

From: [Eads, Cristina, EMNRD](#)
To: "Andrew Parker"; [Enviro, OCD, EMNRD](#)
Cc: [David Harwell](#); [Randy Black](#)
Subject: RE: [EXT] NRM2012859198 - Extension Request MSU 551H Advance Energy
Date: Friday, September 18, 2020 7:18:07 AM
Attachments: [image003.png](#)

Andrew,

Thank you for the additional information. Your extension request is approved. Remediation will be due 90 days from today, December 17th, 2020.

Please let me know if you have any questions.

Thanks,

Cristina Eads | 505-670-5601

From: Andrew Parker <AParker@advanceenergypartners.com>
Sent: Thursday, September 17, 2020 5:46 PM
To: Eads, Cristina, EMNRD <Cristina.Eads@state.nm.us>; Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>
Cc: David Harwell <DHarwell@advanceenergypartners.com>; Randy Black <RBlack@advanceenergypartners.com>
Subject: RE: [EXT] NRM2012859198 - Extension Request MSU 551H Advance Energy

Ms. Eads:

Attached is a request for extension of remedial activities at the above referenced location. Fracking and flowback operations are expected to begin in October and equipment is mobilizing to the location where additional remedial activities is necessary.

Please let me know if you have any questions.

Thank you.

Andrew Parker
Env. Scientist
M: (970) 570-9535



From: Eads, Cristina, EMNRD <Cristina.Eads@state.nm.us>
Sent: Friday, June 12, 2020 9:43 AM
To: andrew@rthicksconsult.com; Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>

Cc: 'Randy Black' <RBlack@advanceenergypartners.com>; 'David Harwell' <DHarwell@advanceenergypartners.com>; 'Jacob Saenz' <jacob@rthicksconsult.com>; joel@rthicksconsult.com; 'Kristin Pope' <kristin@rthicksconsult.com>
Subject: RE: [EXT] NRM2012859198 - Extension Request MSU 551H Advance Energy

Andrew,

Thank you for the status update at this incident site. The request for a 90 day extension added to the current remediation due date is granted for the reasons stated in the memo. At this time, a deferral will not be considered. The OCD will evaluate the deferral request when the C-141 and remediation report is reviewed.

Please let me know if you have any questions.

Thanks,

Cristina Eads

Environmental Bureau

EMNRD – Oil Conservation Division

5200 Oakland Avenue NE, Suite 100

Albuquerque, New Mexico 87113

505.670-5601

email: Cristina.Eads@state.nm.us



OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

From: andrew@rthicksconsult.com <andrew@rthicksconsult.com>

Sent: Friday, June 12, 2020 6:56 AM

To: Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>

Cc: 'Randy Black' <RBlack@advanceenergypartners.com>; 'David Harwell' <DHarwell@advanceenergypartners.com>; 'Jacob Saenz' <jacob@rthicksconsult.com>; joel@rthicksconsult.com; 'Kristin Pope' <kristin@rthicksconsult.com>

Subject: [EXT] NRM2012859198 - Extension Request MSU 551H Advance Energy

Ms. Eads:

Per our phone conversation, attached is an extension request to complete remedial activities at the above referenced Advance Energy Partners location.

Please contact me with any questions. Please note I will be out of the office from June 14th through

July 4 . I will have limited email and cell phone coverage.

Thank you.

Andrew Parker
R.T. Hicks Consultants
Durango Field Office
970-570-9535



11490 Westheimer Road, Suite 950, Houston, Texas 77077 • Phone 832-672-4700 • Fax 832-672-4609

September 17, 2020

NMOCD
Albuquerque Office,
5200 Oakland Avenue, N.E. Suite 100,
Albuquerque, NM 87113

RE: NRM2012859198
Extension Request
Merchant State Unit 551H 03302020

Ms. Eads:

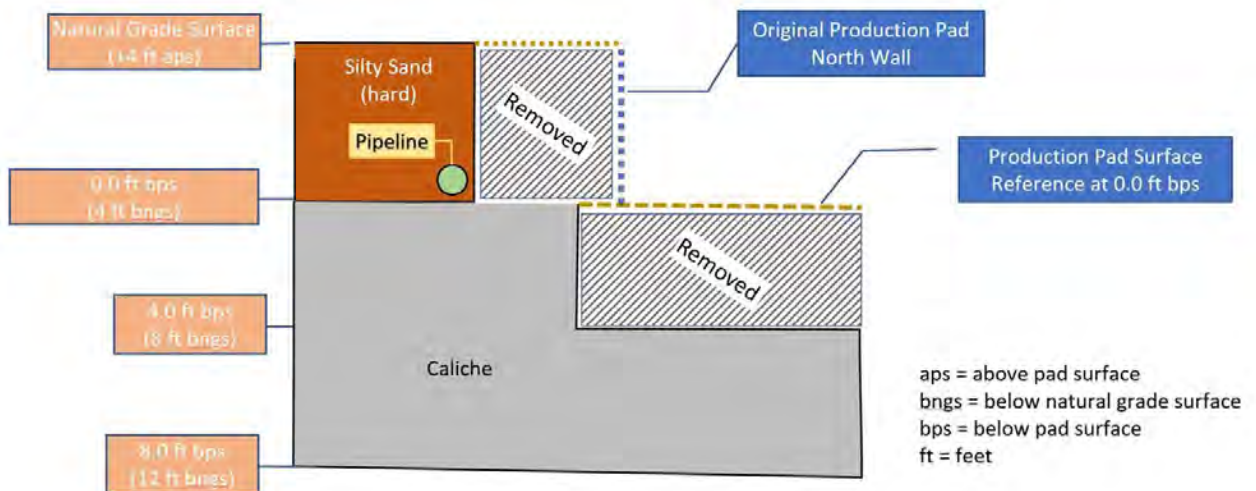
Advance Energy Partners, LLC (Advance Energy) submits this extension request for the completion of remedial activities at the above referenced location. Fracking and flowback operations are commencing on the remaining three west wells and operations are expected to be completed by January 2021. Equipment began moving onto the location last week in preparation for the fracking event. Therefore, we respectfully ask NMOC for an extension of 120-days; with remediation to resume by January 15, 2021

Additional remediation occurred after the approved extension request on June 11, 2020 submitted by R.T. Hicks Consultants. The second excavation period is commonly referred to as Phase 2 and occurred between late July and early September 2020. During Phase 2, remediation of the northeast corner and around the western wellheads occurred. Remediation around the wellheads allowed for the installation of additional flowlines at the three west wells. The remediation extent and phases are shown on map P02-01 (Phase 2, Map 1).

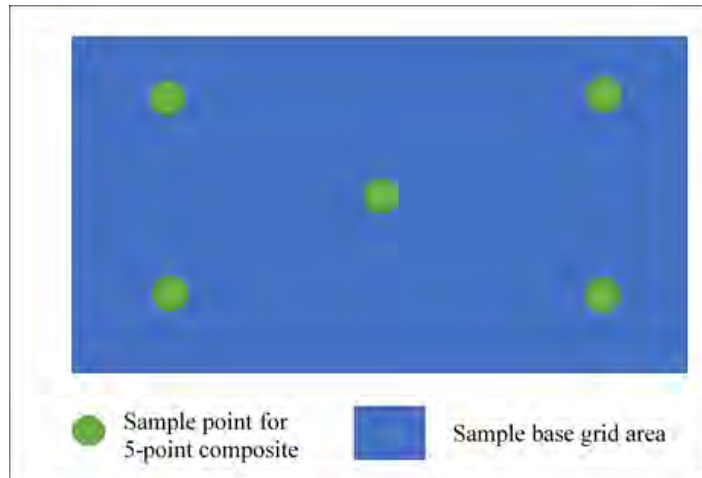
Within the current excavation extent, all bases have been remediated to meet Table 1 of 19.15.29 NMAC closure criteria except in identified locations around electrical lines and wellheads (map P02-02). We are in the process of obtaining bids to conduct a borehole program to validate published depth to water levels. Published data indicates that depth to water is greater than 100 ft. Upon resuming remedial activities, we will begin with the wells that exceed Table 1 of 19.15.29 NMAC closure criteria and as identified on map P02-03.

Additional Details

The production pad surface has a reference point of 0 feet below pad surface (0 ft bps) as shown in the below sketch. The northern portion of the well pad was cut into a natural slope, therefore, the northern portion of the production pad is 4-feet below natural grade surface (bngs). For regulatory purposes, closure criteria of areas on the production pad was measured from the production pad surface. Areas north of the production pad (off location and not in-use) and within the natural grade, depths for closure criteria was measured from +4 feet above pad surface (+4 feet aps).

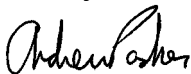


- Table 1 is a summary of laboratory confirmation samples, field electrical conductivity measurements, and sample depths.
- Per email on 05/15/2020, NMOCD approved that base samples shall not represent an area of more than 1200 sq. ft.
- Per email on 05/11/2020, NMOCD approved that 75% of base and wall samples will be sampled for hydrocarbons. All samples will be sampled for Chloride.
- Base samples consist of a 5-point composite as shown below



Please contact me with any questions.

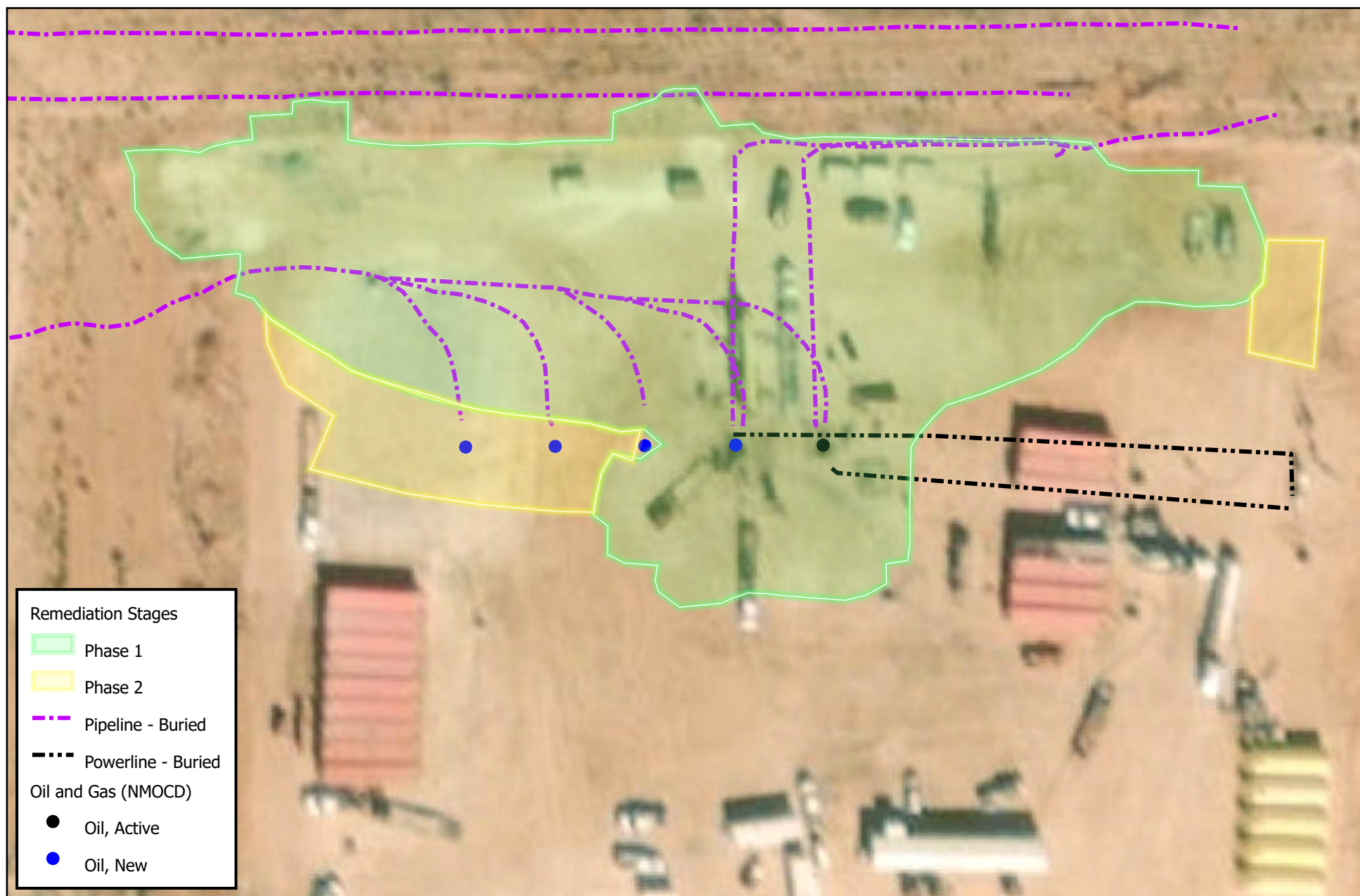
Sincerely,



Andrew Parker
Environmental Scientist
(970) 570-9535

Cc: David Harwell, Randy Black. Advance Energy Partners

September 17, 2020



0 30 60
US Feet

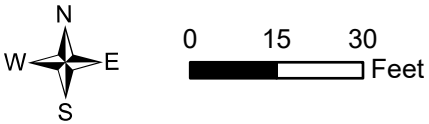
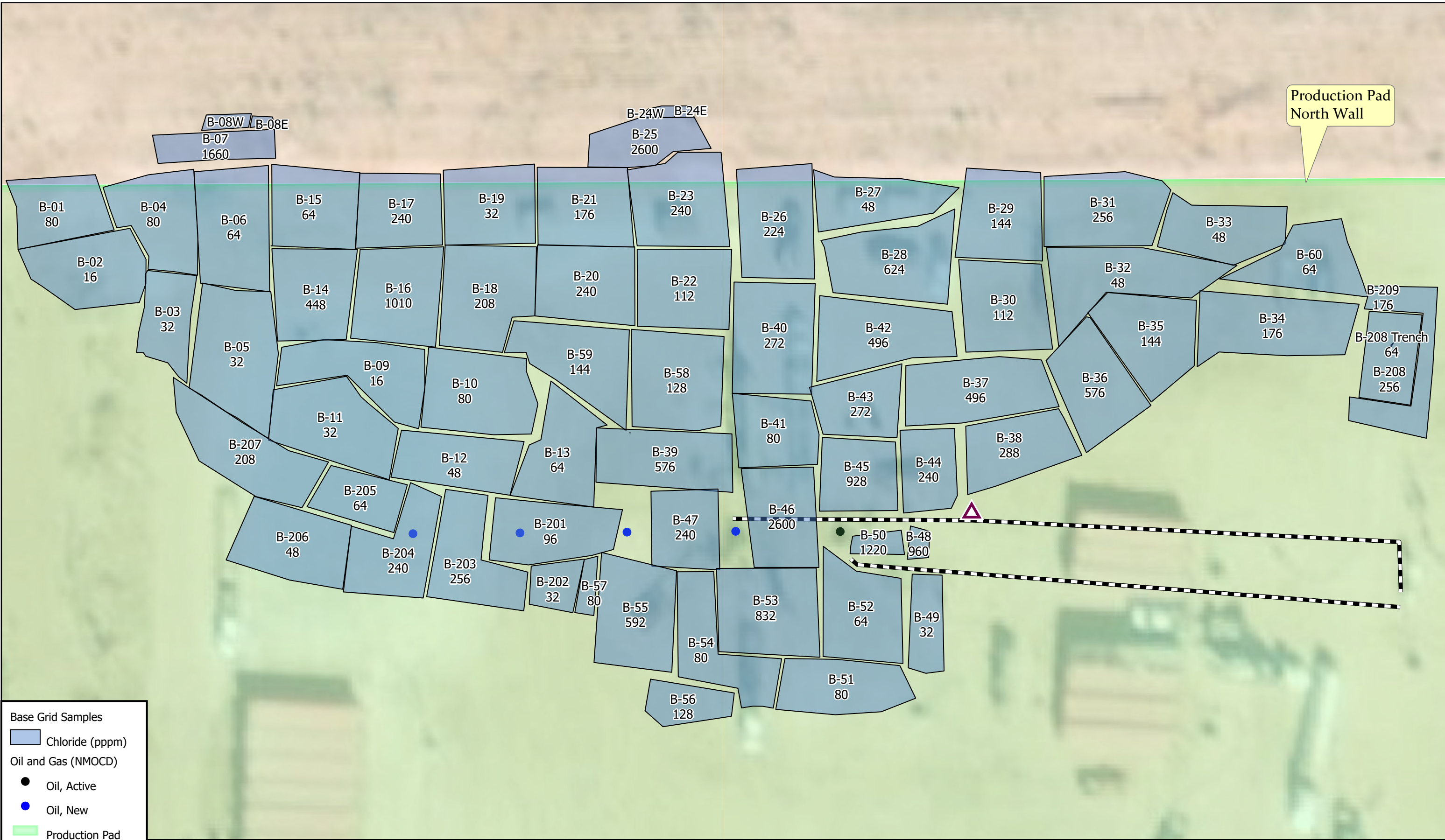
ADVANCE
ENERGY PARTNERS

Remediation Stages

P02-01

Advance Energy Partners Hat Mesa
MSU 551H 03302020

09/17/2020



Base Sampling Diagram
Chloride (ppm)
Advance Energy Partners Hat Mesa LLC
MSU 551H Remediation

P02-02

09/17/2020



Sample ID	Date	Area (Wall/Base)	Discrete Depth (Feet)	Top Depth (Feet)	Bottom Depth (Feet)	In Use (Yes/No)	EC (field) dS/m	Chloride (PPM)	GRO+DRO (PPM)	TPH Ext. (PPM)	Benzene (PPM)	BTEX (PPM)	Comments
NMOCD Closure Criteria			default = bps	default = bps	default = bps								
0 - 4 feet & "not in-use"								600	--	2,500	10	50	
> 4 ft or "in-use"								20,000	1,000	2,500	10	50	
HA-01	3/30/2020	Discrete	0 bps					2,880	98230	98725	<0.2	16.3	Characterization/Removed
HA-01	3/30/2020	Discrete	1 bps				0.54	554	8568	<8578	<0.05	16.4	Characterization/Removed
HA-01	3/30/2020	Discrete	2 bps				1.14	1,200	<233	<243	<0.05	<0.3	Characterization/Removed
HA-02	3/30/2020	Discrete	0 bps					36,000	27302	31232	<0.05	14.7	Characterization/Removed
HA-02	3/30/2020	Discrete	1 bps				1.01	2,440	<74.6	<84.6	<0.05	<0.3	Characterization/Removed
HA-02	3/30/2020	Discrete	2 bps				0.22	192	<20	<30	<0.05	<0.3	Characterization/Removed
HA-03	3/30/2020	Discrete	0 bps					20,000	33630	38200	2.71	121	Characterization/Removed
HA-03	3/30/2020	Discrete	1 bps				1.47	3,120	<1190	<1214.1	<0.05	0.321	Characterization/Removed
HA-03	3/30/2020	Discrete	2 bps				0.97	1,360	<296	<307.8	<0.05	<0.3	Characterization/Removed
W-01	5/8/2020	Wall		+ 4 aps	0 bps		0.11	16	<20	<30	<0.05	<0.3	
W-01	5/8/2020	Wall		0 bps	1 bps (5 bngs)		0.16	64					
W-02	5/8/2020	Wall		+ 4 aps	0 bps	No	0.21	96	<20	<30	<0.05	<0.3	
W-03	5/8/2020	Wall		+ 4 aps	0 bps	No	0.35	256	<20	<30	<0.05	<0.3	
W-04	5/8/2020	Wall		+ 4 aps	0 bps	No	0.34	240	<20	<30	<0.05	<0.3	
W-05	5/8/2020	Wall		0 bps (4 bngs)	4 bps (8 bngs)	No	1.07	912	<20	<30	<0.05	<0.3	
W-06	5/8/2020	Wall		0 bps (4 bngs)	4 bps (8 bngs)	No	13.07	29,200	<20	<30	<0.05	<0.3	Removed
W-06 +2 ft N	6/2/2020	Wall		0 bps (4 bngs)	4 bps (8 bngs)	No	0.38	304	<20	<30	<0.05	<0.3	
W-07	5/8/2020	Wall		+4 aps	0 bps (4 bngs)	No	0.47	352					
W-07	5/8/2020	Wall		0 bps (4 bngs)	4 bps (8 bngs)	No	14.13	24,400	<20	<30	<0.05	<0.3	Removed
W-07 +2 ft N	6/2/2020	Wall		0 bps (4 bngs)	4 bps (8 bngs)	No	0.21	160	<20	<30	<0.05	<0.3	
W-07	5/20/2020	Wall	4.5 bps (8.5 bngs)			No	0.11	80					
W-08	5/8/2020	Wall		+4 aps	0 bps (4 bngs)	No	0.07	32	<20	<30	<0.05	<0.3	
W-08	5/8/2020	Wall		0 bps (4 bngs)	4 bps (8 bngs)	No	14.02	26,000	<20	<30	<0.05	<0.3	Removed
W-08 +2 ft N	6/2/2020	Wall		0 bps (4 bngs)	4 bps (8 bngs)	No	0.10	32	<20	<30	<0.05	<0.3	
W-09	5/9/2020	Wall		+4 aps	0 bps (4 bngs)	No	0.10	32	<20	<30	<0.05	<0.3	
W-09	5/9/2020	Wall		0 bps (4 bngs)	4 bps (8 bngs)	No	7.21	8,000					Removed
W-09	5/20/2020	Wall		0 bps (4 bngs)	4 bps (8 bngs)	No		2,600					
W-09	5/20/2020	Wall	4.5 bps (8.5 bngs)			No	0.24	176					
W-10	5/9/2020	Wall		+4 aps	0 bps (4 bngs)	No	0.04	<16	<20	<30	<0.05	<0.3	
W-10	5/9/2020	Wall		0 bps (4 bngs)	4 bps (8 bngs)	No	5.80	6,930	<20	<30	<0.05	<0.3	Removed
W-10 +2 ft N	6/2/2020	Wall		0 (4 fbgs)	4 (8 fbgs)	No	2.01	2,080	<20	<30	<0.05	<0.3	
W-10	5/21/2020	Wall	4.5 bps (8.5 bngs)			No	0.16	144					
W-11	5/9/2020	Wall		+4 aps	0 bps (4 bngs)	No	0.20	96	<20	<30	<0.05	<0.3	
W-12	5/9/2020	Wall		+4 aps	0 bps (4 bngs)	No	0.15	48	<20	<30	<0.05	<0.3	
W-13	5/9/2020	Wall		0 bps (4 bngs)	4 bps (8 bngs)	No	3.86	26,400					Removed
W-13 +2 ft N	6/2/2020	Wall		0.1 bps (4.1 bngs)	4 bps (8 bngs)	No	0.64	1,180	<20	<30	<0.05	<0.3	
W-14	5/9/2020	Wall		0 (4 fbgs)	4 (8 fbgs)	No	1.08	736	<77.2	<87.2	<0.05	<0.3	
W-15	5/11/2020	Wall		+4 aps	0 bps (4 bngs)	No	0.24	112	<20	<30	<0.05	<0.3	
W-15	5/9/2020	Wall		0 bps (4 bngs)	1.5 bps (5.5 bngs)	No	0.23	160	<20	<30	<0.05	<0.3	
W-16	5/11/2020	Wall		+4 aps	0 bps (4 bngs)	No	0.09	48	<20	<30	<0.05	<0.3	
W-16	5/11/2020	Wall		0 bps (4 bngs)	2.5 bps (6.5 bngs)	No	0.13	400	<20	<30	<0.05	<0.3	
W-17	5/11/2020	Wall		+4 aps	0 bps (4 bngs)	No	0.09	48					
W-17	5/11/2020	Wall		0 bps (4 bngs)	4 bps (8 bngs)	No	0.44	288	<20	<30	<0.05	<0.3	
W-18	5/12/2020	Wall		+4 aps	0 bps (4 bngs)	No	0.09	32					
W-18	5/11/2020	Wall		0 bps (4 bngs)	4 bps (8 bngs)	No	0.51	416	<20	<30	<0.05	<0.3	
W-19	5/21/2020	Wall		+4 aps	0 bps (4 bngs)	No	0.19	32					
W-19	5/12/2020	Wall		0 bps (4 bngs)	4 bps (8 bngs)	No	0.23	64	<20	<30	<0.05	<0.3	
W-20	5/12/2020	Wall		0.0	3.0		0.57	272	<23.8	<33.8	<0.05	<0.3	

Table 1
Summary of Analytical

Sample ID	Date	Area (Wall/Base)	Discrete Depth (Feet)	Top Depth (Feet)	Bottom Depth (Feet)	In Use (Yes/No)	EC (field) dS/m	Chloride (PPM)	GRO+DRO (PPM)	TPH Ext. (PPM)	Benzene (PPM)	BTEX (PPM)	Comments
NMOCD Closure Criteria			default = bps	default = bps	default = bps								
0 - 4 feet & "not in-use"								600	--	2,500	10	50	
> 4 ft or "in-use"								20,000	1,000	2,500	10	50	
W-21	5/12/2020	Wall		0.0	1.0		1.71	1,470	<20	<30	<0.05	<0.3	Removed
W-21 North	5/22/2020	Wall	1.0				0.99						Removed
W-21 N-S	5/22/2020	Wall	1.0				0.16						Removed
W-21 S-N	5/22/2020	Wall	1.0				9.0/4.3/1.5						Removed
W-21 South	5/22/2020	Wall	1.0				2.46						Removed
W-21 S	5/22/2020	Wall	2.0				2.10						Removed
W-21	6/3/2020	Wall		0.0	2.5		0.39	480	<20	<30	<0.05	<0.3	
W-22	5/12/2020	Wall		0.0	2.0		1.80	1,380					Remove
W-23	5/12/2020	Wall		0.0	2.0		1.47	1,040	<43.1	<53.1	<0.05	<0.3	Remove
W-24	5/12/2020	Wall		0.0	2.5		1.12	688					Remove Top Foot
W-24 Caliche pad	5/22/2020	Wall	0.5				1.79						Remove
W-24 Resample	5/28/2020	Wall		0.0	1.0		2.01	1,600	<20	<30	<0.05	<0.3	Remove Top Foot
W-24 Resample	5/28/2020	Wall		1.0	2.0		0.17	96	<20	<30	<0.05	<0.3	Lower foot good
W-25	5/12/2020	Wall		0.0	4.0		4.11	2,800	<20	<30	<0.05	<0.3	Remove
W-27	5/25/2020	Wall		0.0	1.0		0.34	304	<33.4	<43.4	<0.05	<0.3	
W-28	6/4/2020	Wall		2.0	4.0		0.16	64	<20	<30	<0.05	<0.3	
W-29	6/4/2020	Wall		0.0	4.0		1.46	1,220	<69.4	<79.4	<0.05	<0.3	
W-30	6/4/2020	Wall		0.0	2.0		2.57	2,240	<528	<670	<0.05	<0.3	Removed
W-30 South	5/25/2020	Wall	1.0				2.06						Removed
W-30 S-N	5/25/2020	Wall	1.0				1.06						Removed
W-30 N-S	5/25/2020	Wall	1.0				0.42						Removed
W-30 North	5/25/2020	Wall	1.0				0.68						Removed
W-31	5/25/2020	Wall		1.0	4.0		0.34	656	<20	<30	<0.05	<0.3	Removed
W-31	6/4/2020	Wall		2.0	4.0		0.10	128	<20	<30	<0.05	<0.3	
W-32	6/5/2020	Wall		0.0	4.0		0.28	336	<20	<30	<0.05	<0.3	
W-33	5/25/2020	Wall		0.0	4.0		0.11	48	<20	<30	<0.05	<0.3	
W-34	5/25/2020	Wall		0.0	1.0		0.23	112					
W-35	5/25/2020	Wall		1.0	4.0		0.10	32	<20	<30	<0.05	<0.3	
W-36	5/27/2020	Wall		0.0	2.5		1.98	4,400	<20	<30	<0.05	<0.3	Defer/Electrical
W-36	5/27/2020	Wall	3.0				0.09	208					
W-37	6/4/2020	Wall		0.0	4.0		1.46	1,710	<20.4	<30.4	<0.05	<0.3	Defer/Electrical
W-37	5/27/2020	Wall	2.0				0.61	403					Defer/Electrical
W-38	5/27/2020	Wall		0.0	2.0		2.67	1,600					Defer/Electrical
W-39	5/27/2020	Wall		0.0	3.0			4,000	<20	<30	<0.05	<0.3	Defer/Electrical
W-39	5/27/2020	Wall	4.0				0.24	320					
W-40	5/27/2020	Wall		0.0	1.0		2.12	2,480	<61.2	<71.2	<0.05	<0.3	Removed
W-41	6/3/2020	Wall		0.0	2.0		1.69	1140	<20	<30	<0.05	<0.3	Remove Partially
W-42	6/4/2020	Wall		0.0	4.0		0.47	192	<94.1	<104.1	<0.05	<0.3	
W-43	6/4/2020	Wall		0.0	1.5		0.64	544	<20	<30	<0.05	<0.3	
W-201	7/29/2020	Wall		0.0	4.0		2.57	1,940	<369	<453.4	<0.05	<0.3	Remove
W-202	7/29/2020	Wall		0.0	4.0		0.23	192	<20	<30	<0.05	<0.3	
W-203	7/29/2020	Wall		0.0	4.0		2.47	1,180	<63	<73	<0.05	<0.3	Remove
W-204	7/29/2020	Wall		0.0	1.5		0.51	272	<78.1	<89.9	<0.05	<0.3	
W-205	7/29/2020	Wall		0.0	1.0		0.39	224	<156	<166	<0.05	<0.3	
W-206	7/29/2020	Wall		1.0	2.0		1.57	1,280	<20	<30	<0.05	<0.3	Divided into East, West, South
W-206 W.	8/3/2020	Wall		1.0	2.0		0.10	64	<20	<30	<0.05	<0.3	
W-206 S.	8/3/2020	Wall		1.0	2.0		0.08	16	<20	<30	<0.05	<0.3	
W-206 E.	8/3/2020	Wall		1.0	2.0		0.97	1,390	<20	<30	<0.05	<0.3	Removed
W-210	7/29/2020	Wall		0.0	2.0		0.84	592	<139	<149	<0.05	<0.3	Removed

Sample ID	Date	Area (Wall/Base)	Discrete Depth (Feet)	Top Depth (Feet)	Bottom Depth (Feet)	In Use (Yes/No)	EC (field) dS/m	Chloride (PPM)	GRO+DRO (PPM)	TPH Ext. (PPM)	Benzene (PPM)	BTEX (PPM)	Comments
NMOCD Closure Criteria			default = bps	default = bps	default = bps								
0 - 4 feet & "not in-use"								600	--	2,500	10	50	
> 4 ft or "in-use"								20,000	1,000	2,500	10	50	
W-210 North	9/1/2020	Wall		0.0	4.0			48	<20	<30	<0.05		
W-210 East	9/1/2020	Wall		0.0	4.0			272	<20	<30	<0.05		
W-210 South	9/1/2020	Wall		0.0	4.0			576	<20	<30	<0.05		
W-211	7/30/2020	Wall		2.0	4.0		2.00	1,460	<20	<30	<0.05	<0.3	Removed
W-213	7/30/2020	Wall		0.0	2.0		0.89	688	<20	<30	<0.05	<0.3	Remove
B-01	5/25/2020	Base	1.0				0.12	80	<20	<30	<0.05	<0.3	
B-02	5/25/2020	Base	1.0				0.07	16	<20	<30	<0.05	<0.3	
B-03	5/25/2020	Base	4.2				0.10	32					
B-04	5/25/2020	Base	4.2				0.10	80	<20	<30	<0.05	<0.3	
B-05	5/25/2020	Base	4.2				0.15	32					
B-06	5/25/2020	Base	4.2				0.09	64	<20	<30	<0.05	<0.3	
B-07	6/4/2020	Base	1 bps (5 bngs)			No	1.56	1,660	<20	<30	<0.05	<0.3	
B-08 E	5/25/2020	Base	0.1 bps (4.1 bngs)			No	0.38	272					
B-08 W	5/25/2020	Base	0.1 bps (4.1 bngs)			No	1.10	960	<20	<30	<0.05	<0.3	
B-09	6/3/2020	Base	2.5					16	<20	<30	<0.05	<0.3	
B-10	5/25/2020	Base	2.5				0.14	80	<20	<30	<0.05	<0.3	
B-11	5/26/2020	Base	1.5				0.08	32					
B-12	5/26/2020	Base	1.5				0.40	624	<20	<30	<0.05	<0.3	Removed
B-12	6/3/2020	Base	3.0				0.09	48	<20	<30	<0.05	<0.3	
B-13	5/26/2020	Base	1.5				3.25	3,080	<353	<363	<0.05	<0.3	Removed
B-13	6/3/2020	Base	4.2				0.10	64	<20	<30	<0.05	<0.3	
B-14	5/26/2020	Base	4.3				0.77	448					
B-15	5/26/2020	Base	4.3				0.16	64	<20	<30	<0.05	<0.3	
B-16	5/26/2020	Base	4.3				1.21	1,010	<20	<30	<0.05	<0.3	
B-17	5/26/2020	Base	4.3				0.35	240	<20	<30	<0.05	<0.3	
B-18 CI	5/26/2020	Base	4.3				9.11	15,600					Removed
B-18	5/26/2020	Base	4.3				0.29	304*	<20	<30	<0.05	<0.3	Removed
B-18	6/5/2020	Base	5.5				0.20	208	<20	<30	<0.05	<0.3	
B-19 CI	5/26/2020	Base	4.3				>20	25800					Removed
B-19	5/26/2020	Base	4.3				7.59	8660*					Removed
B-19	6/5/2020	Base	5.5				0.10	32	<20	<30	<0.05	<0.3	
B-20	5/26/2020	Base	4.2				0.22	240	<25.3	<35.3	<0.05	<0.3	

Sample ID	Date	Area (Wall/Base)	Discrete Depth (Feet)	Top Depth (Feet)	Bottom Depth (Feet)	In Use (Yes/No)	EC (field) dS/m	Chloride (PPM)	GRO+DRO (PPM)	TPH Ext. (PPM)	Benzene (PPM)	BTEX (PPM)	Comments
NMOCD Closure Criteria			default = bps	default = bps	default = bps								
0 - 4 feet & "not in-use"								600	--	2,500	10	50	
> 4 ft or "in-use"								20,000	1,000	2,500	10	50	
B-21 Cl	5/26/2020	Base	4.2				13.40	13800					Removed
B-21	5/26/2020	Base	4.2				1.46	1500*					Removed
B-21	6/5/2020	Base	5.5				0.29	176	<20	<30	<0.05	<0.3	
B-22 Cl	5/26/2020	Base	4.2				6.84	13600					Removed
B-22	5/26/2020		4.2				0.29	160*	<20	<30	<0.05	<0.3	Removed
B-22	6/4/2020	Base	5.5				0.13	112	<20	<30	<0.05	<0.3	
B-23	5/26/2020	Base	4.2				0.34	240	<20	<30	<0.05	<0.3	
B-24 E	5/26/2020	Base	0.1 bps (4.1 bngs)			No	3.06	7,120	<20	<30	<0.05	<0.3	Pipeline
B-24 W	5/26/2020	Base	0.1 bps (4.1 bngs)			No	0.67	1,310					Pipeline
B-25	5/26/2020	Base	1 bps (5 bngs)			No	6.51	10,400	<20	<30	<0.05	<0.3	Removed
B-25	6/3/2020	Base	1.5 bps (5.5 bngs)			No	2.56	2,600	<20	<30	<0.05	<0.3	
B-26 Cl	5/26/2020	Base	2.5				0.68	752					Removed
B-26	5/26/2020	Base	2.5				0.11	32					Removed
B-26	6/4/2020	Base	3.0				0.13	224	<23.2	<33.2	<0.05	<0.3	
B-27	5/26/2020	Base	3.0				0.13	48	<20	<30	<0.05	<0.3	
B-28	5/26/2020	Base	4.2				0.85	624					
B-29	5/26/2020	Base	4.2				0.34	144	<91	<101	<0.05	<0.3	
B-30	5/26/2020	Base	4.2				0.11	112	<20	<30	<0.05	<0.3	
B-31	5/26/2020	Base	4.2				0.44	256	<52.4	<62.4	<0.05	<0.3	
B-32	5/26/2020	Base	2.5				0.42	624					Removed
B-32	6/3/2020	Base	3.0				0.12	48	<20	<30	<0.05	<0.3	
B-33	5/26/2020	Base	3.0				0.08	48	<105.3	<115.3	<0.05	<0.3	
B-34	5/26/2020	Base	1.5				1.04	688	<53.4	<63.4	<0.05	<0.3	Removed
B-34	6/3/2020	Base	3.0				0.21	176	<20	<30	<0.05	<0.3	
B-35	5/26/2020	Base	2.0				1.26	1,180	<112	<128.7	<0.05	<0.3	Removed
B-35	6/3/2020	Base	3.0				0.18	144	<20	<30	<0.05	<0.3	

Sample ID	Date	Area (Wall/Base)	Discrete Depth (Feet)	Top Depth (Feet)	Bottom Depth (Feet)	In Use (Yes/No)	EC (field) dS/m	Chloride (PPM)	GRO+DRO (PPM)	TPH Ext. (PPM)	Benzene (PPM)	BTEX (PPM)	Comments
NMOCD Closure Criteria			default = bps	default = bps	default = bps								
0 - 4 feet & "not in-use"								600	--	2,500	10	50	
> 4 ft or "in-use"								20,000	1,000	2,500	10	50	
B-36	5/26/2020	Base	2.0				0.84	576					
B-37	5/26/2020	Base	2.0				0.98	496	<80.4	<90.4	<0.05	<0.3	
B-38	5/26/2020	Base	2.0				0.45	288	<43.1	<53.1	<0.05	<0.3	
B-39	5/27/2020	Base	4.2				0.39	576	<20	<30	<0.05	<0.3	
B-40	5/27/2020	Base	3.0				0.20	272					
B-41	5/27/2020	Base	3.0				0.09	80					
B-42	5/27/2020	Base	2.5				0.33	496	<20	<30	<0.05	<0.3	
B-43	5/27/2020	Base	2.5				0.34	784					Removed
B-43	6/2/2020	Base	3.0				0.25	272	<20	<30	<0.05	<0.3	
B-44	5/27/2020	Base	3.0				0.23	240					
B-45	5/27/2020	Base	4.2				0.42	928	<20	<30	<0.05	<0.3	
B-46	5/27/2020	Base	4.2				1.05	2,600	<20	<30	<0.05	<0.3	
B-47	5/27/2020	Base	4.2				0.35	240					
B-48	5/28/2020	Base	2.0				0.55	960	<20	<30	<0.05	<0.3	Defer/Electric Line
B-49	5/28/2020	Base	2.0				0.08	32	<20	<30	<0.05	<0.3	
B-50	5/28/2020	Base	4.1				1.10	1,220	<20	<30	<0.05	<0.3	
B-51	5/28/2020	Base	3.0				0.10	80	<20	<30	<0.05	<0.3	
B-52	5/28/2020	Base	4.2				0.19	64					
B-53	5/28/2020	Base	4.2				0.61	832	<20	<30	<0.05	<0.3	
B-54	5/28/2020	Base	4.2				3.55	4160*	<20	<30	<0.05	<0.3	Removed
B-54 NW	5/28/2020	Base	4.2				8.07	11,900					Removed
B-54 S .75	5/28/2020	Base	4.2				0.34	272	<20	<30	<0.05	<0.3	Removed
B-54	6/4/2020	Base	5.5				0.17	80	<20	<30	<0.05	<0.3	
B-56	5/28/2020	Base	1.0				0.74	608	<20	<30	<0.05	<0.3	Removed
B-56 E .75	5/28/2020	Base	1.0				0.74						Removed
B-56 SW	5/28/2020	Base	1.0				0.67						Removed
B-55	5/28/2020	Base	4.2				0.51	592					
B-56	6/3/2020	Base	2.0				0.12	128	<20	<30	<0.05	<0.3	
B-57	5/28/2020	Base	1.0				0.80	464					Removed
B-57	6/4/2020	Base	2.0				0.13	80	<20	<30	<0.05	<0.3	
B-58	6/2/2020	Base	4.2				0.13	128	<20	<30	<0.05	<0.3	
B-59	6/2/2020	Base	4.2				0.19	144	<20	<30	<0.05	<0.3	
B-60	6/3/2020	Base	3.0				0.13	64	<20	<30	<0.05	<0.3	
B-201	7/28/2020	Base	4.2				0.13	96	<20	<30	<0.05	<0.3	
B-202	7/28/2020	Base	4.2				0.10	32	<20	<30	<0.05	<0.3	
B-203	7/28/2020	Base	2.0				0.25	256	<20	<30	<0.05	<0.3	
B-204	7/28/2020	Base	1.5				0.23	240	<20	<30	<0.05	<0.3	
B-205	7/28/2020	Base	1.5				0.13	64	<20	<30	<0.05	<0.3	
B-206	7/28/2020	Base	1.0				0.14	48	<20	<30	<0.05	<0.3	
B-207	7/28/2020	Base	1.0				0.23	208	<41.6	<51.6	<0.05	<0.3	
B-208	7/30/2020	Base	4.2				0.28	256	<20	<30	<0.05	<0.3	
B-208 Trench	7/30/2020	Base	7.0				0.14	64	<20	<30	<0.05	<0.3	
B-209	7/30/2020	Base	2.0				0.42	176	<20	<30	<0.05	<0.3	
Backfill 1 E	5/28/2020	Composite						64	<20	<30	<0.05	<0.3	Backfill Stockpile
Backfill 1 W	5/28/2020	Compoiste						16	<20	<30	<0.05	<0.3	Backfill Stockpile