

04/05/2019



Antero Resources
1615 Wynkoop Street
Denver, CO 80202
Office 303.357.7310
Fax 303.357.7315

April 3, 2019

West Virginia Department of Environmental Protection
Office of Oil and Gas
601 57th Street
Charleston, WV 25304

To Whom It May Concern:

Please find enclosed the Well Operator's Report of Well Work, Form WR-35 (including As-Drilled Survey Plat, Directional Survey and FracFocus report), Discharge Monitoring Report Form WR-34 and corresponding logs for the following wells:

- Penny Unit 1H (API # 47-085-10298)—Mulvay Pad
- Penny Unit 2H (API # 47-085-10299)—Mulvay Pad
- Penny Unit 3H (API # 47-085-10300)—Mulvay Pad
- Stronsnider Unit 1H (API # 47-085-10201)—Mulvay Pad
- Stronsnider Unit 2H (API # 47-085-10202)—Mulvay Pad
- Stronsnider Unit 3H (API # 47-085-10203)—Mulvay Pad
- Trust Unit 1H (API # 47-085-10301)—Mulvay Pad
- Trust Unit 2H (API # 47-085-10302)—Mulvay Pad
- Niley Unit 1H (API # 47-085-10250)—Mulvay Pad
- Niley Unit 2H (API # 47-085-10251)—Mulvay Pad
- Niley Unit 3H (API # 47-085-10252)—Mulvay Pad

If you have any questions please feel free to contact me at (303) 357-7223.

Sincerely,

A handwritten signature in black ink, appearing to read "M. Griffith", is written over a light blue circular stamp.

Megan Griffith
Permitting Agent
Antero Resources Corporation

Enclosures

WR-35
Rev. 8/23/13

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

API 47 - 085 - 10202 County Ritchie District Clay
 Quad Pennsboro 7.5' Pad Name Mulvay Pad Field/Pool Name -----
 Farm name Edwin D. Mulvay et al Well Number Stronsnider Unit 2H
 Operator (as registered with the OOG) Antero Resources Corporation
 Address 1615 Wynkoop Street City Denver State CO Zip 80202

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
 Top hole Northing 4352584m Easting 508709m
 Landing Point of Curve Northing 4352627.68m Easting 508574.45m
 Bottom Hole Northing 4355164m Easting 507748m

Elevation (ft) 1029' GL Type of Well New Existing Type of Report Interim Final
 Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
 Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
 Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
 Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
 Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
 Production hole Air Mud Fresh Water Brine

Mud Type(s) and Additive(s)

Air - Foam & 4% KCL

Mud - Polymer

Date permit issued 3/27/2015 Date drilling commenced 12/24/2016 Date drilling ceased 6/19/2017
 Date completion activities began 1/19/2018 Date completion activities ceased 8/23/2018
 Verbal plugging (Y/N) N/A Date permission granted N/A Granted by N/A

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 24', 76', 124', 422' Open mine(s) (Y/N) depths No
 Salt water depth(s) ft 1522', 1949' Void(s) encountered (Y/N) depths No
 Coal depth(s) ft 653', 664' Cavern(s) encountered (Y/N) depths No
 Is coal being mined in area (Y/N) No

Reviewed by:

WR-35
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API 47-085 - 10202 Farm name Edwin D. Mulvay et al Well number Stronsnider Unit 2H

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/ N) * Provide details below*
Conductor	24"	20"	95'	New	94#, H-40	N/A	Y
Surface	17-1/2"	13-3/8"	553'	New	48#, H-40	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	2609'	New	36#, J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4"/8-1/2"	5-1/2"	15616'	New	23#, P-110	N/A	Y
Tubing		2-3/8"	6582'		4.7#, N-80		
Packer type and depth set		N/A					

Comment Details _____

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor	Class A	204 sx	15.6	1.18	120	0'	8 Hrs.
Surface	Class A	500 sx	15.6	1.18	826	0'	8 Hrs.
Coal							
Intermediate 1	Class A	880 sx	15.6	1.18	1181	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class H	722 sx (Lead) 1378 sx (Tail)	13.5 (Lead), 15.2 (Tail)	1.56 (Lead), 1.83 (Tail)	3774	~500' into intermediate casing	8 Hrs.
Tubing							

