

September 5, 2019

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

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:

- Winchester Unit 1H (API # 47-095-02515)—Sine Pad
- ➤ Winchester Unit 2H (API # 47-095-02534)—Sine Pad
- Orvis Unit 2H (API # 47-095-02532)—Sine Pad
- Remington Unit 1H (API # 47-095-02533)—Sine Pad
- Remington Unit 2H (API # 47-095-02535)—Sine 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

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 _	<u>47</u>	County	D	District		
Quad		Pad Name	F	ield/Pool Name		
Farm nan	ne			Well Number		
Operator	(as registered with the OC	OG)				
Address _		City		State	Zip	
	ed location NAD 83/UT Top hole Landing Point of Curve Bottom Hole	M Attach an as-drill Northing Northing Northing	Eastin	ng		
Elevation	n (ft) G	Type of Well	□New □ Existing	Type of Report	□Interim □Final	
Permit Ty	ype Deviated	Horizontal Horizon	ntal 6A □ Vertical	Depth Type	□ Deep □ Shallo	w
Type of C	Operation Convert	□ Deepen □ Drill □	□ Plug Back □ Redrill	ing □ Rework	□ Stimulate	
Well Typ	pe □ Brine Disposal □ C	BM □ Gas □ Oil □ Se	condary Recovery □ Sol	ution Mining 🗆 St	orage Other	
• •	Completion	•	uced □ Brine □Gas	□ NGL □ Oil	□ Other	
Production	Media Surface hole □ on hole □ Air □ Mud pe(s) and Additive(s)			ole □ Air □ Mud	l □ Fresh Water □ Br	ine
Date perr	mit issued	Date drilling com	menced	Date drilling	ceased	
Date com	npletion activities began _		_ Date completion activ	ities ceased		
Verbal pl	lugging (Y/N)	_ Date permission grante	ed	Granted by		
Please no	ote: Operator is required to	o submit a plugging applic	cation within 5 days of ve	rbal permission to p	blug	
Freshwat	er depth(s) ft		Open mine(s) (Y/N) de	pths		
Salt water	er depth(s) ft		Void(s) encountered (Y	//N) depths		
Coal dept	th(s) ft		Cavern(s) encountered	(Y/N) depths		
Is coal be	eing mined in area (Y/N)_				Reviewed by:	

API 4	API 47 Farm name							We	ell numbe	r		
					P	ERFORAT	ION F	RECORD				
Stage No.	Perforation	date		rated from MD ft.		rforated to MD ft.		Number of erforations			Formation(s)
	+	*PL	EA	SE S	EE	AT	 ΓΑ:	CHE) E	XHI	BIT 1	
Please	insert addition	onal page	es as app	plicable.				I				
				STIN	MULAT	TION INFO	RMA'	TION PER S	STAGE			
Comp	lete a separat	e record	for each	stimulation	ı stage.							
Stage No.	Stimulations Date	Ave P	ump BPM)	Ave Treatm Pressure (P		Max Break Pressure (ISIP (PSI)		nount of pant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
		*PI	FΔ	SF S	SFF	 = дт	ΤΔ	CHE	h D F	ΧH	BIT 2	
1	1					- / .						-

Please insert additional pages as applicable.

WR-35 Rev. 8/23/13											Page of
API 47			Farm	name_					Well nu	mber	
PRODUCING	FORMAT	TON(S)				TVD			MD		
Please insert ac	•	•		□ Ope	en Flow		OIL	TEST 🗆	 Flow 🗆 F	'ump	
SHUT-IN PRE	ESSURE	Surface _		psi	Botte	om Hole_		psi	DURATIO	ON OF TEST _	hrs
OPEN FLOW		_ mcfpd								ASURED BY ted \square Orifice	□ Pilot
LITHOLOGY/ FORMATION		N FT DEI	TH IN FT	DEPT	H IN FT		N FT			AND RECORD QU	ANTITYAND DIL, GAS, H ₂ S, ETC)
	*P	LEA	SE	SE	E A		AC	HED	EXI	HIBIT 3	
Please insert ac	lditional p	ages as app	licable.	•							
Drilling Contra									State _	Zip	
Logging Comp									State _	Zip	
Cementing Con Address	mpany				City		_		State _	Zip	
Stimulating Co Address Please insert ad					City				State _	Zip	
i iouse misert at	aanaonai p	uges as app	madic.								
Completed by											
Signature					ı ıtıe _				D	ate	
Submittal of H	ydraulic F	racturing C	hemical	Disclos	ure Info	rmation	At	tach copy o	of FRACFO	CUS Registry	

