

March 20, 2020

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 off of the **Weekley Trust Pad**:

- > Cinqmars Unit 1H-2H
- ➤ Goliad Unit 1H-2H
- Ray Unit 1H-3H
- > Swartzmiller Unit 1H-2H

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:	

□ Yes □ No

DETAILS \_\_\_\_\_

TYPE OF TRACER(S) USED \_\_\_\_\_

WAS WELL COMPLETED OPEN HOLE?

WERE TRACERS USED □ Yes □ No

API 4	47			_ Farm na	me				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	<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	<b>)</b>
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	

		EXH	IIBIT 1		
Stage No.	Perforation	Perforated from MD	Perforated to	Number of	Formations
Stuge No.	Date	ft.	MD ft.	Perforations	Torritations
1	6/29/2019	16481.6	16536.6	60	Marcellus
2	6/30/2019	16283.3	16450.55	60	Marcellus
3	6/30/2019	16085	16252.25	60	Marcellus
4	7/1/2019	15886.7	16053.95	60	Marcellus
5	7/1/2019	15688.4	15855.65	60	Marcellus
6	7/1/2019	15490.1	15657.35	60	Marcellus
7	7/1/2019	15291.8	15459.05	60	Marcellus
8	7/2/2019	15093.5	15260.75	60	Marcellus
9	7/2/2019	14895.2	15062.45	60	Marcellus
10	7/8/2019	14696.9	14864.15	60	Marcellus
11	7/8/2019	14498.6	14665.85	60	Marcellus
12	7/9/2019	14300.3	14467.55	60	Marcellus
13	7/9/2019	14102	14269.25	60	Marcellus
14	7/9/2019	13903.7	14070.95	60	Marcellus
15	7/10/2019	13705.4	13872.65	60	Marcellus
16	7/10/2019	13507.1	13674.35	60	Marcellus
17	7/10/2019	13308.8	13476.05	60	Marcellus
18	7/11/2019	13110.5	13277.75	60	Marcellus
19	7/11/2019	12912.2	13079.45	60	Marcellus
20	7/12/2019	12713.9	12881.15	60	Marcellus
21	7/12/2019	12515.6	12682.85	60	Marcellus
22	7/12/2019	12317.3	12484.55	60	Marcellus
23	7/13/2019	12119	12286.25	60	Marcellus
24	7/13/2019	11920.7	12087.95	60	Marcellus
25	7/13/2019	11722.4	11889.65	60	Marcellus
26	7/13/2019	11524.1	11691.35	60	Marcellus
27	7/14/2019	11325.8	11493.05	60	Marcellus
28	7/14/2019	11127.5	11294.75	60	Marcellus
29	7/15/2019	10929.2	11096.45	60	Marcellus
30	7/15/2019	10730.9	10898.15		
	7/15/2019	10532.6	10699.85	60	Marcellus Marcellus
31	7/15/2019	10334.3	10501.55	60	
32	7/16/2019	10136	10303.25	60	Marcellus
33	7/16/2019	9937.7	10104.95	60	Marcellus
34	7/16/2019	9739.4	9906.65	60	Marcellus
35	7/10/2019	9541.1	9708.35	60	Marcellus
36	7/17/2019	9342.8		60	Marcellus
37	7/17/2019	9342.8	9510.05	60	Marcellus
38	7/17/2019	9144.5 8946.2	9311.75	60	Marcellus
39			9113.45	60	Marcellus
40	7/17/2019	8747.9	8915.15	60	Marcellus
41	7/18/2019	8549.6	8716.85	60	Marcellus
42	7/18/2019	8351.3	8518.55	60	Marcellus
43	7/18/2019	8153	8320.25	60	Marcellus
44	7/18/2019	7954.7	8121.95	60	Marcellus
45	7/19/2019	7756.4	7923.65	60	Marcellus
46	7/19/2019	7558.1	7725.35	60	Marcellus
47	7/19/2019	7359.8	7527.05	60	Marcellus
48	7/19/2019	7161.5	7328.75	60	Marcellus
49	7/20/2019	6963.2	7130.45	60	Marcellus

