 1311545-01C DUP				Units: s.u.		Analysis Date: 11/12/2013 10:30 AM		
Client ID: MW 1		Run ID: WETCHEM_131112E			SeqNo: 2534023		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH (laboratory)	7.15	0	0	0	0	0-0	7.18	0.419	20	H

The following samples were analyzed in this batch:

1311545-01C	1311545-02C	1311545-03C
1311545-04C	1311545-05C	1311545-06C
1311545-07C	1311545-08C	1311545-09C

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: HRL Compliance Solutions
Work Order: 1311545
Project: WPX TR 31-5 Quarterly 11.8.13

QC BATCH REPORT

Batch ID: **R130633** Instrument ID **IC3** Method: **SW9056**

MBLK				Sample ID: CCB/MBLK-R130633				Units: mg/L			Analysis Date: 11/15/2013 12:33 AM			
Client ID:				Run ID: IC3_131114C				SeqNo: 2540344			Prep Date:		DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual			
Bromide		ND	0.10											
Chloride		0.3826	1.0								J			
Fluoride		ND	0.10											
Sulfate		ND	1.0											

LCS					Sample ID: LCS-R130633			Units: mg/L			Analysis Date: 11/15/2013 12:53 AM		
Client ID:			Run ID: IC3_131114C			SeqNo: 2540345			Prep Date:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual			
Bromide	2.035	0.10	2	0	102	88-113	0						
Chloride	9.667	1.0	10	0	96.7	88-107	0						
Fluoride	2.079	0.10	2	0	104	86-111	0						
Sulfate	10.16	1.0	10	0	102	85-110	0						

MS				Sample ID: 1311545-09C MS			Units: mg/L		Analysis Date: 11/15/2013 10:22 AM		
Client ID: MW 8			Run ID: IC3_131114C			SeqNo: 2540368		Prep Date:		DF: 10	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Bromide	10.68	1.0	10	0	107	75-125	0				
Chloride	102.5	10	50	51.3	102	75-125	0				
Fluoride	10.34	1.0	10	0	103	75-125	0				
Sulfate	115.1	10	50	63.04	104	75-125	0				

MSD				Sample ID: 1311545-09C MSD				Units: mg/L		Analysis Date: 11/15/2013 10:42 AM	
Client ID: MW 8			Run ID: IC3_131114C			SeqNo: 2540369		Prep Date:		DF: 10	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Bromide	10.72	1.0	10	0	107	75-125	10.68	0.458	20		
Chloride	103.7	10	50	51.3	105	75-125	102.5	1.22	20		
Fluoride	10.43	1.0	10	0	104	75-125	10.34	0.828	20		
Sulfate	116.9	10	50	63.04	108	75-125	115.1	1.54	20		

The following samples were analyzed in this batch:

1311545-01C	1311545-02C	1311545-03C
1311545-04C	1311545-05C	1311545-06C
1311545-07C	1311545-08C	1311545-09C

Note: See Qualifiers Page for a list of Qualifiers and their explanation.



ALS Laboratory Group

225 Commerce Drive, Fort Collins, Colorado 80524
TF: (800) 443-1511 PH: (970) 490-1511 FX: (970) 490-1522

Chain-of-Custody

Form 202r8

WORKORDER #

131/545


PAGE

1 of 1

PROJECT NAME	WPX TR 31-5 Quartly Monitor Well Sample	SAMPLER	Reed Wold	DATE	11/8/2013	TURNAROUND	5 day	DISPOSAL	By Lab or Return to Client			
PROJECT No.		EDD FORMAT										
COMPANY NAME	HRL Compliance	PURCHASE ORDER										
SEND REPORT TO	Mark Mumby	BILL TO COMPANY	WPX									
ADDRESS	2385 F 1/2 Rd	INVOICE ATTN TO	Karolina Blaney									
CITY / STATE / ZIP	Grand Junction, CO 81506	ADDRESS	1058 Co Rd 215									
PHONE	970-243-3271	CITY / STATE / ZIP	Parachure CO 81635									
FAX	970-243-3280	PHONE	970-683-2295									
E-MAIL	mmumby@hrlcomp.com rwold@hrlcomp.com	FAX										
E-MAIL		E-MAIL	Karolina.blaney@wpxenergy.com									
Lab ID	Field ID	Matrix	Sample Date	Sample Time	# Bottles	Pres.	QC	BTEX/ GRO	DRO	Semi Vols-PAH	Dissolved Metals- Cations	Anions
01	MW 1	W	11/8/2013	9:15	10	1,8		X	X	X	X	X
02	MW 2	W	11/8/2013	11:36	10	1,8		X	X	X	X	X
03	MW 3	W	11/8/2013	10:55	10	1,8		X	X	X	X	X
04	MW 4	W	11/8/2013	10:40	10	1,8		X	X	X	X	X
05	MW 5	W	11/8/2013	10:25	10	1,8		X	X	X	X	X
06	MW 6	W	11/8/2013	9:58	10	1,8		X	X	X	X	X
07	MW 7	W	11/8/2013	9:38	10	1,8		X	X	X	X	X
08	MW 8/9	W	11/8/2013	11:10	10	1,8		X	X	X	X	X
09	MW 8/8	W	11/8/2013	11:25	10	1,8		X	X	X	X	X

*Time Zone (Circle): EST CST MST PST Matrix: O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter

For metals or anions, please detail analytes below.

Comments:	QC PACKAGE (check below)
	<input checked="" type="checkbox"/> LEVEL II (Standard QC)
	<input type="checkbox"/> LEVEL III (Std QC + forms)
	<input type="checkbox"/> LEVEL IV (Std QC + forms + raw data)
	<input type="checkbox"/>
Preservative Key:	1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-NaHSO4 7-Other 8-4 degrees C 9-5035

SIGNATURE	PRINTED NAME	DATE	TIME
RELINQUISHED BY	Reed Wold	11/8/13	4:00
RECEIVED BY	FEDEX	11/9/13	0930
RELINQUISHED BY			
RECEIVED BY	Antley Beasly		
RELINQUISHED BY			
RECEIVED BY			

Sample Receipt Checklist

Client Name: HRL

Date/Time Received: 09-Nov-13 09:30

Work Order: 1311545

Received by: AB

Checklist completed by Ashley Beard
eSignature

11-Nov-13
Date

Reviewed by: Ann Preston
eSignature

11-Nov-13
Date

Matrices: WATER

Carrier name: FedEx

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample(s) received on ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Temperature(s)/Thermometer(s):	<u>5.0</u>		
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:	<u>11/11/2013 9:54:36 AM</u>		
Water - VOA vials have zero headspace?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
pH adjusted?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
pH adjusted by:			

Login Notes:

Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

CorrectiveAction:

red EX
Express

ST
7

RT
769

DR

ORIGIN ID: GJTA (616) 399-6070
ALS LABORATORY GROUP
3352 128TH AVE
HOLLAND, MI 494249263
UNITED STATES US

SHIP DATE: 08NOV13
ACTWT: 47.0 LB MAN
CAD: /POS1424
DIMS: 24x14x14 IN
BILL SENDER

Part # 156297-435 R112 09/13

TO SAMPLE RECEIVING



ALS Environmental

3352 128th Avenue
Holland, Michigan 49424
Tel. +1 616 399 6070
Fax. +1 616 399 6185

CUSTODY SEAL

Date: 11/8/13 Time: 4:00
Name: *Handwritten*
Company: HCSF

Seal Broken By:

Date:

DUP

FedEx NEW Package
Express US Airbill

FedEx
Tracking
Number

8022 0273 2199

1 From

Date 11/8/13

Sender's Name *Handwritten*

Phone 970 243 3271

Company HCSF

Address 2385 F 1/2 RD

City Grand Junction

State CO ZIP 81505

2 Your Internal Billing Reference

3 To

Recipient's Name *Sample Receiving*

Phone 616 399 6070

Company ALS Labs

Address 3352 128th Ave

Use this line for the HOLD location address or for continuation of your shipping address.

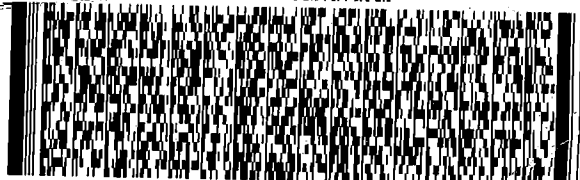
City Holland

State MI ZIP 49424

HOLD Weekday
FedEx location address
REQUIRED. NOT available for
FedEx First Overnight.

HOLD Saturday
FedEx location address
REQUIRED. Available ONLY for
FedEx Priority Overnight and
FedEx 2Day to select locations.

DEPT:



FedEx
Express

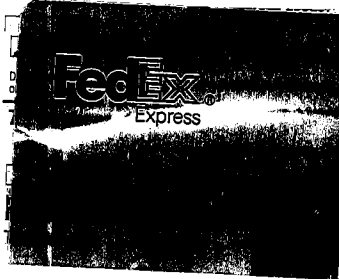
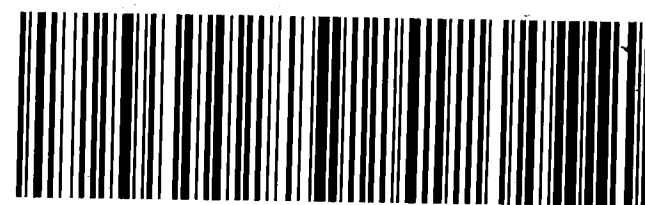


TRK# 8022 0273 2199

SATURDAY 12:00P
PRIORITY OVERNIGHT

XO GRRA

49424
MI-US GRR



SDR

FedEx Saturday Delivery

151967 REV 7/08 RRD

fedex.com 1.800.GoFedEx 1.800.463.3339



8022 0273 2199

Align Open End of FedEx Pouch Here