

04/05/2019



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

April 4, 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:

- Parachute Unit 1H (API # 47-095-02429)—Stonefly Pad
- Parachute Unit 2H (API # 47-095-02429)—Stonefly Pad
- Parachute Unit 3H (API # 47-095-02433)—Stonefly Pad
- Copper John Unit 1H (API # 47-095-02404)—Stonefly Pad
- Copper John Unit 2H (API # 47-095-02405)—Stonefly Pad
- Copper John Unit 3H (API # 47-095-02406)—Stonefly Pad
- Pheasant Unit 1H (API # 47-095-02434)—Stonefly Pad
- Pheasant Unit 2H (API # 47-095-02435)—Stonefly Pad
- Pheasant Unit 3H (API # 47-095-02437)—Stonefly Pad
- Tauscher Unit 1H (API # 47-095-02357)—Stonefly Pad
- Tauscher Unit 2H (API # 47-095-02407)—Stonefly Pad
- Tauscher Unit 3H (API # 47-095-02456)—Stonefly 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 "MGriffith", written over a light blue horizontal line.

Megan Griffith
Permitting Agent
Antero Resources Corporation

Enclosures

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

API 47 - 095 - 02357 County Tyler District Centerville
 Quad Middlebourne 7.5' Pad Name Stonefly Pad Field/Pool Name -----
 Farm name Steven McPeek et al Well Number Tauscher Unit 1H
 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 4363150m Easting 506670m
 Landing Point of Curve Northing 4362812.21m Easting 506750.57m
 Bottom Hole Northing 4360960m Easting 507447m

Elevation (ft) 982' 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 3/15/2017 Date drilling commenced 8/29/2017 Date drilling ceased 1/11/2018
 Date completion activities began 6/11/2018 Date completion activities ceased 12/17/2018
 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 52', 400', 457' Open mine(s) (Y/N) depths No
 Salt water depth(s) ft 1425', 1431' Void(s) encountered (Y/N) depths No
 Coal depth(s) ft 52', 457' Cavern(s) encountered (Y/N) depths No
 Is coal being mined in area (Y/N) No

Reviewed by:

WR-35
Rev. 8/23/13

API 47-095 - 02357 Farm name Steven McPeek et al Well number Tauscher Unit 1H

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"	80'	New	94#, H-40	N/A	Y
Surface	17-1/2"	13-3/8"	573'	New	54#, J-55	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	2568'	New	36#, J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4"/8-1/2"	5-1/2"	14065'	New	23#, P-110	N/A	Y
Tubing		2-3/8"	6572'		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	244	0'	8 Hrs.
Surface	Class A	479 sx	15.6	1.19	402	0'	8 Hrs.
Coal							
Intermediate 1	Class A	884 sx	15.6	1.18	1047	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class H	627sx (Lead) 1241sx (Tail)	13.5 (Lead), 15.2 (Tail)	1.53 (Lead), 1.83 (Tail)	2819	-500' into Intermediate Casing	8 Hrs.
Tubing							

Drillers TD (ft) 14065' MD, 6377' TVD (BHL), 6403' (Deepest Point Drilled) Loggers TD (ft) 14065' MD

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

Plug back procedure N/A

Kick off depth (ft) 6000'

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

WR-35
Rev. 8/23/13

API 47- 095 - 02357 Farm name Steven McPeek et al Well number Tauscher Unit 1H

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>	
Marcellus	6345' (TOP) TVD	6626' (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 7463 mcfpd Oil 162 bpd NGL --- bpd Water 17 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 Nine Energy Services
Address 125 Museum Road City Washington State PA Zip 15301

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 April 4, 2019

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

API 47-095-02357 Farm Name Steven McPeek et al Well Number Tauscher Unit 1H					
EXHIBIT 1					
Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	10/13/2018	13792.565	13962.6	60	Marcellus
2	10/14/2018	13594.763	13761.598	60	Marcellus
3	10/14/2018	13396.961	13563.796	60	Marcellus
4	10/15/2018	13199.159	13365.994	60	Marcellus
5	10/15/2018	13001.357	13168.192	60	Marcellus
6	10/16/2018	12803.555	12970.39	60	Marcellus
7	10/16/2018	12605.753	12772.588	60	Marcellus
8	10/17/2018	12407.951	12574.786	60	Marcellus
9	10/17/2018	12210.149	12376.984	60	Marcellus
10	10/18/2018	12012.347	12179.182	60	Marcellus
11	10/18/2018	11814.545	11981.38	60	Marcellus
12	10/19/2018	11616.743	11783.578	60	Marcellus
13	10/19/2018	11418.941	11585.776	60	Marcellus
14	10/20/2018	11221.139	11387.974	60	Marcellus
15	10/20/2018	11023.337	11190.172	60	Marcellus
16	10/20/2018	10825.535	10992.37	60	Marcellus
17	10/21/2018	10627.733	10794.568	60	Marcellus
18	10/21/2018	10429.931	10596.766	60	Marcellus
19	10/22/2018	10232.129	10398.964	60	Marcellus
20	10/23/2018	10034.327	10201.162	60	Marcellus
21	10/23/2018	9836.525	10003.36	60	Marcellus
22	10/23/2018	9638.723	9805.558	60	Marcellus
23	10/24/2018	9440.921	9607.756	60	Marcellus
24	10/24/2018	9243.119	9409.954	60	Marcellus
25	10/25/2018	9045.317	9212.152	60	Marcellus
26	10/25/2018	8847.515	9014.35	60	Marcellus
27	10/25/2018	8649.713	8816.548	60	Marcellus
28	10/26/2018	8451.911	8618.746	60	Marcellus
29	10/27/2018	8254.109	8420.944	60	Marcellus
30	10/27/2018	8056.307	8223.142	60	Marcellus
31	10/27/2018	7858.505	8025.34	60	Marcellus
32	10/27/2018	7660.703	7827.538	60	Marcellus
33	10/28/2018	7462.901	7629.736	60	Marcellus
34	10/28/2018	7265.099	7431.934	60	Marcellus
35	10/28/2018	7067.297	7234.132	60	Marcellus
36	10/29/2018	6869.495	7036.33	60	Marcellus
37	10/29/2018	6671.693	6838.528	60	Marcellus

API 47-095-02357 Farm Name Steven McPeek et al Well Number Tauscher Unit 1H								
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	10/13/2018	76.7075	7320.5	5758	3532	310800	8366.29	N/A
2	10/14/2018	75.97	7476.533	5694	3165	400950	8789	N/A
3	10/14/2018	76.64273	7283.909	6060	4187	401400	8015	N/A
4	10/15/2018	78.62909	7395.818	5999	3807	402150	8097	N/A
5	10/15/2018	77.866	7465.9	6199	3904	403050	8225	N/A
6	10/16/2018	76.70455	7111.545	5685	3852	401050	7855.997	N/A
7	10/16/2018	77.94538	7012.615	6391	4287	400300	8017	N/A
8	10/17/2018	75.47917	6956.583	6385	5000	379800	7619.005	N/A
9	10/17/2018	78.17091	7259.727	5860	4393	406050	7778	N/A
10	10/18/2018	77.17	7555.2	6701	4753	401450	8148.005	N/A
11	10/18/2018	75.30769	7366.385	6814	4490	400850	8156	N/A
12	10/19/2018	72.4	7516	5671	4820	387800	8023	N/A
13	10/19/2018	73.50364	7343.909	6722	4026	402300	7930	N/A
14	10/20/2018	76.01364	7271.636	6298	4222	407150	7726.005	N/A
15	10/20/2018	77.72727	7298.909	6219	4121	402150	7765.005	N/A
16	10/20/2018	74.70769	6851.692	6638	4713	401450	8720	N/A
17	10/21/2018	72.39091	6654.273	6634	4042	401550	7742.005	N/A
18	10/21/2018	66.90294	7426.941	6696	4484	400000	10078	N/A
19	10/22/2018	77.71708	7109.269	6439	4621	386550	9167.62	N/A
20	10/23/2018	78.50058	6953.803	6620	4239	400150	7853.48	N/A
21	10/23/2018	65.96111	7094.333	5980	4029	398800	10529	N/A
22	10/23/2018	72.37461	7164.846	5885	4396	400500	9347.5	N/A
23	10/24/2018	74.93636	6787.182	6359	4067	401550	7833.005	N/A
24	10/24/2018	77.16525	6930.124	5677	3689	400700	8045.56	N/A
25	10/25/2018	75.4474	6831.942	6469	4459	370500	9186.04	N/A
26	10/25/2018	77.27886	7215.865	6551	3898	401600	8735.06	N/A
27	10/25/2018	76.15582	6664.832	5454	4120	401550	7703.46	N/A
28	10/26/2018	68.8	6504	5392	5257	400150	10830.43	N/A
29	10/27/2018	74.43445	6561.403	6561	3982	401350	7776.74	N/A
30	10/27/2018	77.35015	7057.784	6490	4043	402300	7848.775	N/A
31	10/27/2018	75.43958	6676.073	5084	4091	401800	7671.25	N/A
32	10/27/2018	77.81036	6945.548	6618	4432	401850	7767.37	N/A
33	10/28/2018	73.17273	6712.182	6641	4237	401100	7742.005	N/A
34	10/28/2018	76.20909	6887.545	6294	3937	401400	7869.005	N/A
35	10/28/2018	77.80138	6631.795	6189	4114	401250	7651.48	N/A
36	10/29/2018	77.94849	6519.303	6810	3883	401750	7662.98	N/A
37	10/29/2018	78.08125	6179	6404	3950	400800	7984.005	N/A
	AVG=	75.5	7,027	6,225	4,196	14,685,900	306,255	TOTAL

API 47-095-02357 Farm Name Steven McPeek et al Well Number Tauscher Unit 1H				
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	205	-15	205
Sandy siltstone	205	310	205	310
Sandstone	310	605	310	605
Silty Sandstone	605	785	605	785
limey siltstone	785	960	785	960
silty sandstone, tr. coal	960	1,110	960	1,110
silty sandstone	1,110	1,505	1,110	1,505
silty shale	1,505	1,635	1,505	1,635
sandstone, tr coal	1,635	1,645	1,635	1,645
silty sandstone	1,645	1,685	1,645	1,685
sandstone	1,685	1,760	1,685	1,760
sandy shale	1,760	1,785	1,760	1,785
shaly sand	1,785	1,874	1,785	1,875
Big Lime	1,889	2,045	1,890	2,047
Big Injun	2,045	2,487	2,047	2,488
Gantz Sand	2,487	2,612	2,488	2,614
Fifty Foot Sandstone	2,612	2,723	2,614	2,724
Gordon	2,723	3,057	2,724	3,059
Fifth Sandstone	3,057	3,116	3,059	3,118
Bayard	3,116	3,492	3,118	3,496
Warren	3,492	3,879	3,496	3,887
Spechley	3,879	4,577	3,887	4,594
Balltown	4,181	4,974	4,193	4,996
Bradford	4,577	4,974	4,594	4,996
Benson	4,974	5,216	4,996	5,241
Alexander	5,216	5,746	5,241	5,777
Rhinestreet	5,722	6,082	5,753	6,154
Sycamore	6,082	6,206	6,154	6,333
Middlesex	6,206	6,299	6,333	6,501
Burkett	6,299	6,326	6,501	6,569
Tully	6,326	6,345	6,569	6,626
Marcellus	6,345	NA	6,626	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:	10/13/2018
Job End Date:	10/29/2018
State:	West Virginia
County:	Tyler
API Number:	47-095-02357-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	Tauscher Unit 1H
Latitude:	39.41776400
Longitude:	-80.92269200
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,387
Total Base Water Volume (gal):	13,158,717
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	Supplied by Operator	Base Fluid					
			Water	7732-18-5	70.00000	87.87310	
DAP-902	CWS	Scale Inhibitor					
				Listed Below			

				Listed Below				
Items above are Trade Names with the exception of Base Water. Items below are the individual ingredients.								
				Crystalline silica (Quartz)	14808-60-7	100.00000	11.75515	
				Calcite	471-34-1	1.00000	0.07658	
				Hydrochloric acid	7647-01-0	37.00000	0.06240	
				Illite	12173-60-3	1.00000	0.04095	
				Guar gum	9000-30-0	60.00000	0.03628	
				Distillates (petroleum), hydrotreated middle	64742-46-7	60.00000	0.03628	
				Polymer	26100-47-0	45.00000	0.02684	
				Distillates (petroleum), hydrotreated light	64742-47-8	30.00000	0.01789	
				Biotite	1302-27-8	0.10000	0.01175	
				Goethite	1310-14-1	0.10000	0.01175	
				Apatite	64476-38-6	0.10000	0.01175	
				Ammonium chloride	12125-02-9	11.00000	0.00656	
				2-Propenoic acid, homopolymer, sodium salt	9003-04-7	40.00000	0.00601	
				Polyethylene glycol mixture	25322-68-3	54.50000	0.00589	
				Ilmenite	98072-94-7	0.10000	0.00409	
				Quaternary ammonium compounds, bis (hydrogenated tallow alkyl)dimethyl, salts with bentonite	68953-58-2	5.00000	0.00302	
				Sorbitan monooleate	1338-43-8	4.00000	0.00239	
				2,2-Dibromo-3-Nitripropionamide	10222-01-2	20.00000	0.00216	
				Polyethylene glycol monooleate	9004-96-0	3.00000	0.00179	
				1,2-Propanediol	57-55-6	10.00000	0.00150	
				Sorbitol tetraoleate	61723-83-9	2.00000	0.00119	
				Ammonium Persulfate	64742-47-8	100.00000	0.00115	

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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: 47-095-02357 County: Tyler
 District: Centerville Well No: Tauscher Unit 1H
 Farm Name: Steven McPeek et al
 Discharge Date/s From:(MMDDYY) 01/09/19 To: (MMDDYY) 02/08/19
 Discharge Times. From: 0:00 To: 24:00
 Total Volume to be Disposed from this facility (gallons): 737,217
 Disposal Option(s) Utilized (write volumes in gallons):

(1) Land Application: _____ (Include a topographical map of the Area.)
 (2) UIC: 430,735 Permit No. 3400923821, 3410523619, 3416729731, 3416729543, 3416729464,
 (3) Offsite Disposal: 280 Site Location: Mud Masters
 (4) Reuse: 306,202 Alternate Permit Number: _____
 (5) Centralized Facility: _____ Permit No. _____
 (6) Other method: _____ (Include an explanation)

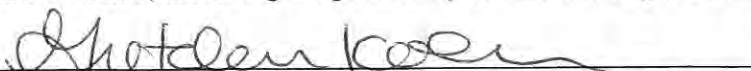
Follow Instructions below to determine your treatment category:

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: 3/18/19

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: _____