

Table 2
2RP-3976 and 2RP-4253
Remediation Soil Sample Analytical Data Summary
XTO Energy, Inc., Nash Draw #42 CTB Spills
UL E (SW/4, NW/4), S-18, T-23 South, R-30 East
N32° 18' 23.14277" W103° 55' 29.89976"
Eddy County, New Mexico

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Sample	Depth (Feet)	Collection Date	Position	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	GRO (mg/Kg)	DRO (mg/Kg)	ORO (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
OCD RRAL:					10	50				1,000	**600
S-1	1.5 - 2.0	08/11/2017	Bottom	In-situ	<0.0244	<0.1708	<30.5	<30.5	<30.5	<30.5	62.7
S-2	1.5 - 2.0	08/11/2017	Bottom	In-situ	<0.0241	<0.1687	<30.1	57.4	<30.1	57.4	103
S-3	1.5 - 2.0	08/11/2017	Bottom	In-situ	<0.0235	<0.1047	<29.4	<29.4	<29.4	<29.4	13.7
S-4	1.5 - 2.0	08/11/2017	Bottom	In-situ	<0.0230	<0.161	<28.7	<28.7	<28.7	<28.7	<1.15
S-5	1.5 - 2.0	08/11/2017	Bottom	Excavated	0.0664	13.7464	755	3,970	720	5,450	147
	5.0 - 5.5	08/14/2017	Bottom	In-situ	--	--	<28.7	209	84.9	293.9	19.3
	2	08/14/2017	Side (N)	In-situ	--	--	43.1	764	152	959.1	48.0
	2	08/14/2017	Side (S)	In-situ	--	--	<27.2	<27.2	<27.2	<27.2	<1.09
	*2	08/14/2017	Side (E)	Excavated	--	--	356	2,700	524	3,580	161
	2	08/14/2017	Side (W)	In-situ	--	--	<30.1	66.2	<30.1	66.2	16.8
S-6	4.5 - 5.0	08/11/2017	Bottom	Excavated	0.199	9.889	2,850	5,710	1,210	9,780	<1.14
	12.0 - 12.5	08/14/2017	Bottom	In-situ	--	--	<28.1	200	36.5	236.5	35.2
	2	08/11/2017	Side (N)	In-situ	<0.0244	<0.1708	<30.5	131	38.8	169.8	<1.22
	4	08/14/2017	Side (N)	Excavated	--	--	246	906	160	1,310	30.3
	4	08/16/2017	Side (N)	In-situ	--	--	<26.9	<26.9	<26.9	<26.9	20.2
	8	08/14/2017	Side (N)	In-situ	--	--	<29.8	<29.8	<29.8	<29.8	20.1
	2	08/11/2017	Side (S)	Excavated	0.388	36.718	4,770	11,400	2,280	18,450	102
	4	08/14/2017	Side (S)	In-situ	--	--	<28.1	<28.1	<28.2	<28.1	61.5
	8	08/14/2017	Side (S)	In-situ	--	--	<27.8	<27.8	<27.8	<27.8	954
	*2	08/11/2017	Side (W)	In-situ	<0.0227	<0.1591	42.7	534	122	698.7	15.0

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OCD RRAL:					10	50				1,000	**600
	4	08/14/2017	Side (W)	In-situ	--	--	<28.7	281	48.5	329.5	21.6
	8	08/14/2017	Side (W)	In-situ	--	--	<28.7	61.4	<28.7	61.4	18.1
	2	08/11/2017	Side (E)	Excavated	<0.0244	0.9416	358	1,830	370	2,558	780
	4	08/14/2017	Side (E)	In-situ	--	--	<26.9	<26.9	<26.9	<26.9	13.8
	8	08/14/2017	Side (E)	In-situ	--	--	<27.2	<27.2	<27.2	<27.2	43.8
S-7	1.5 - 2.0	08/11/2017	Bottom	In-situ	<0.0227	.0568	<28.4	390	76.3	466.3	152
S-8	1.5 - 2.0	08/11/2017	Bottom	In-situ	<0.0227	<0.1591	<28.4	66.8	<28.4	66.8	13.7
S-9	1.5 - 2.0	08/11/2017	Bottom	In-situ	<0.0230	<0.161	<28.7	<28.7	<28.7	<28.7	<1.15
S-10	1.5 - 2.0	08/11/2017	Bottom	Excavated	<0.0230	2.525	586	2,900	467	3,953	629
	5.0 - 5.5	08/14/2017	Bottom	In-situ	--	--	<27.5	177	32.1	209.1	4.88
	2	08/14/2017	Side (N)	In-situ	--	--	<29.1	<29.1	<29.1	<29.1	99.7
	2	08/14/2017	Side (S)	In-situ	--	--	33.2	553	95.2	681.4	68.4
	2	08/14/2017	Side (E)	In-situ	--	--	<28.7	92.9	<28.7	92.9	79.3
	2	08/14/2017	Side (W)	In-situ	--	--	<29.1	<29.1	<29.1	<29.1	19.4
S-11	1.5 - 2.0	08/11/2017	Bottom	In-situ	<0.0238	<0.1666	<29.8	42.9	<29.8	42.9	53.3
S-12	1.5 - 2.0	08/11/2017	Bottom	In-situ	<0.0235	<0.1047	<29.4	50.4	<29.4	50.4	459
S-13	1.5 - 2.0	08/11/2017	Bottom	In-situ	<0.0233	<0.1629	<29.1	114	<29.4	114	8,210

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Sample	Depth (Feet)	Collection Date	Position	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	GRO (mg/Kg)	DRO (mg/Kg)	ORO (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
OCD RRAL:					10	50				1,000	**600
	5 - 6	08/14/2017	Bottom	In-situ	--	--	--	--	--	--	169
	10 - 11	08/14/2017	Bottom	In-situ	--	--	--	--	--	--	290
	15 - 16	08/14/2017	Bottom	In-situ	--	--	--	--	--	--	520
	20 - 21	08/14/2017	Bottom	In-situ	--	--	--	--	--	--	64.3
	25 - 26	08/14/2017	Bottom	In-situ	--	--	--	--	--	--	21.2
	30 - 31	08/14/2017	Bottom	In-situ	--	--	--	--	--	--	26.1
S-14	1.5 - 2.0	08/11/2017	Bottom	Excavated	<0.0225	<0.1573	44.7	1,270	284	1,598.7	1,050
	5.0 - 5.5	08/14/2017	Bottom	In-situ	--	--	<30.9	<30.9	<30.9	<30.9	247
	2	08/14/2017	Side (N)	In-situ	--	--	<28.1	<28.1	<28.1	<28.1	105
	2	08/14/2017	Side (S)	In-situ	--	--	<31.2	<31.2	<31.2	<31.2	192
	2	08/14/2017	Side (E)	In-situ	--	--	<30.5	<30.5	<30.5	<30.5	139
	2	08/14/2017	Side (W)	In-situ	--	--	<29.1	<29.1	<29.1	<29.1	412
S-15	4.5 - 5.0	08/11/2017	Bottom	In-situ	<0.0235	<0.1647	<29.4	<29.4	<29.4	<29.4	34.5
	2	08/11/2017	Side (North)	In-situ	<0.0227	<0.1591	<28.4	<28.4	<28.4	<28.4	14.2
	2	08/11/2017	Side (South)	In-situ	<0.0238	<0.1666	<29.8	<29.8	<29.8	<29.8	5.11
	2	08/11/2017	Side (West)	In-situ	<0.0227	<0.1591	<28.4	<28.4	<28.4	<28.4	112
	2	08/11/2017	Side (East)	In-situ	<0.0227	<0.1591	<28.4	<28.4	<28.4	<28.4	11.4
S-16	0.5 - 1.0	08/11/2017	Bottom	In-situ	<0.0213	<0.1278	<26.6	<26.6	<26.6	<26.6	3,810
	5 - 6	08/14/2017	Bottom	In-situ	--	--	--	--	--	--	70.7
	10 - 11	08/14/2017	Bottom	In-situ	--	--	--	--	--	--	95.2
	15 - 16	08/14/2017	Bottom	In-situ	--	--	--	--	--	--	413

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OCD RRAL:					10	50				1,000	**600
	20 - 21	08/14/2017	Bottom	In-situ	--	--	--	--	--	--	63.8

Notes: analysis\ by Permian Basin Environmental Lab, Midland, Texas, by EPA SW-846 Method 8021B (BTEX), Method 8015M (TPH) and Method 300 (chloride)

Depth in feet below ground surface (bgs)

mg/Kg: milligrams per kilogram equivalent to parts per million (ppm)

* East side of excavation (S-5) joined to west side of adjoining excavation (S-6)

** : OCD delineation limit

P Laboratory analysis pending

Bold and highlighted denotes analyte detected at concentration above the OCD Recommended Remediation Action Level (RRAL)