API 47-095-02535 Farm Name James Sine et al Well Number Remington Unit 2H EXHIBIT 1									
	Perforation	Perforated from MD	Perforated to	Number of					
Stage No.	Date	ft.	MD ft.	Perforations	Formations				
1	4/27/2019	16275.2	IVID IC.	60	Marcellus				
2	4/28/2019	16076.096	16161.056	60	Marcellus				
3	4/29/2019	15876.992	15961.952	60	Marcellus				
4	4/29/2019	15677.888	15762.848	60	Marcellus				
5	4/30/2019	15478.784	15563.744	60	Marcellus				
6	4/30/2019	15279.68	15364.64	60	Marcellus				
7	5/1/2019	15080.576	15165.536	60	Marcellus				
8	5/1/2019	14881.472	14966.432	60	Marcellus				
9	5/2/2019	14682.368	14767.328	60	Marcellus				
10	5/2/2019	14483.264	14568.224	60	Marcellus				
11	5/2/2019	14284.16	14369.12	60	Marcellus				
12	5/3/2019	14085.056	14170.016	60	Marcellus				
13	5/3/2019	13885.952	13970.912	60	Marcellus				
14	5/4/2019	13686.848	13771.808	60	Marcellus				
15	5/4/2019	13487.744	13572.704	60	Marcellus				
16	5/5/2019	13288.64	13373.6	60	Marcellus				
17	5/5/2019	13089.536	13174.496	60	Marcellus				
18	5/6/2019	12890.432	12975.392	60	Marcellus				
19	5/6/2019	12691.328	12776.288	60	Marcellus				
20	5/7/2019	12492.224	12577.184	60	Marcellus				
21	5/7/2019	12293.12	12378.08	60	Marcellus				
22	5/8/2019	12094.016	12178.976	60	Marcellus				
23	5/8/2019	11894.912	11979.872	60	Marcellus				
24	5/9/2019	11695.808	11780.768	60	Marcellus				
25	5/9/2019	11496.704	11581.664	60	Marcellus				
26	5/9/2019	11297.6	11382.56	60	Marcellus				
27	5/10/2019	11098.496	11183.456	60	Marcellus				
28	5/10/2019	10899.392	10984.352	60	Marcellus				
29	5/11/2019	10700.288	10785.248	60	Marcellus				
30	5/11/2019	10501.184	10586.144	60	Marcellus				
31	5/11/2019	10302.08	10387.04	60	Marcellus				
32	5/12/2019	10102.976	10187.936	60	Marcellus				
33	5/12/2019	9903.872	9988.832	60	Marcellus				
34	5/12/2019	9704.768	9789.728	60	Marcellus				
35	5/13/2019	9505.664	9590.624	60	Marcellus				
36	5/13/2019	9306.56	9391.52	60	Marcellus				
37	5/14/2019	9107.456	9192.416	60	Marcellus				
38	5/14/2019	8908.352	8993.312	60	Marcellus				
39	5/15/2019	8709.248	8794.208	60	Marcellus				
40	5/15/2019	8510.144	8595.104	60	Marcellus				
41	5/15/2019	8311.04	8396	60	Marcellus				
42	5/16/2019	8111.936	8196.896	60	Marcellus				
43	5/16/2019	7912.832	7997.792	60	Marcellus				
44	5/16/2019	7713.728	7798.688	60	Marcellus				
45	5/17/2019	7514.624	7599.584						
	5/17/2019	7314.024	7400.48	60	Marcellus				
46				60	Marcellus				
47	5/17/2019	7116.416	7201.376	60	Marcellus				
48	5/18/2019	6917.312	7002.272	60	Marcellus				
49	5/18/2019	6718.208	6803.168	60	Marcellus				
50	5/19/2019	6519.104	6604.064	60	Marcellus				
51	5/19/2019	6320	6404.96	60	Marcellus				

