

TABLE #26
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL
SECTION D

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 ₉ -C ₃₅ (mg/Kg)	CHLORIDE (mg/Kg)
Sec. B - Floor #5	3'	4/1/2015	Excavated	-	-	-	-	-	-	-	541	4,790	619	5,950	-
Sec. B - Floor #5 @ 10'	10'	9/13/2016	In-Situ	<0.00547	0.0453	0.394	0.475	0.112	0.587	1.026	156	757	146	1,060	-
Sec. B - Floor #6	3'	4/1/2015	Excavated	-	-	-	-	-	-	-	833	9,260	388.0	10,500	-
Sec. B - Floor #6 @ 10'	10'	9/16/2016	In-Situ	-	-	-	-	-	-	-	2,620	4,530	700.0	7,850	-
Sec. C - 11 @ 10' - Floor (S. Wall)	10'	6/23/2016	In-Situ								942	11,300	2,090	14,400	-
Sec. C - 11 @ 14' - Floor (S. Wall)	14'	9/13/2016	In-Situ	0.00120	0.0200	0.0871	0.177	0.0961	0.2731	0.3814	681	1,810	310	2,800	-
Sec. C - 11 @ 16' - Floor (S. Wall)	16'	9/13/2016	In-Situ								<29.1	111	<29.1	111	-
Sec. C - 14 @ 10' - Floor (S. Wall)	10'	6/23/2016	In-Situ	-	-	-	-	-	-	-	662	10,100	1,780	12,500	-
Sec. C - 14 @ 14' - Floor (S. Wall)	14'	9/13/2016	In-Situ	0.0125	0.136	0.4450	0.7780	0.3120	1.0900	1.5350	990	2,990	529	4,510	-
Sec. C - 14 @ 16' - Floor (S. Wall)	15'	9/13/2016	In-Situ	-	-	-	-	-	-	-	835	1,830	305	2,970	-
Sec. C - 14 @ 10' - Floor (SW. Wall)	10'	6/23/2016	In-Situ	-	-	-	-	-	-	-	554	6,930	1,060	8,540	-
Sec. C - 14 @ 14' - Floor (SW. Wall)	14'	9/13/2016	In-Situ	-	-	-	-	-	-	-	315	1,500	313	2,130	-
Sec. C - 14 @ 16' - Floor (SW. Wall)	16'	9/13/2016	In-Situ	-	-	-	-	-	-	-	<29.4	<29.4	<29.4	<29.4	-
Sec. D - 1 @ 6' - Floor	6'	3/30/2016	Excavated	<0.0011	<0.0023	<0.0011	0.0051	0.0042	0.0093	0.0093	32.0	618	196	845	21.9
Sec. D - 2 @ 6' - Floor	6'	3/30/2016	Excavated	-	-	-	-	-	-	-	966	8,460	1,480	10,906	122
Sec. D - 2 @ 10' - Floor	10'	6/23/2016	In-Situ	-	-	-	-	-	-	-	386	4,150	702	5,240	-
Sec. D - 2 @ 14'	14'	8/18/2016	In-Situ	<0.00109	<0.00217	<0.00109	<0.00217	<0.00109	<0.00217	<0.00217	<27.2	36.5	<27.2	36.5	-
Sec. D - 3 @ 5.5' - Floor	5.5'	3/30/2016	Excavated	-	-	-	-	-	-	-	2,340	10,200	1,840	14,380	19.6
Sec. D - 3 @ 10' - Floor	10'	6/23/2016	In-Situ	-	-	-	-	-	-	-	407	4,770	774	5,980	-
Sec. D - 3 @ 14'	14'	8/18/2016	In-Situ	<0.00108	<0.00215	<0.00108	0.00268	<0.00108	0.00268	0.00268	<26.9	476	74.2	550	-
Sec. D - 4 @ 5' - Floor	5'	3/30/2016	Excavated	-	-	-	-	-	-	-	3,000	14,900	3,670	21,570	22.3
Sec. D - 4 @ 10' - Floor	10'	6/23/2016	In-Situ	-	-	-	-	-	-	-	455	18,800	3,590	22,900	-
Sec. D - 4 @ 14'	14'	8/18/2016	In-Situ	<0.00114	<0.00227	<0.00114	<0.00227	<0.00114	<0.00227	<0.00227	<28.4	<28.4	<28.4	<28.4	-
Sec. D - 5 @ 3' - Floor	3'	3/30/2016	Excavated	<0.0011	<0.0023	0.0040	0.0043	<0.0011	0.0043	0.0082	<25.3	241	91.3	332	16.8
Sec. D - 6 @ 6' - Floor	6'	3/30/2016	Excavated	-	-	-	-	-	-	-	2,310	11,500	2,160	15,970	10.2
Sec. D - 6 @ 10' - Floor	10'	6/23/2016	In-Situ	-	-	-	-	-	-	-	3,120	20,000	3,770	26,900	-
Sec. D - 6 @ 14'	14'	8/18/2016	In-Situ	-	-	-	-	-	-	-	2,320	3,720	599	6,640	-
Sec. D - 6 @ 16'	16'	8/18/2016	In-Situ	-	-	-	-	-	-	-	1,530	3,030	484	5,040	-
Sec. D - 6 @ 18'	18'	8/18/2016	In-Situ	<0.00112	<0.00225	<0.00112	<0.00225	<0.00112	<0.00225	<0.00225	<28.1	125	<28.1	125	-
Sec. D - 7 @ 6' - Floor	6'	3/30/2016	Excavated	-	-	-	-	-	-	-	6,340	16,100	3,240	25,680	15.1
Sec. D - 7 @ 10' - Floor	10'	6/23/2016	In-Situ	-	-	-	-	-	-	-	5,000	24,600	4,820	34,500	-
Sec. D - 7 @ 14'	14'	8/18/2016	In-Situ	-	-	-	-	-	-	-	5,180	9,250	1,630	16,000	-
Sec. D - 7 @ 16'	16'	8/18/2016	In-Situ	-	-	-	-	-	-	-	4,610	8,970	1,740	15,300	-
Sec. D - 7 @ 18'	18'	8/18/2016	In-Situ	-	-	-	-	-	-	-	2,690	6,280	1,180	10,100	-
Sec. D - 7 @ 20'	20'	8/18/2016	In-Situ	-	-	-	-	-	-	-	4,150	8,510	1,580	14,200	-
Sec. D - 7 @ 22'	22'	8/18/2016	In-Situ	<0.00118	0.0617	0.455	0.927	0.424	1.351	1.8677	1,090	2,570	464	4,130	-
Sec. D - 8 @ 5.5' - Floor	5.5'	3/30/2016	Excavated	-	-	-	-	-	-	-	1,200	8,090	1,480	10,770	26.4
Sec. D - 8 @ 10' - Floor	10'	6/23/2016	In-Situ	<0.00102	<0.00204	<0.00102	<0.00204	<0.00102	<0.00204	<0.00204	<128	3,360	708	4,070	-
Sec. D - 9 @ 5' - Floor	5'	3/30/2016	Excavated	-	-	-	-	-	-	-	1,610	8,390	1,590	11,590	10.6
Sec. D - 9 @ 10' - Floor	10'	6/23/2016	In-Situ	-	-	-	-	-	-	-	584	6,560	1,130	8,270	-
Sec. D - 9 @ 14'	14'	8/18/2016	In-Situ	-	-	-	-	-	-	-	1,830	4,030	779	6,640	-
Sec. D - 9 @ 16'	16'	8/18/2016	In-Situ	<0.00111	<0.00222	0.238	0.421	0.186	0.607	0.845	1,030	2,890	593	4,510	-
Sec. D - 10 @ 3' - Floor	3'	3/30/2016	Excavated	<0.0010	<0.0020	0.0029	0.0033	<0.0010	0.0033	0.0062	<25.3	35.9	<25.3	35.9	5.03
Sec. D - 11 @ 6' - Floor	6'	3/30/2016	Excavated	-	-	-	-	-	-	-	2,120	9,140	1,640	12,900	25.6
Sec. D - 11 @ 10' - Floor	10'	6/23/2016	In-Situ	-	-	-	-	-	-	-	1,760	14,400	1,900	18,000	-
Sec. D - 11 @ 14'	14'	8/19/2016	In-Situ	-	-	-	-	-	-	-	2,750	4,220	472	7,440	-
Sec. D - 11 @ 16'	16'	8/19/2016	In-Situ	-	-	-	-	-	-	-	1,930	3,420	385	5,740	-
Sec. D - 11 @ 18'	18'	8/19/2016	In-Situ	-	-	-	-	-	-	-	2,320	4,200	491	7,010	-
Sec. D - 11 @ 20'	20'	8/19/2016	In-Situ	<0.00119	0.0821	0.578	0.861	0.345	1.206	1.8661	666	1,380	170	2,220	-
Sec. D - 12 @ 4' - Floor	4'	3/30/2016	Excavated	<0.0010	<0.0021	0.0047	0.0038	0.0031	0.0069	0.0115	<26.0	651	212	864	14.1
Sec. D - 13 @ 4' - Floor	4'	3/30/2016	Excavated	<0.0010	<0.0020	<0.0010	<0.0020	<0.0010	<0.0020	<0.0020	<25.3	<25.3	<25.3	<25.3	3.03
Sec. D - 14 @ 4' - Floor	4'	3/30/2016	Excavated	<0.0010	<0.0020	<0.0010	<0.0020	<0.0010	<0.0020	<0.0020	<25.3	<25.3	<25.3	<25.3	5.39
NMOCD Recommended Remediation Action Level				10						50				5,000	1,000

- = Not analyzed.

CONCENTRATIONS OF BENZENE, BTEX & TPH IN STOCKPILES
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 DATE	SOIL STATUS	METHOD: EPA SW 846-8021B, 5030							METHOD: 8015M			TPH C ₆ -C ₃₅ (mg/Kg)	300.1 CHLORIDE (mg/Kg)
			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)		
Sand Stockpile #1	11/16/2015	Stockpiled	<0.0208	<0.0417	0.0279	0.0421	0.0235	0.0656	0.0935	54.8	915	228	1,200	4.53
Sand Stockpile #2	11/16/2015	Stockpiled	<0.0208	<0.0417	0.1300	0.3970	0.1300	0.5270	0.6570	113	1,610	376	2,100	11.3
Sand Stockpile #3	12/17/2015	Stockpiled	<0.0011	<0.0021	<0.0011	<0.0021	<0.0011	<0.0021	<0.0021	<26.3	314	83.8	397	<1.05
Sand Stockpile #4	12/17/2015	Stockpiled	<0.0011	<0.0021	<0.0011	<0.0021	<0.0011	<0.0021	<0.0021	<26.6	134	38.4	173	<1.06
Sand Stockpile #5	5/12/2016	Stockpiled	<0.0011	<0.0021	0.0033	0.0049	<0.0011	0.0049	0.0082	59.4	1,110	188	1,360	22.4
Sand Stockpile #6	5/12/2016	Stockpiled	<0.0010	<0.0021	<0.0010	<0.0010	0.0011	0.0011	0.0011	73.3	1,610	295	1,980	20.3
Caliche Stockpile #21	5/23/2016	Stockpiled	-	-	-	-	-	-	-	986	8,880	1,010	10,900	27.1
Caliche Stockpile #22	5/23/2016	Stockpiled	-	-	-	-	-	-	-	810	7,290	988	9,080	23.4
Caliche Stockpile #23	5/23/2016	Stockpiled	-	-	-	-	-	-	-	809	6,920	932	8,660	20.6
Caliche Stockpile #24	5/23/2016	Stockpiled	-	-	-	-	-	-	-	791	6,910	925	8,630	20.3
Caliche Stockpile #25	6/6/2016	Stockpiled	-	-	-	-	-	-	-	339	3,830	507	4,680	78.8
Caliche Stockpile #26	6/6/2016	Stockpiled	-	-	-	-	-	-	-	359	4,990	646	6,000	19.8
Caliche Stockpile #27	6/6/2016	Stockpiled	-	-	-	-	-	-	-	403	4,870	641	5,910	27.7
Caliche Stockpile #28	6/6/2016	Stockpiled	-	-	-	-	-	-	-	357	4,660	618	5,640	25.9
Caliche Stockpile #29	6/6/2016	Treated	-	-	-	-	-	-	-	807	7,470	921	9,190	15.5
Caliche Stockpile #30	6/6/2016	Treated	-	-	-	-	-	-	-	852	6,500	817	8,170	15.9
Caliche Stockpile #31	6/6/2016	Treated	-	-	-	-	-	-	-	748	7,000	821	8,570	15.2
Caliche Stockpile #32	6/6/2016	Treated	-	-	-	-	-	-	-	916	7,600	829	9,340	15.6
Caliche Stockpile #33	6/20/2016	Treated	-	-	-	-	-	-	-	836	6,100	842	7,780	28.5
Caliche Stockpile #34	6/20/2016	Treated	-	-	-	-	-	-	-	500	4,020	537	5,060	20.7
Caliche Stockpile #35	6/20/2016	Treated	-	-	-	-	-	-	-	731	5,020	818	6,570	21.8
Caliche Stockpile #36	6/20/2016	Treated	-	-	-	-	-	-	-	801	5,860	633	7,300	22.4
BP #1	6/30/2016	Treated	<0.0211	0.181	<0.0211	1.420	0.340	1.760	1.941	1,100	10,200	1,800	13,100	-
BP #1b	7/13/2016	Treated	-	-	-	-	-	-	-	465	10,400	1,950	12,800	-
BP #1c	8/19/2016	Treated	-	-	-	-	-	-	-	694	6,650	1,480	8,830	-
BP #2	6/30/2016	Treated	<0.0213	0.316	<0.0213	1.850	0.569	2.419	2.735	1,220	11,000	1,930	14,200	-
BP #2b	7/13/2016	Treated	-	-	-	-	-	-	-	366	9,640	1,620	11,600	-
BP #2c	8/19/2016	Treated	-	-	-	-	-	-	-	612	7,170	1,390	9,170	-
BP #3	7/13/2016	Treated	-	-	-	-	-	-	-	465	10,300	1,830	12,600	-
BP #3b	8/19/2016	Treated	-	-	-	-	-	-	-	476	5,540	1,100	7,120	-
BP #4	8/19/2016	Treated	-	-	-	-	-	-	-	337	5,250	1,120	6,710	-
BP #5	8/19/2016	Treated	-	-	-	-	-	-	-	339	5,360	1,130	6,890	-
BP #6	8/19/2016	Treated	-	-	-	-	-	-	-	366	4,660	1,000	6,020	-
BP #7	8/19/2016	Treated	-	-	-	-	-	-	-	405	4,730	899	6,040	-
NMOCD Recommended Remediation Action Level			10						50				5,000	1,000

- = Not analyzed.









