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,

Megan Griffith
Permitting Agent
Antero Resources Corporation

Enclosures

04/05/2019

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 - 10251 County Ritchie District Clay
Quad Pennsboro 7.5' Pad Name Mulvay Pad Field/Pool Name -----
Farm name Edwin D. Mulvay et al Well Number Niley 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 4352593m Easting 508707m
Landing Point of Curve Northing 4352582.85m Easting 508758.58m
Bottom Hole Northing 4354858m Easting 508505m

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 9/29/2015 Date drilling commenced 12/23/2016 Date drilling ceased 6/4/2017
Date completion activities began 1/20/2018 Date completion activities ceased 7/26/2018
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 - 10251 Farm name Edwin D. Mulvay et al Well number Niley 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"	105'	New	94#, H-40	N/A	Y
Surface	17-1/2"	13-3/8"	568'	New	48#, H-40	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	2578'	New	36#, J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4"/8-1/2"	5-1/2"	14170'	New	23#, P-110	N/A	Y
Tubing		2-3/8"	6857'		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	102 sx	15.6	1.18	120	0'	8 Hrs.
Surface	Class A	671 sx	15.6	1.18	826	0'	8 Hrs.
Coal							
Intermediate 1	Class A	975 sx	15.6	1.18	1181	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class H	750 sx (Lead) 1145 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) 14170' MD, 6398' TVD (BHL), 6410' (Deepest Point Drilled) Loggers TD (ft) 14170' MD

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

Plug back procedure N/A

Kick off depth (ft) 5800'

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 - 10251 Farm name Edwin D. Mulvay et al Well number Niley Unit 2H

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)

***PLEASE SEE ATTACHED EXHIBIT 1**

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)

***PLEASE SEE ATTACHED EXHIBIT 2**

Please insert additional pages as applicable.

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API 47- 085 - 10251 Farm name Edwin D. Mulvay et al Well number Niley Unit 2H

PRODUCING FORMATION(S)	DEPTHS			
Marcellus	6363' (TOP)	TVD	6914' (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 8223 mcfpd Oil 63 bpd NGL --- bpd Water 70 bpd GAS MEASURED BY ☐ Estimated ■ Orifice ☐ Pilot

LITHOLOGY/ FORMATION NAME	TOP DEPTH IN FT 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_2S, ETC)

***PLEASE SEE ATTACHED EXHIBIT 3**

Please insert additional pages as applicable.

Drilling Contractor Frontier Drilling
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 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

Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

API 47-085-10251 Farm Name Edwin D. Mulvay et al Well Number Niley Unit 2H					
EXHIBIT 1					
Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	4/12/2018	13907	14074	60	Marcellus
2	4/13/2018	13708	13793	60	Marcellus
3	4/13/2018	13510	13595	60	Marcellus
4	4/14/2018	13311	13396	60	Marcellus
5	4/14/2018	13113	13198	60	Marcellus
6	4/15/2018	12914	12999	60	Marcellus
7	4/15/2018	12716	12800	60	Marcellus
8	4/16/2018	12517	12602	60	Marcellus
9	4/16/2018	12319	12403	60	Marcellus
10	4/17/2018	12120	12205	60	Marcellus
11	4/17/2018	11922	12006	60	Marcellus
12	4/18/2018	11723	11808	60	Marcellus
13	4/18/2018	11524	11609	60	Marcellus
14	4/19/2018	11326	11411	60	Marcellus
15	4/19/2018	11127	11212	60	Marcellus
16	4/20/2018	10929	11014	60	Marcellus
17	4/20/2018	10730	10815	60	Marcellus
18	4/21/2018	10532	10616	60	Marcellus
19	4/22/2018	10333	10418	60	Marcellus
20	4/22/2018	10135	10219	60	Marcellus
21	4/23/2018	9936	10021	60	Marcellus
22	4/23/2018	9738	9822	60	Marcellus
23	4/24/2018	9539	9624	60	Marcellus
24	4/24/2018	9340	9425	60	Marcellus
25	4/25/2018	9142	9227	60	Marcellus
26	4/25/2018	8943	9028	60	Marcellus
27	4/26/2018	8745	8830	60	Marcellus
28	4/26/2018	8546	8631	60	Marcellus
29	4/27/2018	8348	8433	60	Marcellus
30	4/27/2018	8149	8234	60	Marcellus
31	4/28/2018	7951	8035	60	Marcellus
32	4/28/2018	7752	7837	60	Marcellus
33	4/29/2018	7554	7638	60	Marcellus
34	4/29/2018	7355	7440	60	Marcellus
35	4/29/2018	7157	7241	60	Marcellus
36	4/30/2018	6958	7043	60	Marcellus

API 47-085-10251 **Farm Name** Edwin D. Mulvay et al **Well Number** Niley 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	4/12/2018	73.7327	7428.262	5500	2649	411260	8021	N/A
2	4/13/2018	76.2	7217.6	5687	3416	410865	8039	N/A
3	4/13/2018	74.2	7133.5	5656	3498	419385	8051	N/A
4	4/14/2018	77.506	7497.488	5649	2907	411210	8180	N/A
5	4/14/2018	80	7546.3	5662	3556	412825	8084	N/A
6	4/15/2018	79.8562	7654.405	5624	3108	411760	7901	N/A
7	4/15/2018	76.6	7320.3	6022	3395	414470	7976	N/A
8	4/16/2018	78.4282	7688.134	5958	3330	413110	8091	N/A
9	4/16/2018	80.3796	7540.917	6078	3271	412290	7853	N/A
10	4/17/2018	78.3204	7440.348	6222	4690	404200	10644	N/A
11	4/17/2018	76.3029	8135.363	0	3400	368490	9159	N/A
12	4/18/2018	80.425	7492.717	5435	4034	412800	8031	N/A
13	4/18/2018	80.2137	7396.798	5629	3617	410980	8379	N/A
14	4/19/2018	78.7052	6830.041	12	3129	413400	8046	N/A
15	4/19/2018	80.3178	7274.495	5548	3067	412830	7821	N/A
16	4/20/2018	80.578	6975.25	5490	3274	413500	7937	N/A
17	4/20/2018	74.914	7032.798	5716	3289	413470	9219	N/A
18	4/21/2018	56.3241	8524.142	5528	4016	412500	17703	N/A
19	4/22/2018	80.7403	6976.961	5840	3502	413100	7943	N/A
20	4/22/2018	67.3852	7347.036	5803	3722	402400	10380	N/A
21	4/23/2018	77.6593	7147.861	5590	3128	414500	7942	N/A
22	4/23/2018	81.8	7060.6	5071	3253	410660	7807	N/A
23	4/24/2018	75.9618	8377.273	7097	4266	411500	12011	N/A
24	4/24/2018	70.6403	7865	5205	4464	353080	11981	N/A
25	4/25/2018	79.3204	6777.437	5427	3118	420900	8073	N/A
26	4/25/2018	78.1985	7174.926	6017	4183	419720	7932	N/A
27	4/26/2018	78.8564	6686.806	5884	3698	411500	7888	N/A
28	4/26/2018	79.4167	7049.378	6263	3093	423700	8078	N/A
29	4/27/2018	77.9944	6818.336	6257	3777	394900	7905	N/A
30	4/27/2018	64.8	7040.2	6231	5079	409810	14898	N/A
31	4/28/2018	79.2086	6420.977	5929	3610	429900	8077	N/A
32	4/28/2018	80.11	6576.454	6664	3389	410600	7819	N/A
33	4/29/2018	79.3	6565.2	6070	3299	430830	8356	N/A
34	4/29/2018	80.2646	6796.043	5933	3903	412100	7854	N/A
35	4/29/2018	79.4	6661.9	6633	3233	415300	7928	N/A
36	4/30/2018	78.629	6659.876	5563	3072	422390	9040	N/A
	AVG=	**77.0**	**7,226**	**5,525**	**3,540**	**14,786,235**	**321,047**	TOTAL

API 47-085-10251 Farm Name Edwin D. Mulvay et al Well Number Niley Unit 2H				
EXHIBIT 3				
LITHOLOGY/ FORMATION	**TOP DEPTH (TVD) From Surface**	**BOTTOM DEPTH (TVD) From Surface**	**TOP DEPTH (MD) From Surface**	**BOTTOM DEPTH (MD) From Surface**
Silty Sandstone	0	105	0	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	1,863	1,645	1,875
Big Lime	1,878	2,054	1,890	2,071
Big Injun	2,054	2,416	2,071	2,441
Gantz Sand	2,416	2,673	2,441	2,703
Fifty Foot Sandstone	2,673	2,850	2,703	2,883
Gordon	2,850	3,011	2,883	3,049
Fifth Sandstone	3,011	3,286	3,049	3,340
Bayard	3,286	3,372	3,340	3,433
Warren	3,372	3,759	3,433	3,850
Speechley	3,759	4,497	3,850	4,674
Balltown	3,965	4,893	4,077	5,102
Bradford	4,497	4,893	4,674	5,102
Benson	4,893	5,109	5,102	5,335
Alexander	5,109	5,726	5,335	6,000
Rhinestreet	5,702	6,072	5,976	6,390
Sycamore	6,072	6,190	6,390	6,543
Middlesex	6,190	6,301	6,543	6,727
Burkett	6,301	6,333	6,727	6,808
Tully	6,333	6,363	6,808	6,914
Marcellus	6,363	NA	6,914	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:	4/12/2018
Job End Date:	4/30/2018
State:	West Virginia
County:	Ritchie
API Number:	47-085-10251-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	Niley 2H
Latitude:	39.32261900
Longitude:	-80.89915800
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,409
Total Base Water Volume (gal):	13,884,746
Total Base Non Water Volume:	0

Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service 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	88.44720	
Sand	U.S. Well Services, LLC	Proppant					
			Crystalline Silica, quartz	14808-60-7	100.00000	11.29030	
HCL Acid (12.6%-17.5%)	U.S. Well Services, LLC	Bulk Acid					
			Water	7732-18-5	87.40000	0.12236	
			Hydrogen Chloride	7647-01-0	17.50000	0.02845	
LGC-15	U.S. Well Services, LLC	Gelling Agents					
			Guar Gum	9000-30-0	50.00000	0.03188	
			Petroleum Distillates	64742-47-8	60.00000	0.03019	
			Suspending agent (solid)	14808-60-7	3.00000	0.00488	
			Surfactant	68439-51-0	3.00000	0.00191	
WFRA-405	U.S. Well Services, LLC	Friction Reducer					
			2-Propenoic acid, polymer with 2 propenamide	9003-06-9	30.00000	0.01778	
			Hydrated light distillate (petroleum)	64742-47-8	30.00000	0.01432	

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Bioclear 2000	U.S. Well Services, LLC	Anti-Bacterial Agent					
			2,2-dibromo-3-nitrilopropionamide	10222-01-2	20.00000	0.00415	
			Deionized Water	7732-18-5	28.00000	0.00237	
ECM FR 7010	ECM Supply	Friction Reducer					
			Water	7732-18-5	45.00000	0.00075	
			Poly(acrylamide-co-sodium acrylate	25085-02-3	30.00000	0.00050	
			Petrolem Distillates, hydrotreated light	64742-47-8	25.00000	0.00034	
			Alkoxylate	9005-65-6	5.00000	0.00008	
			Sodium chloride	7647-14-5	5.00000	0.00008	
			Ethoxylated sorbitol tetraoleate	61723-83-9	5.00000	0.00008	
			Polyethylene Glycol Monooleate	9004-96-0	5.00000	0.00008	
			Polyethylene Glycol	25322-68-3	5.00000	0.00008	
SI-1200s	U.S. Well Services, LLC	Scale Inhibitor					
			Proprietary Scale Inhibitor	Proprietary	10.00000	0.00130	
AP One	U.S. Well Services, LLC	Gel Breakers					
			Ammonium Persulfate	7727-54-0	100.00000	0.00080	
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	0.00001	
			Formic acid	64-18-6	20.00000	0.00001	
			Butyl cellosolve	111-76-2	20.00000	0.00001	
			Polyether	60828-78-6	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: 47-085-10251 County: Ritchie
District: Clay Well No: Niley 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.

Category 1
Sampling Results
API No : _____

Parameter	Predischarge Limits	Predischarge Reported	Discharge Limits	Discharge Reported	Units
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 Limits	Predischarge Reported	Discharge Limits	Discharge Reported	Units
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

Category 3
Sampling Results
API No : _____

Parameter	Predischarge Limits	Predischarge Reported	Discharge Limits	Discharge Reported	Units
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 Limits	Predischarge Reported	Discharge Limits	Discharge Reported	Units
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/Bl
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: _____