

TABLE #17
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL
SECTION C - SUBSECTION #16

PLAINS MARKETING, LP
FORMER MALJAMAR STATION
EDDY COUNTY, NEW MEXICO
PLAINS SRS: HDO-95-61 FORMER MALJAMAR STATION
NMOCD REFERENCE #: 2RP-2504

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	METHOD: EPA SW 846-8021B, 5030							METHOD: 8015M			TPH	300.1
				BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M.P. - XYLENES (mg/Kg)	O-XYLENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C ₆ -C ₁₂ (mg/Kg)	DRO C ₁₂ -C ₂₈ (mg/Kg)	ORO C ₂₈ -C ₃₅ (mg/Kg)	C ₆ -C ₃₅ (mg/Kg)	CHLORIDE (mg/Kg)
Sec. C - 16 @ 9' - N. Wall	9'	12/2/2015	Excavated	-	-	-	-	-	-	-	698	8,710	1,070	10,500	1.52
Sec. C - 16 @ 9' - W. Wall	9'	12/2/2015	Excavated	-	-	-	-	-	-	-	1,300	16,200	2,100	19,600	<1.11
Sec. C - 16 @ 5' - Ctr. Wall	5'	12/2/2015	In-Situ	-	-	-	-	-	-	-	<26.9	114	46.2	160	1.95
Sec. C - 16 @ 10' - Ctr. Floor	10'	12/2/2015	Excavated	-	-	-	-	-	-	-	2,540	16,300	2,210	21,100	2.06
Sec. C - 16 @ 12' - Ctr. Floor	12'	12/7/2015	Excavated	-	-	-	-	-	-	-	626	4,460	535	5,620	-
Sec. C - 16 @ 11' - N. Wall	11'	12/22/2015	In-Situ	<0.0011	<0.0022	<0.0011	<0.0022	<0.0011	<0.0022	<0.0022	39.9	344	89.5	473	-
Sec. C - 16 @ 13' - Ctr. Floor	13'	12/22/2015	Excavated	-	-	-	-	-	-	-	1,270	6,250	838	8,360	-
Sec. C - 16 @ 14' - Trench	14'	1/7/2016	Excavated	-	-	-	-	-	-	-	1,470	4,020	201	5,990	-
Sec. C - 16 @ 15' - Trench	15'	1/7/2016	Excavated	-	-	-	-	-	-	-	1,510	4,460	619	6,590	-
Sec. C - 16 @ 16' - Trench	16'	1/7/2016	Excavated	-	-	-	-	-	-	-	1,060	3,560	531	5,150	-
Sec. C - 16 @ 17' - Trench	17'	1/7/2016	In-Situ	<0.0012	0.0168	0.2980	0.3910	0.1550	0.5460	0.8608	342	1,520	179	2,040	-
Sec. C - 16 @ 12' - N. Wall	12'	1/19/2016	In-Situ	-	-	-	-	-	-	-	<27.8	567	65.4	633	-
Sec. C - 16 @ 12' - S. Wall	12'	1/19/2016	In-Situ	-	-	-	-	-	-	-	219	2,350	253	2,820	-
Sec. C - 16 @ 12' - E. Wall	12'	1/19/2016	In-Situ	-	-	-	-	-	-	-	<29.1	124	<29.1	124	-
Sec. C - 16 @ 12' - W. Wall	12'	1/19/2016	In-Situ	-	-	-	-	-	-	-	<27.8	130	<27.8	130	-
Sec. C - 16 @ 16.5' - Ctr. Floor	16.5'	1/19/2016	Excavated	-	-	-	-	-	-	-	720	4,660	395	5,780	-
Sec. C - 16 @ 17' - Ctr. Floor	17'	1/27/2016	In-Situ	<0.0215	0.0849	<0.0215	0.550	0.3180	0.8680	0.9529	396	3,360	614	4,370	-
NMOCD Recommended Remediation Action Level				10						50				5,000	1,000

- = Not analyzed.