API 47-095-02535 Farm Name James Sine et al_Well Number Remington Unit 2H									
				EXHIBI*	Γ2				
Stage No.	Stimulations Date	Avg Pump Rate	Avg Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (Ibs)	Amount of Water (bbls)	Amount of Nitrogen/ other (units)	
1	4/27/2019	72.34021	8148.637	6710	4979	164450	5053.5	N/A	
2	4/28/2019	78.01938	8164.648	7891	5454	403900	8948.67	N/A	
3	4/29/2019	75.42383	8112.537	5730	4314	403500	8797.46	N/A	
4	4/29/2019	74.77982	8051.884	5717	4464	403470	8823.45	N/A	
5	4/30/2019	76.5048	8150.672	5676	5703	403450	8652.78	N/A	
6	4/30/2019	76.586	8168.384	6689	5562	402950	8853.34	N/A	
7	5/1/2019	76.5237	8113.554	6313	5776	403600	8775.96	N/A	
8	5/1/2019	77.50034	8240.345	6426	5266	403350	8819.94	N/A	
9	5/2/2019	79.64008	8042.183	5970	4411	403450	8751.02	N/A	
10	5/2/2019	80.13228	8031.412	5890	4573	405050	8791.38	N/A	
11	5/2/2019	67.75028	7590.396	5860	5456	404050	10504.68	N/A	
12	5/3/2019	81.5	8207	6479	5219	403800	8655	N/A	
13	5/3/2019	80.31492	8078.121	5902	5085	403700	8739.92	N/A	
14	5/4/2019	85.4	8249	5938	5316	404850	8680	N/A	
15	5/4/2019	79.72511	8131.658	6112	5281	403950	8703.34	N/A	
16	5/5/2019	80.6	7991	6262	5670	404800	8825	N/A	
17	5/5/2019	81.20769	8058.812	5043	4341	403800	8724.28	N/A	
18	5/6/2019	79.34573	8113.503	6015	4645	404050	8768.01	N/A	
19	5/6/2019	86.5	8252	5936	4841	404050	8839.8	N/A	
20	5/7/2019	83.46219	8082.372	5946	4065	404150	8664	N/A	
21	5/7/2019	79.9	8356	6209	4837	404000	10133	N/A	
22	5/8/2019	84.9	7992	5675	4953	403850	9277	N/A	
23	5/8/2019	84.27467	7994.25	5877	4297	403950	8705.75	N/A	
24	5/9/2019	85.38481	8299.014	6118	4078	404150	8683.16	N/A	
25	5/9/2019	84.42749	8074.858	6078	5145	404650	8814.06	N/A	
26	5/9/2019	86.12592	7931.981	5742	4019	403750	8790.1	N/A	
27	5/10/2019	85.78636	8047.54	6377	4378	386250	8460.71	N/A	
28	5/10/2019	85.31224	7813.629	5948	4516	404300	8670.23	N/A	
29	5/11/2019	88.52037	8174.944	6226	4189	403300	8610.47 8649.56	N/A	
30	5/11/2019	87.39135	7941.144	6034 6399	4317	404100		N/A	
31	5/11/2019	84.20863	7917.595		4150	404600	8635.55	N/A	
32	5/12/2019	84.18148	7495.615	6016	4881	404300	8627.44	N/A	
33	5/12/2019 5/12/2019	83.14208 89.4614	7664.697 7993.776	5903 5809	5451 4721	404500	8663.985 8497.43	N/A	
34	5/12/2019 5/13/2019			5644	4936	402850		N/A	
35	5/13/2019	82.24709 84.35663	7981.858 7640.215	5783	4311	404750	8685.31 8567.74	N/A	
36	5/13/2019	81.73174	8032.332	5646	5094	403600	8520.67	N/A	
37 38	5/14/2019	83.90982	7543.871	5232	4586	403950 405300	8644.39	N/A	
38	5/15/2019	88.90147	8035.369	5774	4615	403500	8450.43	N/A N/A	
40	5/15/2019	87.90909	7713.326	5539	5217	405350	8541.21	N/A	
41	5/15/2019	86.86906	7741.237	5700	4735	403350	8617.97		
	5/16/2019	86.06895	7598.87	5879	4265	403230	8544.77	N/A	
42	5/16/2019	85.31339	7701.7	5623	4645		8616.67	N/A	
43	5/16/2019	90.12194	7461.164	5771	4104	403450	8490.84	N/A	
44						403100		N/A	
45	5/17/2019	88.61802	7201.873	6284	4412	403700	8495.88	N/A	
46	5/17/2019	87.87665	7038.96	6319	4398	404600	8583.24	N/A	
47	5/17/2019	88.19219	7014.432	7066	4242	403100	8536.99	N/A	
48	5/18/2019	87.58499	6996.22	6851	4260	403350	8380.07	N/A	
49	5/18/2019	88.18512	7024.603	6191	3752	403000	8546.01	N/A	
50	5/19/2019	90.3992	7293.071	7134	3633	403450	8365.06	N/A	
51	5/19/2019	88.26545	6535.283	6562	3699	403200	8439.86	N/A	
	AVG	82.5	7,963	5,995	4,784	17,920,070	390,766	TOTAL	

API 47-095-02535 Farm Name James Sine et al_Well Number Remington 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	75	195	75	195						
Silty Shale	195	245	195	245						
shaly sand	245	415	245	415						
Shale	415	475	415	475						
Dolomitic Shale	475	755	475	755						
Shaly Siltstone	755	875	755	875						
Silty Sandstone	875	915	875	915						
Shaly Sand	915	985	915	985						
Sandstone	985	1,125	985	1,125						
Silty, Shaly, Sandstone	1,125	1,185	1,125	1,185						
Sandstone, Tr Shale, Tr Coal	1,185	1,235	1,185	1,235						
Silty Sandstone	1,235	1,515	1,235	1,515						
Shaly Siltstone	1,515	1,602	1,515	1,602						
Big Lime	1,627	2,462	1,627	2,463						
Fifty Foot Sandstone	2,462	2,535	2,463	2,535						
Gordon	2,535	2,882	2,535	2,883						
Fifth Sandstone	2,882	3,222	2,883	3,226						
Bayard	3,222	3,760	3,226	3,773						
Speechley	3,760	4,094	3,773	4,115						
Balltown	4,094	4,271	4,115	4,295						
Bradford	4,271	4,536	4,295	4,567						
Benson	4,536	4,690	4,567	4,724						
Alexander	4,690	5,912	4,724	6,041						
Sycamore	5,781	5,887	5,866	6,016						
Middlesex	5,887	5,973	6,016	6,185						
Burkett	5,973	5,998	6,185	6,252						
Tully	5,998	6,004	6,252	6,275						
Marcellus	6,004	NA	6,275	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:	4/27/2019
Job End Date:	5/19/2019
State:	West Virginia
County:	Tyler
API Number:	47-095-02535-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	Remington Unit 2H
Latitude:	39.41513400
Longitude:	-80.95644900
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,134
Total Base Water Volume (gal):	19,053,984
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	100.00000	88.37251	
Calbreak 5501	cws	Breaker					
				Listed Below			

CalGel 4000	CWS	Gel Slurry		
			Listed Below	
15% HCl Acid	CWS	Clean Perforations		
			Listed Below	
Sand (Proppant)	CWS	Propping Agent		
			Listed Below	
SaniFrac 8844	CWS	Biocide		
			Listed Below	
CI-9100G	CWS	Corrosion Inhibitor		
			Listed Below	
DWP-641	CWS	Friction Reducer		
			Listed Below	
DAP-902	CWS	Scale Inhibitor		
			Listed Below	
DAP-103	CWS	Iron Control		
			Listed Below	
Other Chemical (s)	Listed Above	See Trade Name (s) List		

		Listed Below			
ome above are Trade Names with the execution	n of Rose Water. Items helpy are the indi	vidual ingradiants			
ems above are Trade Names with the exceptio	Crystalline silica (Quartz)		100.00000	11.30737	
	Calcite	471-34-1	1.00000	0.07876	
	Hydrochloric acid	7647-01-0	37.00000	0.05348	
	Illite	12173-60-3	1.00000	0.03429	
	Guar gum	9000-30-0	60.00000	0.02782	
	Distillates (petroleum), hydrotreated middle	64742-46-7	60.00000	0.02782	
	Polymer	26100-47-0	45.00000	0.02184	
	Distillates (petroleum), hydrotreated light	64742-47-8	30.00000	0.01456	
	Apatite	64476-38-6	0.10000	0.01131	
	Goethite	1310-14-1	0.10000	0.01131	
	Biotite	1302-27-8	0.10000	0.01131	
	Polyethylene glycol mixture	25322-68-3	54.50000	0.00598	
	Ammonium chloride	12125-02-9	11.00000	0.00534	
	Ilmenite	98072-94-7	0.10000	0.00343	
	Quaternary ammonium compounds, bis (hydrogenated tallow alkyl)dimethyl, salts with bentonite	68953-58-2	5.00000	0.00232	
	2,2-Dibromo-3- Nitrilopropionamide	10222-01-2	20.00000	0.00219	
	Sorbitan monooleate	1338-43-8	4.00000	0.00194	
	Polyethylene glycol monooleate	9004-96-0	3.00000	0.00146	
	Ammonium Persulfate	7727-54-0	100.00000	0.00100	
	Sorbitol tetraoleate	61723-83-9	2.00000	0.00097	
	Oxirane, 2-methyl-, polymer with oxirane, monodecyl ether	37251-67-5	1.50000	0.00070	
	Amines, tallow alkyl, ethoxylated	61791-26-2	1.00000	0.00049	

		Citric acid	77-92-9	60.00000	0.00048	
		Sodium bromide	7647-15-6	4.00000	0.00044	
		Dibromoacetonitrile	3252-43-5	3.00000	0.00033	
		Alkyloxypolyethyleneoxy ethanol	84133-50-6	0.50000	0.00024	
		Vinylidene chloride- methyl acrylate copolymer	25038-72-6	20.00000	0.00020	
		Acrylamide	79-06-1	0.10000	0.00005	
		Ethylene Glycol	107-21-1	40.00000	0.00003	
		Ethoxylated Alcohols	68131-39-5	10.00000	0.00001	
		Diethylene glycol, monomethyl ether	34590-94-8	20.00000	0.00001	
		Cinnamaldehyde	104-55-2	10.00000	0.00001	
		Isopropyl alcohol	67-63-0	5.00000	0.00001	
		Formic acid	64-18-6	10.00000	0.00001	
		Tar bases, quinolone derivs, benzyl chloride-quatenized	72480-70-7	10.00000	0.00001	
_		Glycol	57-55-6			Proprietary Additive Concentration
		Organic Acid Salts	9003-04-7			Proprietary Additive Concentration

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)

^{*} Total Water Volume sources may include various types of water including fresh water, produced water, and recycled water
** Information is based on the maximum potential for concentration and thus the total may be over 100%
*** If you are calculating a percentage of total ingredients do not add the water volume below the green line to the water volume above the green line

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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 F	Resources Corporation				
API No: 47-095-02535			County:	Tyler		
District:	istrict: Meade			Well No:	Remington Unit 2H	
Farm Name:	James S	Sine et al				
Discharge Date/s I	From:(M	IMDDYY) 06/20/19	7680	To: (MMI	ODYY) 07/20/19	
Discharge Times.	From:	0:00		To: 24:00	0	
Total Volume to b	e Dispos	sed from this facility (gal	lons):	961,769		
Disposal Option(s)) Utilize	d (write volumes in gallor	ns):			
(1) Land Applica	tion:		(Includ	e a topograpł	nical map of the Area.)	
(2) UIC:		92,477	Permit		821, 3400923823, 3400923824, 341672973 543, 3416729464, 3416729445	
(3) Offsite Dispos	sal:		Site Lo			
(4) Reuse:		869,292	Alterna	te Permit Nu	mber:	
(5) Centralized Fa	acility:		Permit			
(6) Other method			(Includ	e an explanat	tion)	
		to determine your treatme				
Optional Pretreat			n/a	DO mg/	1	
1. Do you have	permiss	ion to use expedited treatr				
(Y/N) <u>n/a</u>		If yes, who?		and	I place a four (4) on line 7.	
If not go to li				7.0		
	id or flo	owback put into the pit? (Y	(N) n/a	If yes	s, go to line 5. If not, go to	
line 3.	1.1	11	- ah arra\9	(V/NI) n/o	If was no to line 4	
If not, go to l		de value pretreatment (see	above)?	(Y/N) <u>II/a</u>	If yes, go to line 4	
		less than 5000 mg/l? (V/N	J) n/a	If ves t	hen enter a one (1) on line 7.	
		atment value for DO? (Se				
If not, enter a	17		c 450 (c)	(1/11)	11) es, go to ime o	
		er than 2.5 mg/l?(Y/N) n	/a	If yes, e	enter a two (2) on line 7. If	
not, enter a tl	_					
7. n/a is tl	ne categ	ory of your pit. Use the A	ppropriat	te section.		
8. Comments	on Pit c	condition: n/a No pit on s	site.			
			2010			
		c. Officer: Gretchen Kohler	WINDOWS CO.			
Title of Officer:		nior Environmental and Regulate	ory Manage	<u>r </u>		
Date Completed		Ity of law that I have no	maanally,		d om familian with the	
		alty of law that I have pe on this document and all t				
		mediately responsible for				
		urate, and complete. I am				
		ation, including the possib				
8	I	2,10		Co. (200)		
	_Q	Jutchan K	00			
	Signa	ture of a Principal Exec. (Officer or	Authorized	agent.	

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1.180 = 31.0					
Category 1 Sampling Results					
API No:		_			
	D 1	1	Diag	h a u a a	
Parameter	Pread Limits	scharge Reported	Limits	harge Reported	Units
pH	6-10	Reported	6-10	Reported	S.U
Settling Time	5	3	N/A	N/A	Days
Fe	6	3	6	1 1/1 1	mg/l
D.O.	2.5	-	2.5	·	mg/l
Settleable Sol.	0.5	<u> </u>	0.5	() 	mg/l
Cl	5,000		5,000	N-100	mg/l
Oil	Trace		Trace	10 <u></u>	Obs.
TOC**	11400		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 report	ed if the pH	is above 9.0			
J F					
Category 2					
Sampling Results					
API No:					
All No.		_			
	Predi	scharge	Disc		
Parameter	Limits	Reported	Limits	Reported	Units
pН	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	n inspector's	approval.			

Can be 25,000 with inspector's approval,

(Inspector's signature):

*** Include a description of your aeration technique.

*** Al is only reported if the pH is above 9.0 Date: Aeration Code:

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Page	3	of 3

API No:

(Inspector's signature):

Category 3	
Sampling Results	
API No:	

	Predischarge		Disc	Discharge	
Parameter	Limits	Reported	Limits	Reported	Units
pН	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 v	vith inspector's	approval,			
(Inspector's signar	ture):		D	ate:	
** Include a descr	ription of your a	eration techniq	jue.	Aeration Cod	e:
*** Al is only rep					
Category 4 Sampling Results					

Discharge Predischarge Reported Units **Parameter** Limits Limits Reported рН 6-10 6-10 S.U Settling Time N/A N/A 1 Days Fe Monitor Monitor mg/1D.O. Monitor mg/l Monitor Settleable Sol. Monitor mg/l Monitor Cl* 12,500 12,500 mg/l Oil Trace Trace Obs. TOC** Monitor mg/l Oil and Grease Monitor mg/l **TSS** Monitor mg/1Total Mn Monitor mg/l Monitor Volume Gal Monitor Gal/min Flow Monitor N/A N/A lb/Bl Activated Carbon (0.175) N/A 10 days from dis. Date Site Reclaimed N/A Monitor Acres Disposal Area * Can be 25,000 with inspector's approval,

Date:

