

August 9, 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 57<sup>th</sup> 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:

- Beem Unit 3H (API # 47-095-02474)—Pyle Run Pad
- ➤ Heintzman Unit 1H (API # 47-095-02526)—Pyle Run Pad
- ► Heintzman Unit 2H (API # 47-095-02527)—Pyle Run Pad
- ► Heintzman Unit 3H (API # 47-095-02528)—Pyle Run Pad
- Spock Unit 1H (API # 47-095-02478)—Pyle Run Pad
- Spock Unit 2H (API # 47-095-02427)—Pyle Run Pad
- Spock Unit 3H (API # 47-095-02428)—Pyle Run 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	Field/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	47			Farm name				We	Well number			
					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	<del> </del> 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	<del> </del> = дт	ΤΔ	CHE	h D F	ΧH	BIT 2	<del> </del>
1	1					<b>-</b> / <b>.</b>						<b>-</b> 

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 <sub>2</sub> 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	<del></del>
Submittal of H	ydraulic F	racturing C	hemical	Disclos	ure Info	rmation	At	tach copy o	of FRACFO	CUS Registry	

API <u>47-095-02427</u> Farm Name <u>Tyrone L. Beem et al</u> Well Number <u>Spock Unit 2H</u> EXHIBIT 1								
	5 f ::			N. 1. C				
Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations			
1	2/11/2019	16925		60	Marcellus			
2	2/11/2019	16795.218	16628.308	60	Marcellus			
3	2/12/2019	16592.526	16425.616	60	Marcellus			
4	2/12/2019	16389.834	16222.924	60	Marcellus			
5	2/12/2019	16187.142	16020.232	60	Marcellus			
6	2/13/2019	15984.45	15817.54	60	Marcellus			
7	2/13/2019	15781.758	15614.848	60	Marcellus			
8	2/13/2019	15579.066	15412.156	60	Marcellus			
9	2/13/2019	15376.374	15209.464	60	Marcellus			
10	2/14/2019	15173.682	15006.772	60	Marcellus			
11	2/14/2019	14970.99	14804.08	60	Marcellus			
12	2/14/2019	14768.298	14601.388	60	Marcellus			
13	2/14/2019	14565.606	14398.696	60	Marcellus			
14	2/21/2019	14362.914	14196.004	60	Marcellus			
15	2/21/2019	14160.222	13993.312	60	Marcellus			
16	2/21/2019	13957.53	13790.62	60	Marcellus			
17	2/22/2019	13754.838	13587.928	60	Marcellus			
18	2/22/2019	13552.146	13385.236	60	Marcellus			
19	2/22/2019	13349.454	13182.544	60	Marcellus			
20	2/23/2019	13146.762	12979.852	60	Marcellus			
21	2/24/2019	12944.07	12777.16	60	Marcellus			
22	2/24/2019	12741.378	12574.468	60	Marcellus			
23	2/26/2019	12538.686	12371.776	60	Marcellus			
24	2/26/2019	12335.994	12169.084	60	Marcellus			
25	2/26/2019	12133.302	11966.392	60	Marcellus			
26	2/27/2019	11930.61	11763.7	60	Marcellus			
27	2/27/2019	11727.918	11561.008	60	Marcellus			
28	2/27/2019	11525.226	11358.316	60	Marcellus			
29	3/1/2019	11322.534	11155.624	60	Marcellus			
30	3/1/2019	11119.842	10952.932	60	Marcellus			
31	3/1/2019	10917.15	10750.24	60	Marcellus			
32	3/1/2019	10714.458	10547.548	60	Marcellus			
33	3/2/2019	10511.766	10344.856	60	Marcellus			
34	3/2/2019	10309.074	10142.164	60	Marcellus			
35	3/2/2019	10106.382	9939.472	60	Marcellus			
36	3/2/2019	9903.69	9736.78	60	Marcellus			
37	3/2/2019	9700.998	9534.088	60	Marcellus			
38	3/3/2019	9498.306	9331.396	60	Marcellus			
39	3/3/2019	9295.614	9128.704	60	Marcellus			
40	3/3/2019	9092.922	8926.012	60	Marcellus			
41	3/3/2019	8890.23	8723.32	60	Marcellus			
42	3/4/2019	8687.538	8520.628	60	Marcellus			
43	3/4/2019	8484.846	8317.936	60	Marcellus			
44	3/5/2019	8282.154	8115.244	60	Marcellus			
45	3/5/2019	8079.462	7912.552	60	Marcellus			
	3/5/2019	7876.77	7709.86					
46	3/6/2019	7674.078	7507.168	60	Marcellus			
47				60	Marcellus			
48	3/6/2019	7471.386	7304.476	60	Marcellus			
49	3/6/2019	7268.694	7101.784	60	Marcellus			
50	3/6/2019	7066.002	6899.092	60	Marcellus			

API 47-095-02427 Farm Name Tyrone L. Beem et al_Well Number Spock Unit 2H									
	EXHIBIT 2								
			Avg	Max			A a	Amount of	
Stage No.	Stimulations	Avg Pump	Treatment	Breakdown	ISIP (PSI)	Amount of Proppant	Amount of Water	Nitrogen/	
Stage No.	Date	Rate	Pressure	Pressure	1317 (131)	(lbs)	(bbls)	other	
	2/44/2040	74 0270	(PSI)	(PSI)	2440		, ,	(units)	
1	2/11/2019	71.0379	7838.957	6543	3418	264280	6464	N/A	
2	2/11/2019	77.7026	8465.919	5798	5221	366520	10065	N/A	
3	2/12/2019	76.0511	8317.96	5656	4002	414750	8655	N/A	
4	2/12/2019	73.7868	7771.318	5273	4091	415000	8702	N/A	
5	2/12/2019	74.8952	7826.391	5367	4007	413090	8421	N/A	
6	2/13/2019	77.908	8253.222	5315	4129	412330	8370	N/A	
7	2/13/2019	76.5494	7781.484	5501	4342	415000	8549	N/A	
8	2/13/2019	75.5831	7938.886	4767	3954	417400	8708	N/A	
9	2/13/2019	78.0706	8133.277	5248	3408	404580	8338	N/A	
10	2/14/2019	77.653	7877.13	5339	3915	414170	8420	N/A	
11	2/14/2019	75.2175	7639.72	4997	3781	413100	8293	N/A	
12	2/14/2019	76.1649	8204.648	5241	3523	411000	9983	N/A	
13	2/14/2019	78.8698	8032.715	5361	3579	408590	8370	N/A	
14	2/21/2019	62.9486	8171.207	5477	3431	364800	11272	N/A	
15	2/21/2019	76.4474	7985.342	5741	3624	415100	8337	N/A	
16	2/21/2019	77.8398	7872.364	5466	3590	415970	8300	N/A	
17	2/22/2019	77.9601	7834.69	5740	3519	415480	8267	N/A	
18	2/22/2019	77.1849	8029.193	5495	3654	413040	8290	N/A	
19	2/22/2019	49.997	8500.575	5575	4846	238720	8089	N/A	
20	2/23/2019	79.0735	7844.45	5573	4021	411780	9018	N/A	
21	2/24/2019	75.8253	7390.221	6167	5269	369890	11443	N/A	
22	2/24/2019	77.587	7932.189	5672	3637	413020	8311	N/A	
23	2/26/2019	75.9142	7752.735	5165	4116	413440	12470	N/A	
24	2/26/2019	78.1839	7774.116	5676	4923	405420	8234	N/A	
25	2/26/2019	80.0989	7689.248	5306	4401	414130	8249	N/A	
26	2/27/2019	75.1352	7874.952	5701	5046	413130	10186	N/A	
27	2/27/2019	78.4509	7684.706	6519	3896	412500	8385	N/A	
28	2/27/2019	79.2051	7760.681	5856	3765	413900	8241	N/A	
29	3/1/2019	61.3605	8103.453	6313	3605	411200	9854	N/A	
30	3/1/2019	78.2883	7594.599	6100	3461	412380	8072	N/A	
31	3/1/2019	79.0154	7594.59	5358	3697	411560	8398	N/A	
32	3/1/2019	78.6649	7722.025	5998	3703	412400	8024	N/A	
33	3/2/2019	79.953	7502.116	6005	3871	411500	8071	N/A	
34	3/2/2019	79.0885	7563.733	5733	3725	411320	8156	N/A	
35	3/2/2019	78.0874	7600.02	5445	3314	412140	8653	N/A	
36	3/2/2019	80.04	7279.809	5204	3510	409630	8110	N/A	
37	3/2/2019	79.8595	7438.478	4427	3659	407850	7915	N/A	
38	3/3/2019	80.1062	7281.33	5089	3985	408800	7997	N/A	
39	3/3/2019	80.3486	7147.408	5300	3693	410620	8067	N/A	
40	3/3/2019	77.4863	7152.728	5227	3396	411580	8088	N/A	
41	3/3/2019	78.9896	7149.761	6297	3543	414100	8104	N/A	
42	3/4/2019	79.8282	7222.623	6163	3534	414160	8163	N/A	
	3/4/2019	78.8384	7314.983	5389	3601	414160	7940	· ·	
43	3/5/2019	80.0426	7314.965	4738	3291		7940	N/A	
44	, ,					410786		N/A	
45	3/5/2019	79.578	6723.202	4082	3691	412320	8039	N/A	
46	3/5/2019	79.813	7135.748	4861	3736	413400	8017	N/A	
47	3/6/2019	78.9313	7206.464	5522	3775	413100	7966	N/A	
48	3/6/2019	80.3075	6919.491	5584	4845	410280	8000	N/A	
49	3/6/2019	78.5007	7638.827	5926	4276	416760	10290	N/A	
50	3/6/2019	70.6	7760	6222	3614	410500	10774	N/A	
		76.5	7,731	5,520	3,875	18,093,276	388,070	TOTAL	

API 47-095-02427 Farm Name Tyrone L. Beem et al Well Number Spock 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	175	75	175				
Silty Shale	175	335	175	335				
shaly sand	335	425	335	425				
Shale	425	855	425	855				
Dolomitic Shale	855	1,005	855	1,005				
Shaly Siltstone	1,005	1,105	1,005	1,105				
Silty Sandstone	1,105	1,325	1,105	1,325				
Shaly Sand	1,325	1,475	1,325	1,475				
Sandstone	1,475	1,725	1,475	1,725				
Silty, Shaly, Sandstone	1,725	1,765	1,725	1,765				
Sandstone, Tr Shale, Tr Coal	1,765	1,805	1,765	1,805				
Silty Sandstone	1,805	1,885	1,805	1,885				
Shaly Siltstone	1,885	1,928	1,885	1,956				
Big Lime	1,953	2,835	1,981	2,892				
Fifty Foot Sandstone	2,835	3,001	2,892	3,062				
Gordon	3,001	3,161	3,062	3,225				
Fifth Sandstone	3,161	3,439	3,225	3,512				
Bayard	3,439	3,922	3,512	4,015				
Speechley	3,922	4,146	4,015	4,252				
Balltown	4,146	4,667	4,252	4,792				
Bradford	4,667	5,038	4,792	5,173				
Benson	5,038	5,270	5,173	5,411				
Alexander	5,270	6,350	5,411	6,565				
Sycamore	6,208	6,325	6,393	6,540				
Middlesex	6,325	6,420	6,540	6,689				
Burkett	6,420	6,454	6,689	6,762				
Tully	6,454	6,482	6,762	6,852				
Marcellus	6,482	NA	6,852	NA				

<sup>\*</sup>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:	2/11/2019
Job End Date:	3/6/2019
State:	West Virginia
County:	Tyler
API Number:	47-095-02427-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	Spock 2H
Latitude:	39.39761100
Longitude:	-80.90760000
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,561
Total Base Water Volume (gal):	18,685,476
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	88.34423	
Sand	U.S. Well Services, LLC	Proppant					
			Crystalline Silica, quartz	14808-60-7	100.00000	11.42342	
HCL Acid (12.6%- 17.5%)	U.S. Well Services, LLC	Bulk Acid					
			Water	7732-18-5	87.40000	0.09288	
			Hydrogen Chloride	7647-01-0	17.50000	0.02160	
LGC-15	U.S. Well Services, LLC	Gelling Agents					
			Guar Gum	9000-30-0	50.00000	0.02628	
			Petroleum Distillates	64742-47-8	60.00000	0.02488	
			Suspending agent (solid)	14808-60-7	3.00000	0.00402	
			Surfactant	68439-51-0	3.00000	0.00158	
WFRA-405	U.S. Well Services, LLC	Friction Reducer					
			2-Propenoic acid, polymer with 2 propenamide		30.00000	0.01900	
			Hydrated light distillate (petroleum)	64742-47-8	30.00000	0.01529	

SI-1200	U.S. Well Services, LLC	Scale Inhibitor					
			Water	7732-18-5	80.00000	0.00981	
			Ethylene Glycol	107-21-1	40.00000	0.00701	
			Sodium Salt of Diethylenetriaminepenta (methylenephophonic acid)	68155-78-2	10.00000	0.00123	
			Sodium Chloride	7647-14-5	10.00000	0.00123	
Bioclear 2000	U.S. Well Services, LLC	Anti-Bacterial Agent					
			2,2-dibromo-3- nitrilopropionamide	10222-01-2	20.00000	0.00422	
			Deionized Water	7732-18-5	28.00000	0.00241	
AP One	U.S. Well Services, LLC	Gel Breakers					
			Ammonium Persulfate	7727-54-0	100.00000	0.00085	
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	
		1	Polyether	60828-78-6	10.00000	0.00001	
			Acetophenone,thiourea,formalde hyde polymer	68527-49-1	5.00000	0.00000	

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)

<sup>\*</sup> 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%

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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	200 (Unit - 10 William - 10 Wil	
API No:	47-095-02427	County:	Tyler
District:	Centerville	Well No:	Spock Unit 2H
Farm Name:	Tyrone L. Beem et al		27 - 104 - 10
Discharge Date/s I	From:(MMDDYY) 05/31/19	To: (MMI	ODYY) 05/31/19
Discharge Times.	From: 0:00	To: 24:00	)
Total Volume to b	e Disposed from this facility (gall	lons): 996,304	
Disposal Option(s)	Utilized (write volumes in gallon	ns):	
(1) Land Applica	tion:	(Include a topograph	nical map of the Area.)
(2) UIC:	130,517	Permit No. 34009238	21, 3400923823, 3400923824, 3416729731 43, 3416729464, 3416729445
(3) Offsite Dispos	sal:	Site Location:	
(4) Reuse:	865,787	Alternate Permit Nu	mber:
(5) Centralized Fa	acility:	Permit No.	
(6) Other method	:	(Include an explanat	ion)
	s below to determine your treatme		
	ment test: _n/a Cl- mg/l	n/a DO mg/l	
<ul> <li>(Y/N) n/a If not go to li</li> <li>2. Was Frac Fluctine 3.</li> <li>3. Do you have If not, go to le</li> <li>4. Is the Chloric</li> <li>5. Do you have If not, enter a</li> <li>6. Is the DO leve not, enter a the</li> <li>7. n/a is the</li> </ul>	ne 2 id or flowback put into the pit? (Ye a chloride value pretreatment (see	and	I place a four (4) on line 7.  s, go to line 5. If not, go to  If yes, go to line 4  hen enter a one (1) on line 7.
-			
And the Annual Control of the Contro	pal Exec. Officer: Gretchen Kohler		
information sub of those individ information is t		rsonally examined and the attachments and the obtaining the inform aware that there are s	at, based on my inquiry ation I believe that the significant penalties for

Signature of a Principal Exec. Officer or Authorized agent.

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Page 2 of 3	
Category 1	

Category 1	
Sampling Results	
API No:	

	Predischarge		Disc		
Parameter	Limits	Reported	Limits	Reported	Units
pН	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
C1	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		, <del></del>	Monitor		Gal
Flow			Monitor	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Gal/min
Disposal Area			Monitor		Acres
*** Al is only rep	orted if the pH	is above 9.0			

Category 2	
Sampling Results	
API No:	

	Predischarge		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		71000	Monitor		Gal
Flow			Monitor		Gal/min
Disposal Area			Monitor		Acres
	and the same of the same			The second secon	

<sup>\*</sup> Can be 25,000 with inspector's approval,

(Inspector's signature):	Date:
** Include a description of your aeration technique.	Aeration Code:

<sup>\*\*\*</sup> Al is only reported if the pH is above 9.0

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Sampling Results

API No:

(Inspector's signature):

Category 3	
Sampling Results	
API No:	

	Predis	scharge	Disc	harge	
Parameter	Limits	Reported	Limits	Reported	Units
pН	6-10	0.00.000 A - 0.00.000 A - 0.00.00000	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 signat	ure):		Da	ate:	
** Include a descri	iption of your a	aeration techniq	ue.	Aeration Cod	le:
*** Al is only repo			·.		
Category 4					

	Predis	charge	Disc	harge	
Parameter	Limits	Reported	Limits	Reported	Units
pН	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/B1
Date Site Reclaimed	N/A	N/A			10 days from dis.
Disposal Area			Monitor		Acres
* Can be 25,000 wi	th inspector's	approval,			

Date:

