June 20, 2017



Re: Permission to Backfill Section A and Road Crossing Former Maljamar Station NMOCD Reference No. 2RP-2504 Plains SRS No. HDO-95-61 Former Maljamar Station Latitude 32.71932° / Longitude -103.82819° Eddy County, New Mexico

Terracon Consultants Inc. (Terracon), on behalf of Plains Marketing, L.P. (Plains), has prepared this *Permission to Backfill Section A and Road Crossing* for the release site known as the Former Maljamar Station (hereafter referred to as the "site").

BACKGROUND INFORMATION

On February 24, 2017, Plain's submitted *Permission to Install Liner and Backfill Letter* to the Bureau of Land Management (BLM) and New Mexico Oil Conservation Division (NMOCD) requesting permission to install a 20-millimeter polyurethane liner atop impacted soil affected above the NMOCD Recommended Remediation Action Levels (RRAL) in portions of Section D; the letter was subsequently approved.

Beginning March 9, 2017, as per the approved *Permission to Install Liner and Backfill Letter*, a 20millimeter polyurethane liner was installed in portions of the floor of Section D. Upon installing the liner, the excavation was backfilled to approximately 3 ft. bgs with a combination of treated soil stockpiles and locally sourced caliche, in accordance with the NMOCD and BLM. The southwest portion of the excavation was only partially backfilled so the liner could be located while excavating affected soil characterizing the road crossing leading into Section A.

REMEDIATION ACTIVITY LOG

Prior to March 11, 2015, limited remediation activities were conducted in Section A. As per the approved *Remediation Summary & Risk-Based Site Closure Proposal*, dated January 2015, heavily impacted soil was excavated and transported to an NMOCD-approved disposal facility.

On March 11, 2015, representatives of Basin Environmental Services Technologies (Basin) collected ten (10) soil samples (Sec. A- Wall #1, Sec. A- Wall #2, Sec. A- Wall #3, Sec. A- Wall #4, Sec. A- Wall #5, Sec. A- Wall #6, Sec. A- Wall #7, Sec. A- Wall #8, Sec. A- Wall #9 and Sec. A- Floor #1) from the floor and sidewalls of the initial excavation and submitted them to the laboratory for analysis of benzene, toluene, ethylbenzene, total xylene (BTEX) and/or total petroleum hydrocarbon (TPH) concentrations. Laboratory analytical results indicated BTEX and TPH concentrations were less than the NMOCD RRAL in each of the submitted soil samples with the exception of soil sample Sec. A- Floor, which exhibited a TPH concentration of 23,000 milligrams per kilogram (mg/kg). The collected soil samples were not

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analyzed for concentrations of chloride. A "Site and Sample Location Map" is provided at Attachment #1. A "Soil Chemistry Table" is provided as Attachment #2. A "Photographic Log" is provided as Attachment #3.

On March 31, 2017, Terracon collected thirteen (13) soil samples (Sec. A- Floor #2 through Sec. A- Floor #5, Sec. A TT-1 @ 8' and Sec. A- Wall #10 through Sec. A- Wall #17) and submitted them to the laboratory for analysis of BTEX, TPH and chloride in an effort to further characterize soil remaining insitu. Laboratory analytical results from soil samples collected from the floor and sidewalls of the excavated area indicated soil was not affected above the NMOCD RRAL for BTEX, TPH and chloride and that soil was not affected above the NMOCD RRAL for TPH beyond 8 to 8.5 ft. bgs in the area characterized by soil sample Sec. A Floor #1. In addition, nine (9) soil samples (Sec. A- Wall #1b through Sec. A- Wall #9b) were collected from the previous sample locations and submitted to the laboratory for analysis of chloride concentrations, which were determined to be less than the NMOCD RRAL.

On April 3, 2017, remediation activities resumed in Section A and at the road crossing. Impacted soil was excavated, crushed and then placed into approximate 500 cubic yard (cy) stockpiles.

On April 27, 2017, Terracon collected two (2) confirmation soil samples (Sec. A Floor #1b and Road Floor) from the excavated area and submitted them to the laboratory for analysis of BTEX, TPH and chloride concentrations. Laboratory analytical results indicated BTEX, TPH and chloride concentrations were below the NMOCD RRAL in each of the submitted soil samples. In addition, one (1) soil sample (Sec. A Wall #13b) was collected from a stained area discovered during the excavation of impacted soil represented by soil sample Sec. A Floor #1 and submitted to the laboratory for analysis of BTEX, TPH and chloride concentrations. Laboratory analytical results indicated BTEX and chloride concentrations were below the NMOCD RRAL; the concentration of TPH was 20,600 mg/kg. Impacted soil in the area represented by soil sample Sec. A Wall #13b was excavated. Excavation of impacted soil within the caliche access road continued.

On May 4, 2017, Terracon collected three (3) confirmation soil samples (Road West Wall @ 6', Road South Wall @ 6' and Road East Floor @ 8') from the excavated road crossing area and submitted them to the laboratory for analysis of BTEX, TPH and chloride concentrations, which were determined to be below the NMOCD RRAL in each of the submitted soil samples. Excavation of impacted soil within the caliche access road continued toward the east.

On May 11, 2017, Terracon collected one (1) confirmation soil sample (Sec. A Wall #13c) from the area previously characterized by soil sample Sec. A Wall #13b and submitted it to the laboratory for analysis of BTEX and TPH concentrations, which were determined to be below the NMOCD RRAL. In addition, one (1) composite soil sample (5/11 Sec. A Stockpile #1) was collected from an approximate 500-cy crushed soil stockpile and submitted to the laboratory for analysis of BTEX, TPH and chloride concentrations, which were determined to be below the NMOCD RRAL.

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On May 19, 2017, Terracon collected seven (7) confirmation soil samples (Road Floor #2 through Road Floor #4, Road SSW #2 through Road SSW #4 and Road ESW #4) from the excavated portion of the caliche access road and submitted them to the laboratory for analysis of BTEX, TPH and chloride concentrations, which were determined to be below the NMOCD RRAL.

During the excavation of affected soil within the caliche access road, stained soil was identified in the north sidewall of the excavated caliche access road near the southeast corner of Section D. Affected soil was excavated, and three (3) confirmation soil samples (SE Sec. D NSW, SE Sec. D Floor @ 9' and SE Sec. D ESW) were collected and submitted to the laboratory for analysis of BTEX, TPH and/or chloride concentrations. Laboratory analytical results indicated BTEX, TPH and chloride concentrations were below the NMOCD RRAL in each of the submitted soil samples, with the exception of soil sample SE Sec. D Floor @ 9', which exhibited a TPH concentration of 7,190 mg/kg. Impacted soil represented by soil sample SE Sec. D Floor @ 9' was excavated.

During the installation and continued use of the access ramp in the northwest portion of the road crossing excavation, stained soil was identified near the southeast corner of Section B. Upon identifying the affected area, one (1) soil sample (Ramp Stain @ 9') was collected at the existing grade of the caliche access ramp along with one (1) delineation soil sample (Ramp Stain TT @ 18') from soil beneath the affected area. The collected soil samples were submitted to the laboratory for analysis of TPH and chloride. Laboratory analytical results indicated soil sample Ramp Stain @ 9' exhibited a TPH concentration of 8,500 mg/kg; soil sample Ramp Stain TT @ 18' exhibited a TPH concentration of 71.9 mg/kg; chloride concentrations were less than the applicable sample detection limit (SDL) in each of the submitted soil samples. Soil sample Ramp Stain TT @ 18' was also analyzed for concentrations of BTEX, which were determined to be less than the applicable laboratory SDL.

In addition, Terracon collected seven (7) composite soil samples (5/19 Sec. A Stockpile #2 through 5/19 Sec. A Stockpile #8) representing approximate 500-cy stockpiles of crushed soil and submitted them to the laboratory for analysis of BTEX, TPH and chloride. Laboratory analytical results indicated BTEX, TPH and chloride concentrations were below the NMOCD RRAL in each of the submitted soil samples.

On May 25, 2017, Terracon collected one (1) confirmation soil sample [Sec. D-12 SSWb @ 10 (Floor)] from the floor of the excavated area adjacent to the southern portion of Sec. D in the area characterized by soil sample Sec. D-12 SSW @ 8'. The collected soil sample was submitted to the laboratory for analysis of BTEX, TPH and chloride concentrations, which were determined to be below the NMOCD RRAL.

In addition, two (2) composite soil samples (5/25 Sec. A Stockpile #9 and 5/25 Sec. A Stockpile #10), were collected from the approximate 500-cy crushed soil stockpiles and submitted to the laboratory for analysis of BTEX, TPH and chloride concentrations, which were determined to be below the NMOCD RRAL.

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On May 31, 2017, Plains requested NMOCD and BLM permission to excavate impacted soil represented by soil sample Ramp Stain @ 9' and backfill the resulting excavation with stockpiled soil represented by soil sample 5/11 Sec. A Stockpile #1; the requests were subsequently approved.

On June 6, 2017, upon receiving NMOCD and BLM permission, the affected area represented by soil sample Ramp Stain @ 9' was excavated to a depth of approximately 18 ft. bgs. Upon excavating impacted soil, five (5) confirmation soil samples (Ramp Stain Floor @ 18', Ramp Stain NSW @ 17', Ramp Stain ESW @ 17', Ramp Stain SSW @ 17' and Ramp Stain WSW @ 17') were collected from the floor and sidewalls of the excavated area and submitted to the laboratory for analysis of BTEX, TPH and/or chloride concentrations, which were determined to be below the NMOCD RRAL. Upon collecting the necessary confirmation soil samples, the excavated area was backfilled with stockpiled soil represented by soil sample 5/11 Sec. A Stockpile #1.

In addition, one (1) confirmation soil sample (SE Sec. D Floor @ 10') was collected from floor of the excavation in the area previously characterized by soil sample SE Sec. D Floor @ 9' and submitted to the laboratory for analysis of BTEX and TPH concentrations, which were determined to be below the NMOCD RRAL.

On June 8, 2017, Terracon collected three (3) composite soil samples (6/8 Sec. A Stockpile #11 through 6/8 Sec. A Stockpile #13) representing approximate 500-cy stockpiles of crushed soil and submitted them to the laboratory for analysis of BTEX, TPH and chloride. Laboratory analytical results indicated BTEX, TPH and chloride concentrations were below the NMOCD RRAL in each of the submitted soil samples.

PROPOSED ACTIVITIES

Based on review of laboratory analytical results from confirmation soil samples and field activities conducted to date, Terracon, on behalf of Plains, proposes the following activities to continue advancing the remediation site toward an approved closure:

- Backfill the excavated areas in the southern portion of the remediation site with stockpiled soil represented by soil samples 5/19 Sec. A Stockpile #2 through 5/19 Sec. A Stockpile #8, 5/25 Sec. A Stockpile #9, 5/25 Sec. A Stockpile #10 and 6/8 Sec. A Stockpile #11 through 6/8 Sec. A Stockpile #13.
- The affected area will be backfilled to approximately 3 ft. bgs utilizing soil stockpiles exhibiting BTEX, TPH and chloride concentrations that are below the NMOCD RRAL and/or locally sourced caliche, if necessary.
- Upon bringing the affected area up to approximately 3 ft. bgs, the original caliche access road will be rebuilt utilizing locally-sourced caliche.

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- Upon rebuilding the caliche access road, a combination of the remaining portions of stockpiled sand represented by soil samples Sand Stockpile #1 through Sand Stockpile #6 and locallysourced sand would be installed atop the backfill material to ensure approximately 3 ft. of final soil cover. Sand will be contoured to match the surrounding topography in a manner that is conducive to revegetation and limits the potential for erosion.
- Upon completion of the installation of the final soil cover, the affected area will be reseeded with a BLM-approved seed mixture.
- Upon completion of field activities, a Remediation Summary and Risk-Based Site Closure Report will be prepared detailing field activities and laboratory analytical results from confirmation soil samples.

If you have any questions or need any additional information, please feel free to contact Camille Bryant, Remediation Coordinator for Plains Marketing by phone at 575-441-1099, or by email at <u>CJBryant@paalp.com</u>.

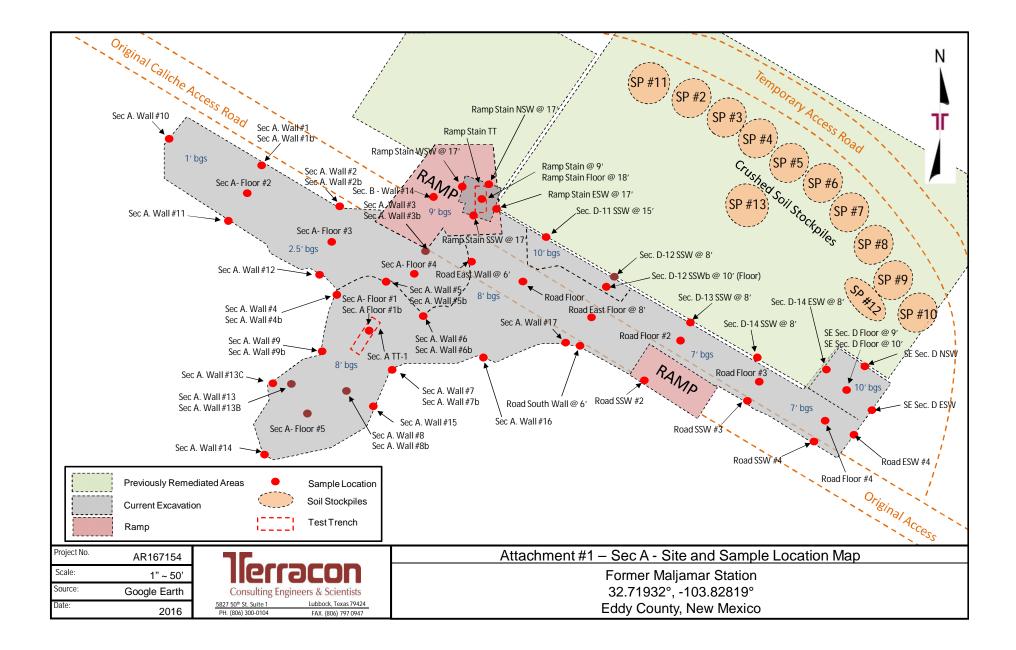
Sincerely, Terracon Consultants, Inc.

Joél Lowry

Project Geologist Lubbock

Senior Associate Office Manager – Lubbock

Attachments: Attachment #1- Site and Sample Location Map Attachment #2- Soil Chemistry Table Attachment #3- Photographic Log



ATTACHMENT #2 CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

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

	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	METHOD: EPA SW 846-8021B. 5030						METHOD: 8015M 300.1					
SAMPLE LOCATION				BENZEN E (ma/Ka)	TOLUEN E (mg/Kg)	ETHYL- BENZEN	M.P XYLENES		TOTAL XYLENES		GRO C ₆ -C ₁₂	DRO C ₁₂ -C ₂₈	ORO C ₂₈ -C ₃₅	TPH C ₆ -C ₃₅ (mg/Kg)	CHLORIDE (mg/Kg)
Sec. A - Wall #1	2'	3/11/2015	In-Situ	<0.0010	<0.0020	E (mg/Kg) <0.0010	(mg/Kg) <0.0020	(mg/Kg) <0.0010	(mg/Kg) <0.0020	(mg/Kg) <0.0020	(mg/Kg) <15.2	(mg/Kg) 50.3	(mg/Kg) <15.2	50.3	-
Sec. A - Wall #2	2'	3/11/2015	In-Situ	< 0.0010	< 0.0021	< 0.0010	< 0.0021	< 0.0010	< 0.0021	< 0.0021	<15.5	66.5	<15.5	66.5	-
Sec. A - Wall #3 Sec. A - Wall #4	2' 4.5'	3/11/2015 3/11/2015	In-Situ In-Situ	<0.0010 <0.0010	<0.0020 <0.0021	<0.0010 <0.0010	<0.0020 <0.0021	<0.0010 <0.0010	<0.0020 <0.0021	<0.0020 <0.0021	<15.4 <15.5	147 <15.5	30.1 <15.5	177 <15.5	-
Sec. A - Wall #5	4.5'	3/11/2015	In-Situ	<0.0011	<0.0022	<0.0011	<0.0022	<0.0011	<0.0022	<0.0022	<16.0	31.5	<16.0	31.5	-
Sec. A - Wall #6 Sec. A - Wall #7	4.5' 4.5'	3/11/2015 3/11/2015	In-Situ In-Situ	<0.0010 <0.0012	<0.0021 <0.0023	<0.0010 <0.0012	<0.0021 <0.0023	<0.0010 <0.0012	<0.0021 <0.0023	<0.0021 <0.0023	<15.8 <17.5	<15.8 <17.5	<15.8 <17.5	<15.8 <17.5	-
Sec. A - Wall #8	4.5'	3/11/2015	In-Situ	<0.0012	<0.0020	<0.0012	<0.0022	<0.0012	<0.0020	<0.0022	<16.6	<16.6	<16.6	<16.6	-
Sec. A - Wall #9	4.5' 6'	3/11/2015	In-Situ	<0.0011	<0.0022	<0.0011	<0.0022	<0.0011	<0.0022	<0.0022	<16.9	94.8	19.8	115.0	-
Sec. A - Floor #1	6	3/11/2015	Exacated	-	-	-	-	-	-	-	4,720	15,800	2,520	23,000	-
Sec. B - Wall #14	2'	4/1/2015	In-Situ	<0.0011	<0.0023	<0.0011	<0.0023	<0.0011	<0.0023	<0.0023	<17.0	620	47.8	668	-
Sand Stockpile #1 Sand Stockpile #2	N/A N/A	11/16/2015 11/16/2015	Stockpiled Stockpiled	<0.0208 <0.0208	<0.0417 <0.0417	0.0279	0.0421 0.3970	0.0235	0.0656	0.0935 0.6570	54.8 113	915 1,610	228 376	1,200 2,100	4.53 11.3
Sand Stockpile #3 Sand Stockpile #4	N/A N/A	12/17/2015 12/17/2015	Stockpiled Stockpiled	<0.0011 <0.0011	<0.0021 <0.0021	<0.0011 <0.0011	<0.0021 <0.0021	<0.0011 <0.0011	<0.0021 <0.0021	<0.0021 <0.0021	<26.3 <26.6	314 134	83.8 38.4	397 173	<1.05 <1.06
Sand Stockpile #5 Sand Stockpile #6	NA NA	5/12/2016 5/12/2016	Stockpiled Stockpiled	<0.0011 <0.0010	<0.0021 <0.0021	0.0033 <0.0010	0.0049	<0.0011 0.0011	0.0049	0.0082	59.4 73.3	1,110 1,610	188 295	1,360 1,980	22.4 20.3
	INA	5/12/2010	Stockpiled	<0.0010	<0.0021	<0.0010	<0.0010	0.0011	0.0011	0.0011	73.3	1,010	295	1,980	20.3
Sec. D - 11 SSW @ 15' Sec. D - 12 SSW @ 8'	15' 10'	12/15/2016 12/15/2016	In-Situ Excavated	<0.00111	<0.00222 0.00408	<0.00111 0.00683	<0.00222 0.0286	<0.00111 0.0132	<0.00222 0.0418	<0.00222 0.05271	53.4 886	447 4,280	81.4 832	582 6,000	-
Sec. D - 12 SSW @ 8 Sec. D - 13 SSW @ 8'	3'	12/15/2016	In-Situ	<0.00119	< 0.00408	< 0.00683	<0.0286	<0.00132	< 0.00233	<0.00233	<29.1	4,280 <29.1	<29.1	<29.1	-
Sec. D - 14 SSW @ 8' Sec. D - 14 ESW @ 8'	10' 18'	12/15/2016 12/15/2016	In-Situ In-Situ	<0.00114 <0.00111	<0.00227 <0.00222	<0.00114 <0.00111	<0.00227 <0.00222	<0.00114 <0.00111	<0.00227 <0.00222	<0.00227 <0.00222	<28.4 <27.8	<28.4 <27.8	<28.4 <27.8	<28.4 <27.8	-
Sec. A- Floor #2	1-1.5'	3/31/2017	In-Situ	<0.00101	<0.00202	<0.00101	<0.00202	<0.00101	<0.00202	<0.00202	<25.3	202	90.9	292	173
Sec. A- Floor #3	2.5-3'	3/31/2017	In-Situ	<0.00101	<0.00202	<0.00101	<0.00202	<0.00101	<0.00202	<0.00202	<25.0	266	103	369	898
Sec. A- Floor #4 Sec. A- Floor #5	2.5-3' 1-1.5'	3/31/2017 3/31/2017	In-Situ In-Situ	<0.00103 <0.00101	<0.00206 <0.00202	<0.00103 <0.00101	<0.00206 <0.00202	<0.00103 <0.00101	<0.00206 <0.00202	<0.00206 <0.00202	<25.8 <25.0	59.7 1,020.0	28.9 442.0	88.5 1,470	<1.03 <1.01
Sec. A- Floor #5 Sec. A TT-1 @ 8'	1-1.5 [°] 4.5'	3/31/2017 3/31/2017	In-Situ In-Situ	<0.00101 <0.00115	<0.00202	<0.00101 <0.00115	<0.00202	<0.00101	<0.00202	<0.00202	<25.0 <28.7	1,020.0 94.2	442.0 30.7	1,470 125	<1.01 <1.15
Sec. A - Wall #1b	1'	3/31/2017	In-Situ	-	-	-	-	-	-	-	-	-	-	-	57.1
Sec. A - Wall #2b Sec. A - Wall #3b	1' 1'	3/31/2017 3/31/2017	In-Situ In-Situ	-	-	-	-	-	-	-	-	-	-	-	3.11 <1.01
Sec. A - Wall #4b	6'	3/31/2017	In-Situ	-	-	-	-	-	-	-	-	-	-	-	2.33
Sec. A - Wall #5b	6'	3/31/2017	In-Situ	-	-	-	-	-	-	-	-	-	-	-	13.90
Sec. A - Wall #6b Sec. A - Wall #7b	6' 6'	3/31/2017 3/31/2017	In-Situ In-Situ	-	-	-	-	-	-	-	-	-	-	-	<1.01 <1.02
Sec. A - Wall #8b	6'	3/31/2017	In-Situ	-	-	-	-	-	-	-	-	-	-	-	<1.01
Sec. A - Wall #9b	6'	3/31/2017	In-Situ	-	-	-	-	-	- <0.00200	- <0.00200	- <25.0	- 115	- 50.4	- 166	38.50 <1.00
Sec. A - Wall #10 Sec. A - Wall #11	1'	3/31/2017 3/31/2017	In-Situ In-Situ	< 0.00100			<0.00200	< 0.00100	<0.00200	<0.00200	<25.3	180.0	93.1	273.0	<1.00
Sec. A - Wall #12	1'	3/31/2017	In-Situ	< 0.00102			<0.00204	< 0.00102		<0.00204	<25.5	<25.5	<25.5	<25.5	<1.02
Sec. A - Wall #13 Sec. A - Wall #14	1' 1'	3/31/2017 3/31/2017	Excavated In-Situ	<0.00100 <0.00101	<0.00200 <0.00202	<0.00100 <0.00101	<0.00200 <0.00202	<0.00100 <0.00101	<0.00200 <0.00202	<0.00200 <0.00202	<25.0 <25.3	199 44.8	71.2 <25.3	270 44.8	<1.00 <1.01
Sec. A - Wall #15	1'	3/31/2017	In-Situ	<0.00101	<0.00202	<0.00101	<0.00202	<0.00101	<0.00202	<0.00202	<129	422.0	139.0	561.0	<1.01
Sec. A - Wall #16 Sec. A - Wall #17	1 1'	3/31/2017 3/11/2015	In-Situ In-Situ	<0.00102 <0.00101	<0.00204 <0.00202	<0.00102 <0.00101	<0.00204 <0.00202	<0.00102 <0.00101	<0.00204 <0.00202	<0.00204 <0.00202	<25.5 <25.3	59.1 <25.3	<25.5 <25.3	59.1 <25.3	<1.02 <1.01
Sec. A Floor #1b	8'	4/27/2017	In-Situ	<0.00117	<0.00227	<0.00117	<0.00227	<0.00117	<0.00227	<0.00227	<28.4	<28.4	<28.4	<28.4	1.14
Sec. A Wall #13b Road Floor	6' 8-8.5	4/27/2017 4/27/2017	Excavated In-Situ	<0.0241 <0.00111	<0.0482 <0.00222	0.255 <0.00111	0.661 <0.00222	0.173 <0.00111	0.824 <0.00222	1.089 <0.00222	840 <27.8	16,200 32.3	3,510 <27.8	20,600 32.3	<1.20 17.70
Road West Wall @ 6'	6'	5/4/2017	In-Situ	<0.0211	<0.0421	<0.0211	<0.0421	<0.0211	<0.0421	<0.0421	<26.3	70.4	<26.3	70.4	393
Road South Wall @ 6'	6'	5/4/2017	In-Situ	<0.0204	<0.0408	<0.0204	<0.0408	<0.0204	<0.0408	<0.0408	<25.5	<25.5	<25.5	<25.5	208
Road East Floor @ 8'	8'	5/4/2017	In-Situ	<0.0233	0.402	0.632	1.98	0.273	2.25	2.89	40.3	1,780.0	473.0	2,300	185
Sec. A Wall #13c (5/11) Sec. A Stockpile #1	6' NA	5/11/2017 5/11/2017	In-Situ Backfill	<0.00115 <0.00104	<0.00230 <0.00208	<0.00115 <0.00104	<0.00230 <0.00208	<0.00115 <0.00104	<0.00230 <0.00208	<0.00230 <0.00208	<28.7 81.9	79.2 1,100	85.6 285	165 1,460	- 31.1
SE Sec. D NSW SE Sec. D Floor @ 9'	8' 9'	5/19/2017 5/19/2017	In-Situ Excavated	<0.00110	<0.00220	<0.00110	<0.00220	<0.00110	<0.00220	<0.00220	<27.5 340	32.3 5,770	<27.5 1,080	32.3 7,190	<1.10 59.3
SE Sec. D ESW	8'	5/19/2017	In-Situ	<0.00106	<0.00213	<0.00106	<0.00213	<0.00106	<0.00213	<0.00213	<26.6	88.3	<26.6	88.3	7.57
Ramp Stain @ 9' Ramp Stain TT @ 18'	9' 18'	5/19/2017 5/19/2017	Excavated In-Situ	- <0.00119	- <0.00238	- <0.00119	- <0.00238	- <0.00119	- <0.00238	- <0.00238	1,380 <29.8	6,240 71.9	877 29.8	8,500 71.9	<1.16 <1.19
Road Floor #2	8'	5/19/2017	In-Situ	<0.00102	<0.00204	<0.00102	<0.00204	<0.00102	<0.00204	<0.00204	<25.5	42.4	<25.5	42.4	325
Road SSW #2	7'	5/19/2017	In-Situ	<0.00101	< 0.00202	<0.00101	<0.00202	<0.00101	<0.00202	< 0.00202	<25.3	<25.3	<25.3	<25.3	5.58
Road Floor #3 Road SSW #3	8' 6'	5/19/2017 5/19/2017	In-Situ In-Situ	<0.00102 <0.00101	<0.00204 <0.00202	<0.00102 <0.00101	<0.00204 <0.00202	<0.00102 <0.00101	<0.00204 <0.00202	<0.00204 <0.00202	<25.5 <25.3	72.1 <25.3	<25.5 <25.3	72.1 <25.3	63.3 <1.01
Road SSW #3 Road Floor #4	6' 7'	5/19/2017 5/19/2017	In-Situ In-Situ	<0.00101	<0.00202	<0.00101	<0.00202	<0.00101	<0.00202	<0.00202	<25.3 <25.3	<25.3 <25.3	<25.3 <25.3	<25.3 <25.3	<1.01 115
Road SSW #4 Road ESW #4	6' 6'	5/19/2017 5/19/2017	In-Situ In-Situ	<0.00108 <0.00102	<0.00215 <0.00204	<0.00108 <0.00102	<0.00215 <0.00204	<0.00108 <0.00102	<0.00215 <0.00204	<0.00215 <0.00204	<26.9 <25.5	<26.9 <25.5	<26.9 <25.5	<26.9 <25.5	252 218
(5/19) Sec. A Stockpile #2	NA	5/19/2017	Stockpiled	<0.00104	<0.00208	<0.00104	<0.00208	<0.00104	<0.00208	<0.00208	27.8	755	145	928	46.3
(5/19) Sec. A Stockpile #3 (5/19) Sec. A Stockpile #4	NA NA	5/19/2017 5/19/2017	Stockpiled Stockpiled	<0.00104 <0.00103	<0.00208 <0.00206	<0.00104 <0.00103	<0.00208 <0.00206	<0.00104 <0.00103	<0.00208 <0.00206	<0.00208 <0.00206	36.8 <25.8	902.0 630	185.0 149.0	1,120 778	33.2 48.0
(5/19) Sec. A Stockpile #5	NA	5/19/2017	Stockpiled	<0.00104	<0.00208	<0.00104	<0.00208	<0.00104	<0.00208	<0.00208	35.6	948	217.0	1,200	30.8
(5/19) Sec. A Stockpile #6 (5/19) Sec. A Stockpile #7	NA NA	5/19/2017 5/19/2017	Stockpiled Stockpiled	<0.00103 <0.00103	<0.00206 <0.00206	<0.00103 <0.00103	<0.00206 <0.00206	<0.00103 <0.00103	<0.00206 <0.00206	<0.00206 <0.00206	<25.8 <25.8	548 500	141 125	689 625	49.7 53.4
(5/19) Sec. A Stockpile #7 (5/19) Sec. A Stockpile #8	NA	5/19/2017	Stockpiled	<0.00103	<0.00206	<0.00103	<0.00206	<0.00103	<0.00206	<0.00206	<25.8	338	91.3	625 69.2	429
Sec. D-12 SSWb @ 10' (Floor)	10'	5/25/2017	In-Situ	<0.00112		<0.00112	<0.00225	<0.00112	<0.00225	<0.00225	<28.1	67.7	28.9	96.5	329
(5/25) Sec. A Stockpile #9 (5/25) Sec. A Stockpile #10	NA NA	5/25/2017 5/25/2017	Stockpiled Stockpiled	<0.00115 <0.00115		<0.00115 <0.00115	<0.00230 <0.00230	<0.00115 0.00234	<0.00230 0.00234	<0.00230 0.00234	<28.7 <28.7	181 186	52.3 54.8	233 241	71.3 34.4
Ramp Stain Floor @ 18'	18'	6/6/2017	In-Situ	<0.00108	<0.00215	<0.00108	<0.00215	<0.00108	<0.00215	<0.00215	<26.9	<26.9	<26.9	<26.9	-
Ramp Stain NSW @ 17	17'	6/6/2017	In-Situ	<0.00106	<0.00213	<0.00106	<0.00213	< 0.00106	<0.00213	<0.00213	<26.6	<26.6	<26.6	<26.6	<1.06
Ramp Stain ESW @ 17'	17'	6/6/2017	In-Situ			< 0.00108			<0.00215		<26.9	<26.9	<26.9	<26.9	<1.08
Ramp Stain SSW @ 17' Ramp Stain WSW @ 17'	17' 17'	6/6/2017 6/6/2017	In-Situ In-Situ	<0.00104 <0.00105		<0.00104 <0.00105			<0.00208 <0.00211	<0.00208 <0.00211	<26.0 <26.3	<26.0 <26.3	<26.0 <26.3	<26.0 <26.3	<1.04 <1.05
SE Sec. D Floor @ 10'	10'	6/6/2017	In-Situ	<0.00108			<0.00215				<26.9	<26.9	<26.9	<26.9	
(6/8) Sec. A Stockpile #11	NA	6/8/2017	Stockpiled	<0.00104	<0.00208	<0.00104	<0.00208	<0.00104	<0.00208	<0.00208	38.9	464	130	633	<1.04
(6/8) Sec. A Stockpile #12 (6/8) Sec. A Stockpile #13	NA NA	6/8/2017 6/8/2017	Stockpiled Stockpiled	<0.00106 <0.00106							<26.6 <26.6	334 282	89.0 52.5	423 334	<1.06 <1.06
			Stockpiled		<u>\0.00213</u>	~0.00106	<u>\0.00213</u>	~0.00106	<u>\0.00213</u>		<20.0	202	52.5		
NMOCD Recommended Remed - = Not analyzed.	liation Actio	on Level		10						50				5,000	1,000

Former Maljamar Station = Eddy County, New Mexico NMOCD Ref. No. 2RP-2504 = Terracon Project No. AR167154



Photographic Log



PHOTO 1: View of portion of the excavated Road Crossing and Section A, facing south.



PHOTO 2: View of excavation of affected in the area characterized by the "Ramp Stain", facing southwest.







PHOTO 3: View of excavation of affected soil in the area characterized by SE Sec. D., facing west.



PHOTO 4: View of portion of the excavated Road Crossing and Section A, facing east.

Former Maljamar Station Eddy County, New Mexico NMOCD Ref. No. 2RP-2504 Terracon Project No. AR167154





PHOTO 5: View of eastern portion of the excavated area, facing west.



PHOTO 6: View of the excavated area characterized as "Ramp Stain", facing southwest.

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PHOTO 7: View of selection of soil stockpiles, facing north.