Drillers TD (ft) 15616' MD, 6407' TVD (BHL), 6411' (Deepest Point Drilled) Loggers TD (ft) 15616' MD

Deepest formation penetrated Marcellus Plug back to (ft) N/A

Plug back procedure N/A

Kick off depth (ft) 5900'

Check all wireline logs run caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING _____

Conductor - 0

Surface - 1 above guide shoe, 1 above insert float, 1 every 4th joint to surface

Intermediate - 1 above float joint, 1 above float collar, 1 every 4th joint to surface

Production - 1 above float joint, 1 below float collar, 1 every 3rd joint to top of cement

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED N/A

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API 47- 085 - 10202 Farm name Edwin D. Mulvay et al Well number Stronsnider Unit 2H

PRODUCING FORMATION(S)	DEPTHS		
Marcellus	6361' (TOP)	TVD	6616' (TOP) MD

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 2800 psi Bottom Hole --- psi DURATION OF TEST --- hrs

OPEN FLOW Gas 8648 mcfpd Oil 47 bpd NGL --- bpd Water 13 bpd GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
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***PLEASE SEE ATTACHED EXHIBIT 3**

Please insert additional pages as applicable.

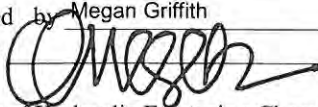
Drilling Contractor Frontier Drilling LLC
Address 562 Spring Run Road City Pennsboro State WV Zip 26415

Logging Company Allied Horizontal Wireline Services
Address 381 Colonial Manor Road City North Huntington State PA Zip 15642

Cementing Company C&J Energy Services
Address 1650 Hackers Creek City Jane Lew State WV Zip 26378

Stimulating Company Baker Hughes
Address 837 Philippi Pike City Clarksburg State WV Zip 26301

Please insert additional pages as applicable.

Completed by Megan Griffith Telephone 303-357-7223
Signature  Title Permitting Agent Date 4/3/2019

API 47-085-10202 Farm Name Edwin D. Mulvay et al Well Number Stronsnider Unit 2H					
EXHIBIT 1					
Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	3/15/2018	15344.625	15514.3	60	Marcellus
2	3/16/2018	15147.255	15313.73	60	Marcellus
3	3/16/2018	14949.885	15116.36	60	Marcellus
4	3/17/2018	14752.515	14918.99	60	Marcellus
5	3/17/2018	14555.145	14721.62	60	Marcellus
6	3/18/2018	14357.775	14524.25	60	Marcellus
7	3/19/2018	14160.405	14326.88	60	Marcellus
8	3/20/2018	13963.035	14129.51	60	Marcellus
9	3/20/2018	13765.665	13932.14	60	Marcellus
10	3/20/2018	13568.295	13734.77	60	Marcellus
11	3/21/2018	13370.925	13537.4	60	Marcellus
12	3/22/2018	13173.555	13340.03	60	Marcellus
13	3/22/2018	12976.185	13142.66	60	Marcellus
14	3/23/2018	12778.815	12945.29	60	Marcellus
15	3/23/2018	12581.445	12747.92	60	Marcellus
16	3/24/2018	12384.075	12550.55	60	Marcellus
17	3/24/2018	12186.705	12353.18	60	Marcellus
18	3/25/2018	11989.335	12155.81	60	Marcellus
19	3/25/2018	11791.965	11958.44	60	Marcellus
20	3/25/2018	11594.595	11761.07	60	Marcellus
21	3/26/2018	11397.225	11563.7	60	Marcellus
22	3/26/2018	11199.855	11366.33	60	Marcellus
23	3/27/2018	11002.485	11168.96	60	Marcellus
24	3/27/2018	10805.115	10971.59	60	Marcellus
25	3/28/2018	10607.745	10774.22	60	Marcellus
26	3/29/2018	10410.375	10576.85	60	Marcellus
27	3/29/2018	10213.005	10379.48	60	Marcellus
28	3/30/2018	10015.635	10182.11	60	Marcellus
29	3/30/2018	9818.265	9984.74	60	Marcellus
30	3/31/2018	9620.895	9787.37	60	Marcellus
31	3/31/2018	9423.525	9590	60	Marcellus
32	4/1/2018	9226.155	9392.63	60	Marcellus
33	4/1/2018	9028.785	9195.26	60	Marcellus
34	4/2/2018	8831.415	8997.89	60	Marcellus
35	4/3/2018	8634.045	8800.52	60	Marcellus
36	4/4/2018	8436.675	8603.15	60	Marcellus
37	4/4/2018	8239.305	8405.78	60	Marcellus
38	4/5/2018	8041.935	8208.41	60	Marcellus
39	4/6/2018	7844.565	8011.04	60	Marcellus
40	4/7/2018	7647.195	7813.67	60	Marcellus
41	4/7/2018	7449.825	7616.3	60	Marcellus
42	4/8/2018	7252.455	7418.93	60	Marcellus
43	4/8/2018	7055.085	7221.56	60	Marcellus
44	4/9/2018	6857.715	7024.19	60	Marcellus
45	4/9/2018	6660.345	6826.82	60	Marcellus

API 47-085-10202 Farm Name Edwin D. Mulvay et al Well Number Stronsider Unit 2H								
EXHIBIT 2								
Stage No.	Stimulations Date	Avg Pump Rate	Avg Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/ other (units)
1	3/15/2018	67.3825	7690.127	5278	4515	402300	10527	N/A
2	3/16/2018	70.461	7661.012	5817	3467	401400	8641	N/A
3	3/16/2018	73.3	7729.5	5726	4109	402210	9697	N/A
4	3/17/2018	73.119	7577.293	5850	3403	401800	8291	N/A
5	3/17/2018	73.3	7479.7	5776	3379	402295	8422	N/A
6	3/18/2018	72.2	7459.3	5717	3747	399785	10226	N/A
7	3/19/2018	73.6889	7639.027	5892	3091	399965	8319	N/A
8	3/20/2018	70.8	7305.1	6268	3458	403390	8226	N/A
9	3/20/2018	72.95	7447.256	6039	3261	400415	8277	N/A
10	3/20/2018	73.1	7569.8	5968	3493	396910	8251	N/A
11	3/21/2018	76.6514	7591.825	6150	3211	399900	8284	N/A
12	3/22/2018	72.6	7159.1	6019	3623	398930	8036	N/A
13	3/22/2018	77.4513	7196.572	6323	3554	398975	7999	N/A
14	3/23/2018	76.2	7216.2	5867	3410	400430	8008	N/A
15	3/23/2018	78.8261	7262.524	5375	3180	401840	7947	N/A
16	3/24/2018	75.9	7068.2	6038	3283	405175	8086	N/A
17	3/24/2018	77.4274	7119.494	5994	3099	401800	7951	N/A
18	3/25/2018	74.6	7121.7	5792	3280	405500	7974	N/A
19	3/25/2018	76.5	7353.959	5926	3244	400700	8010	N/A
20	3/25/2018	74.8	7120.5	6194	3296	401935	8048	N/A
21	3/26/2018	70.8162	6945.08	6419	3319	401060	8112	N/A
22	3/26/2018	75.5049	7412.207	6132	3241	401700	8350	N/A
23	3/27/2018	72.1762	6814.034	6373	3164	402050	7881	N/A
24	3/27/2018	75.957	7420.72	6436	3401	398900	10504	N/A
25	3/28/2018	77.8044	7292.154	6129	3168	400770	7859	N/A
26	3/29/2018	76.8574	6978.203	6064	3277	399600	7899	N/A
27	3/29/2018	77.3252	6817.752	6507	3435	401160	7822	N/A
28	3/30/2018	77.4981	6989.338	6186	3506	405550	7585	N/A
29	3/30/2018	76.7911	7222.489	6445	3423	398700	7946	N/A
30	3/31/2018	74.6291	7073.155	5907	3195	400050	7881	N/A
31	3/31/2018	76.8419	6778.9	5904	3344	401600	7836	N/A
32	4/1/2018	76.9868	6653.955	6495	3234	401370	7944	N/A
33	4/1/2018	76.7846	6830.791	6271	3268	402870	7828	N/A
34	4/2/2018	80.6005	6693.502	6012	4248	400600	7815	N/A
35	4/3/2018	68.5	7136.6	6256	4608	398015	12803	N/A
36	4/4/2018	78.3826	6388.108	6029	3449	398900	7835	N/A
37	4/4/2018	77.802	6845.296	6234	4340	396420	7854	N/A
38	4/5/2018	79.2269	6358.142	6479	3227	400800	7787	N/A
39	4/6/2018	78.2384	6246.441	6429	3301	403000	7888	N/A
40	4/7/2018	78.6173	6263.075	6209	3451	402200	7868	N/A
41	4/7/2018	78.2011	6296.78	6280	3327	402800	7810	N/A
42	4/8/2018	77.1225	6385.863	6158	3319	401400	7914	N/A
43	4/8/2018	78.3422	6320.199	5355	3321	403000	8322	N/A
44	4/9/2018	78.8548	6490.67	6390	3275	401400	8034	N/A
45	4/9/2018	74.1958	6721.892	5848	3260	401850	7786	N/A
	AVG=	75.5	7,048	6,066	3,449	18,051,420	374,383	TOTAL

API 47-085-10202 Farm Name Edwin D. Mulvay et al Well Number Stronsnider Unit 2H				
EXHIBIT 3				
LITHOLOGY/ FORMATION	TOP DEPTH (TVD)	BOTTOM DEPTH (TVD)	TOP DEPTH (MD)	BOTTOM DEPTH (MD)
	From Surface	From Surface	From Surface	From Surface
Silty Sandstone	-15	105	-15	105
Sandy siltstone	105	145	105	145
Shale	145	185	145	185
Sandstone	185	305	185	305
Sandy Shale	305	545	305	545
Silty Shale	545	745	545	745
Sandy siltstone	745	885	745	885
silty shale	885	1,005	885	1,005
Sandy siltstone	1,005	1,115	1,005	1,115
Shaly Siltstone	1,115	1,345	1,115	1,345
Sandstone	1,345	1,525	1,345	1,525
Sandy siltstone	1,525	1,645	1,525	1,645
Silty Sandstone	1,645	1,877	1,645	1,879
Big Lime	1,892	2,069	1,894	2,071
Big Injun	2,069	2,440	2,071	2,443
Gantz Sand	2,440	2,716	2,443	2,719
Fifty Foot Sandstone	2,716	2,888	2,719	2,890
Gordon	2,888	3,046	2,890	3,050
Fifth Sandstone	3,046	3,319	3,050	3,325
Bayard	3,319	3,415	3,325	3,423
Warren	3,415	3,795	3,423	3,808
Speechley	3,795	4,550	3,808	4,575
Balltown	4,006	4,920	4,024	4,951
Bradford	4,550	4,920	4,575	4,951
Benson	4,920	5,136	4,951	5,171
Alexander	5,136	5,716	5,171	5,916
Rhinestreet	5,692	6,064	5,892	6,139
Sycamore	6,064	6,188	6,139	6,293
Middlesex	6,188	6,298	6,293	6,461
Burkett	6,298	6,333	6,461	6,537
Tully	6,333	6,361	6,537	6,616
Marcellus	6,361	NA	6,616	NA

*Please note Antero determines formation tops based on mud logs that are only run on one well on a multi-well pad. The measured depth (MD) data on subsequent wells may be slightly different due to the well's unique departure.

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	3/15/2018
Job End Date:	4/9/2018
State:	West Virginia
County:	Ritchie
API Number:	47-085-10202-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	Stronsider 2H
Latitude:	39.32253900
Longitude:	-80.89913300
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,410
Total Base Water Volume (gal):	16,277,770
Total Base Non Water Volume:	0



Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Service Abstract Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Water	Antero Resources	Carrier/Base Fluid	Water	7732-18-5	100.00000	88.04940	
Sand	J.S. Well Services, LLC	Proppant	Crystalline Silica, quartz	14808-60-7	100.00000	11.70542	
HCL Acid (12.6%-17.5%)	J.S. Well Services, LLC	Bulk Acid	Water	7732-18-5	87.40000	0.12280	
LGC-15	J.S. Well Services, LLC	Gelling Agents	Hydrogen Chloride	7647-01-0	17.50000	0.02855	
WFRA-405	J.S. Well Services, LLC	Friction Reducer	Guar Gum	9000-30-0	50.00000	0.02167	
			Petroleum Distillates	64742-47-8	60.00000	0.02053	
			Suspending agent (solid)	14808-60-7	3.00000	0.00332	
			Surfactant	68439-51-0	3.00000	0.00130	
			2-Propenoic acid, polymer with 2-propenamide	29003-06-9	30.00000	0.01675	
			Hydrated light distillate (petroleum)	64742-47-8	30.00000	0.01348	

SI-1200	U.S. Well Services, LLC	Scale Inhibitor	Ethylene Glycol	107-21-1	40.00000	0.00704
			Proprietary Scale Inhibitor	Proprietary	10.00000	0.00188
Bioclear 2000	U.S. Well Services, LLC	Anti-Bacterial Agent	2,2-dibromo-3-nitropropionamide	10222-01-2	20.00000	0.00455
			Deionized Water	7732-18-5	28.00000	0.00260
AP One	U.S. Well Services, LLC	Gel Breakers	Ammonium Persulfate	7727-54-0	100.00000	0.00062
AI-303	U.S. Well Services, LLC	Acid Corrosion Inhibitors	Ethylene glycol	107-21-1	40.00000	0.00004
			Cinnamaldehyde	104-55-2	20.00000	0.00002
			Formic acid	64-18-6	20.00000	0.00001
			Butyl cellosolve	111-76-2	20.00000	0.00001
			Polyether	80828-78-6	10.00000	0.00001
			Acetophenone thiourea, formaldehyde polymer	68527-49-1	5.00000	0.00000

Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.

* Total Water Volume sources may include fresh water, produced water, and/or recycled water
 ** Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided. Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

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State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Discharge Monitoring Report
Oil and Gas General Permit

Company Name: Antero Resources Corporation
 API No: 47-085-10202 County: Ritchie
 District: Clay Well No: Stronsnider Unit 2H
 Farm Name: Edwin D. Mulvay et al
 Discharge Date/s From:(MMDDYY) 08/23/18 To: (MMDDYY) 09/22/18
 Discharge Times. From: 0:00 To: 24:00
 Total Volume to be Disposed from this facility (gallons): 761,060

Disposal Option(s) Utilized (write volumes in gallons):

- (1) Land Application: _____ (Include a topographical map of the Area.)
 (2) UIC: 189,705 Permit No. 3400923821, 3416729543, 3416729464, 3416729445, 3410523619, 3416729731, 3400923761, 3405320968, 3410523268,
 (3) Offsite Disposal: 305 Site Location: Mud Masters
 (4) Reuse: 571,050 Alternate Permit Number: _____
 (5) Centralized Facility: _____ Permit No. _____
 (6) Other method: _____ (Include an explanation)

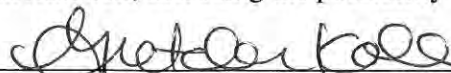
Follow Instructions below to determine your treatment category:

Optional Pretreatment test: N/A Cl- mg/l N/A DO mg/l

1. Do you have permission to use expedited treatment from the Director or his representative?
(Y/N) N/A If yes, who? _____ and place a four (4) on line 7.
If not go to line 2
2. Was Frac Fluid or flowback put into the pit? (Y/N) N/A If yes, go to line 5. If not, go to line 3.
3. Do you have a chloride value pretreatment (see above)? (Y/N) N/A If yes, go to line 4
If not, go to line 5.
4. Is the Chloride level less than 5000 mg/l? (Y/N) N/A If yes, then enter a one (1) on line 7.
5. Do you have a pretreatment value for DO? (See above) (Y/N) N/A If yes, go to line 6
If not, enter a three (3) in line 7.
6. Is the DO level greater than 2.5 mg/l?(Y/N) N/A If yes, enter a two (2) on line 7. If not, enter a three (3) on line 7.
7. N/A is the category of your pit. Use the Appropriate section.
8. Comments on Pit condition: N/A No pit on site.

Name of Principal Exec. Officer: Gretchen Kohler
 Title of Officer: Senior Environmental and Regulatory Manager
 Date Completed: 10/30/18

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.



Signature of a Principal Exec. Officer or Authorized agent.

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Category 1
Sampling Results
API No : _____

Parameter	Predischarge		Discharge		Units
	Limits	Reported	Limits	Reported	
pH	6-10	_____	6-10	_____	S.U
Settling Time	5	_____	N/A	N/A	Days
Fe	6	_____	6	_____	mg/l
D.O.	2.5	_____	2.5	_____	mg/l
Settleable Sol.	0.5	_____	0.5	_____	mg/l
Cl	5,000	_____	5,000	_____	mg/l
Oil	Trace	_____	Trace	_____	Obs.
TOC**		_____	Monitor	_____	mg/l
Oil and Grease		_____	Monitor	_____	mg/l
Total Al***		_____	Monitor	_____	mg/l
TSS		_____	Monitor	_____	mg/l
Total Mn	Monitor	_____	Monitor	_____	mg/l
Volume		_____	Monitor	_____	Gal
Flow		_____	Monitor	_____	Gal/min
Disposal Area		_____	Monitor	_____	Acres

*** Al is only reported if the pH is above 9.0

Category 2
Sampling Results
API No : _____

Parameter	Predischarge		Discharge		Units
	Limits	Reported	Limits	Reported	
pH	6-10	_____	6-10	_____	S.U
Settling Time	10	_____	N/A	N/A	Days
Fe	6	_____	6	_____	mg/l
D.O.	2.5	_____	2.5	_____	mg/l
Settleable Sol.	0.5	_____	0.5	_____	mg/l
Cl*	12,500	_____	12,500	_____	mg/l
Oil	Trace	_____	Trace	_____	Obs.
TOC**		_____	Monitor	_____	mg/l
Oil and Grease		_____	Monitor	_____	mg/l
Total Al***		_____	Monitor	_____	mg/l
TSS		_____	Monitor	_____	mg/l
Total Mn	Monitor	_____	Monitor	_____	mg/l
Volume		_____	Monitor	_____	Gal
Flow		_____	Monitor	_____	Gal/min
Disposal Area		_____	Monitor	_____	Acres

* Can be 25,000 with inspector's approval.

(Inspector's signature): _____

Date: _____

** Include a description of your aeration technique.

Aeration Code: _____

*** Al is only reported if the pH is above 9.0

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Category 3
Sampling Results
API No : _____

Parameter	Predischarge		Discharge		Units
	Limits	Reported	Limits	Reported	
pH	6-10	_____	6-10	_____	S.U
Settling Time	20	_____	N/A	N/A	Days
Fe	6	_____	6	_____	mg/l
D.O.	2.5	_____	2.5	_____	mg/l
Settleable Sol.	0.5	_____	0.5	_____	mg/l
Cl*	12,500	_____	12,500	_____	mg/l
Oil	Trace	_____	Trace	_____	Obs.
TOC**		_____	Monitor	_____	mg/l
Oil and Grease		_____	Monitor	_____	mg/l
Total Al***		_____	Monitor	_____	mg/l
TSS		_____	Monitor	_____	mg/l
Total Mn	Monitor	_____	Monitor	_____	mg/l
Volume		_____	Monitor	_____	Gal
Flow		_____	Monitor	_____	Gal/min
Disposal Area		_____	Monitor	_____	Acres

* Can be 25,000 with inspector's approval,

(Inspector's signature): _____

Date: _____

** Include a description of your aeration technique.

Aeration Code: _____

*** Al is only reported if the pH is above 9.0.

Category 4
Sampling Results
API No: _____

Parameter	Predischarge		Discharge		Units
	Limits	Reported	Limits	Reported	
pH	6-10	_____	6-10	_____	S.U
Settling Time	1	_____	N/A	N/A	Days
Fe	Monitor	_____	Monitor	_____	mg/l
D.O.	Monitor	_____	Monitor	_____	mg/l
Settleable Sol.	Monitor	_____	Monitor	_____	mg/l
Cl*	12,500	_____	12,500	_____	mg/l
Oil	Trace	_____	Trace	_____	Obs.
TOC**		_____	Monitor	_____	mg/l
Oil and Grease		_____	Monitor	_____	mg/l
TSS		_____	Monitor	_____	mg/l
Total Mn	Monitor	_____	Monitor	_____	mg/l
Volume		_____	Monitor	_____	Gal
Flow		_____	Monitor	_____	Gal/min
Activated Carbon (0.175)		_____	N/A	N/A	lb/Bt
Date Site Reclaimed	N/A	N/A			10 days from dis.
Disposal Area		_____	Monitor	_____	Acres

* Can be 25,000 with inspector's approval,

(Inspector's signature): _____

Date: _____