	API 47-085-10345 Farm Name David L. Weekley Revocable Trust Well Number Goliad Unit 2H											
				EXHIBI	Γ 2							
			Avg	Max			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 (731)	(lbs)	(bbls)	other				
	- / /		(PSI)	(PSI)			, ,	(units)				
1	6/29/2019	70.03	8057	6722	3141	162560	4896	N/A				
2	6/30/2019	69.73	8574	5722	3359	401640	8482	N/A				
3	6/30/2019	71.95	8397	5519	3687	401920	8934	N/A				
4	7/1/2019	74.8	7680	5150	3439	407780	10822	N/A				
5	7/1/2019	71.22	7693	5314	3517	399940	8712	N/A				
6	7/1/2019	77.3	7354	5314	3565	407120	8784	N/A				
7	7/1/2019	79.27	7750	5586	3486	404840	8726	N/A				
8	7/2/2019	56.2	7395	5440	8446	270855	14607	N/A				
9	7/2/2019	75.45	7784	5404	3297	401500	8740	N/A				
10	7/8/2019	69.72	8179	6299	3649	406740	12769	N/A				
11	7/8/2019	78.76	7958	5227	3624	404120	8712	N/A				
12	7/9/2019	78.98	7622	5386	3590	407720	8658	N/A				
13	7/9/2019	77.37	7491	5727	3492	399760	9078	N/A				
14	7/9/2019	79.01	7541	5190	3506	416180	8800	N/A				
15	7/10/2019	78.45	7675	5375	3581	401520	8704	N/A				
16	7/10/2019	77.38	7402	5923	3597	403860	8760	N/A				
17	7/10/2019	78.8	7307	5825	3511	400180	8574	N/A				
18	7/11/2019	75.79	7350	5679	3492	407050	9081	N/A				
19	7/11/2019	78.6	7394	5454	3438	406380	8638	N/A				
20	7/12/2019	77.5	7540	5922	3473	405040	8588	N/A				
21	7/12/2019	75.14	7458	5543	3521	399820	8640	N/A				
22	7/12/2019	76.76	7339	5495	3730	406980	8642	N/A				
23	7/13/2019	80.3	7830	6075	3690	400380	8564	N/A				
24	7/13/2019	79.7	7556	5950	3667	384705	8085	N/A				
25	7/13/2019	75.99	7277	5867	3659	376220	8631	N/A				
26	7/13/2019	79.98	7216	5700	3625	385635	8379	N/A				
27	7/14/2019	73.17	7363	5684	3896	403000	14049	N/A				
28	7/14/2019	79.6	7385	5718	3605	403080	8574	N/A				
29	7/15/2019	79.82	7503	5706	3542	397300	8483	N/A				
30	7/15/2019	76.64	6845	5678	3520	399860	8774	N/A				
31	7/15/2019	76.67	6927	6208	3547	402720	8863	N/A				
32	7/15/2019	78.67	7271	5975	3648	402120	8564	N/A				
33	7/16/2019	78.29	7180	5876	3634	399225	8517	N/A				
34	7/16/2019	76.63	6867	5987	3593	401120	8655	N/A				
35	7/16/2019	79.1	6743	6577	3707	409700	8737	N/A				
36	7/17/2019	79.9	7006	5789	3482	400920	8508	N/A				
37	7/17/2019	80.38	7145	5856	3744	392640	8345	N/A				
38	7/17/2019	77.29	6981	5848	3606	397080	8443	N/A				
39	7/17/2019	78.01	6896	5459	3463	396960	8365	N/A				
40	7/17/2019	79.92	7071	6001	3614	397160	8205	N/A				
41	7/18/2019	79.62	7012	5793	3817	403320	8418.6	N/A				
42	7/18/2019	80.71	7184	5702	3827	405900	8452.5	N/A				
43	7/18/2019	79.52	6939	5785	3754	402220	8413.9	N/A				
44	7/18/2019	79.88	7080	5714	3721	399460	8370.8	N/A				
45	7/19/2019	79.88	7040	6042	3860	398400	8229.7	N/A				
	7/19/2019	76.85	7194	5722	3632		8524	•				
46						397720		N/A				
47	7/19/2019	80.69	7162	6559	3662	414000	8480.4	N/A				
48	7/19/2019	77.17	6849	6120	3792	400620	8453	N/A				
49	7/20/2019	81.15	6876	5773	3994	402800	8335.4	N/A				
	AVG	76.8	7,406	5,738	3,697	17,682,630	400,974	TOTAL				

API 47-085-10345 Farm Name David L. Weekley Revocable Trust Well Number Goliad 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	225	0	225						
Silty sandstone w/ coal	225	265	225	265						
Sandy Siltstone	265	325	265	325						
Silty sandstone	325	405	325	405						
Sandy sahle	405	425	405	425						
Sandy, limy siltstone	425	485	425	485						
Sandstone	485	585	485	585						
Siltstone	585	685	585	685						
Sandstone w lime stingers	685	1,275	685	1,275						
Silty sandstone	1,275	1,685	1,275	1,685						
Limy shale	1,685	1,905	1,685	1,905						
Sandstone	1,905	2,045	1,905	2,045						
Siltstone	2,045	2,055	2,045	2,096						
Big Lime	2,070	2,839	2,072	2,885						
Fifty Foot Sandstone	2,839	3,001	2,861	3,049						
Gordon	3,001	3,120	3,025	3,171						
Fifth Sandstone	3,120	3,517	3,147	3,575						
Bayard	3,517	4,120	3,551	4,191						
Speechley	4,120	4,357	4,167	4,435						
Balltown	4,357	4,978	4,411	5,073						
Bradford	4,978	5,380	5,049	5,483						
Benson	5,380	5,594	5,459	5,701						
Alexander	5,594	6,422	5,677	6,619						
Sycamore	6,299	6,398	6,458	6,595						
Middlesex	6,398	6,495	6,595	6,776						
Burkett	6,495	6,526	6,776	6,854						
Tully	6,526	6,548	6,854	6,919						
Marcellus	6,548	NA	6,919	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: 6/28/2019  Job End Date: 7/20/2019  State: West Virginia  County: Ritchie  API Number: 47-085-10345-00-00  Operator Name: Antero Resources Corporation  Well Name and Number: Goliad 28
State: West Virginia County: Ritchie API Number: 47-085-10345-00-0 Operator Name: Antero Resources Corporation
County: Ritchic API Number: 47-085-10345-00-0 Operator Name: Antero Resources Corporation
API Number: 47-085-10345-00-00 Operator Name: Antero Resources Corporation
Operator Name: Antero Resources Corporation
·
Woll Name and Number:
Well Name and Number.
Latitude: 39.3716000
Longitude: -80.9237527
Datum: NAD8
Federal Well:
Indian Well:
True Vertical Depth: 6,61
Total Base Water Volume (gal): 18,740,466
Total Base Non Water Volume:







#### **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
Fresh Water	Halliburton	Base Fluid					
			Water	7732-18-5	100.00000	88.66192	Density = 8.34
Ingredients	Listed Above	Listed Above					
			Water	7732-18-5	100.00000	0.34432	

WG-36 GELLING AGENT	Halliburton	Gelling Agent			
			Listed Below		
MC B-8614	Halliburton	Biocide			
			Listed Below		
Excelerate EC-8	Halliburton	Friction Reducer			
			Listed Below		
FDP-S1296-17	Halliburton	Acid Corrosion Inhibitor			
			Listed Below		
CalBreak 5501	Calfrac Well Services Corp.	Breaker			
			Listed Below		
Sand-Common White-100 Mesh, SSA-2	Halliburton	Proppant			
			Listed Below		
HYDROCHLORI C ACID, 22 BAUME	Halliburton	Solvent			
			Listed Below		
Sand-Premium White-40/70	Halliburton	Proppant			
			Listed Below		
SP BREAKER	Halliburton	Breaker			

				Listed Below			
Sand-Premium White-30/50	Halliburton	Proppant					
				Listed Below			
SCALECHEK LP-70	Halliburton	Scale Inhibitor					
				Listed Below			
Items above are T	rade Names with the	ne exception of Base W	ater . Items below are the indiv	vidual ingredients.			
			Crystalline silica, quartz	14808-60-7	100.00000	10.94707	
			Hydrochloric acid	7647-01-0	15.00000	0.17583	
			Guar gum	9000-30-0	100.00000	0.01816	
			Inorganic salt	Proprietary	30.00000	0.01658	
			Acrylamide acrylate polymer	Proprietary	30.00000	0.01658	
			Hydrotreated light petroleum distillate	64742-47-8	30.00000	0.01658	
			Ethylene glycol	107-21-1	60.00000	0.00857	
			Glutaraldehyde	111-30-8	30.00000	0.00286	
			Telomer	Proprietary	10.00000	0.00143	
			Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl chlorides	68424-85-1	5.00000	0.00048	
			Ammonium Persulfate	7727-54-0	100.00000	0.00041	
			Methanol	67-56-1	100.00000	0.00031	
			Sodium polyacrylate	9003-04-7	1.00000	0.00014	
			Ethanol	64-17-5	1.00000	0.00010	
			2 Propenoic acid, methylester, polymer with 1,1-dichloroethene	25038-72-6	20.00000	0.00008	
			Sodium persulfate	7775-27-1	100.00000	0.00008	

	Mixture of dimer and trimer fatty acids of indefinite compostion derived from tall oil	61790-12-3	30.00000	0.00006	
	Modified thiourea polymer	Proprietary	30.00000	0.00006	
	Ethoxylated alcohols	Proprietary	5.00000	0.00001	
	Propargyl alcohol	107-19-7	5.00000	0.00001	
	Hexadecene	629-73-2	5.00000	0.00001	
	Phosphoric acid	7664-38-2	0.10000	0.00001	
	Acrylic acid	79-10-7	0.01000	0.00000	
	Sodium sulfate	7757-82-6	0.10000	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 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 Resources Corporation			
API No:	47-085-10345	County	: Ritchie	
District:	Clay	Well N	o: Goliad l	Jnit 2H
Farm Name:	David Weekley L. Revocable Trust			
Discharge Date/s From:(MMDDYY) 09/26/19			MDDYY)	10/26/19
Discharge Times.	To: <u>2</u> 4	4:00		
Total Volume to b	e Disposed from this facility (ga	llons): 906,634		
Disposal Option(s	) Utilized (write volumes in gallo	ons):		
(1) Land Applica	tion:	(Include a topogr	aphical maj	o of the Area.) 3400923824, 3416729731, 3416729543,
(2) UIC:	104,033	Permit No.34167294	64, 3416729445,	, 3410523619, 3410523652
(3) Offsite Dispo	sal:	Site Location:		
(4) Reuse:	802,601	Alternate Permit	Number:	
(5) Centralized F	acility:	Permit No.		
(6) Other method	l:	(Include an expla	nation)	
	s below to determine your treatm	~ .		
_	ment test: n/a Cl- mg/l	n/a DO n	•	
•	permission to use expedited treat			-
(Y/N) n/a			and place a	four (4) on line 7.
If not go to l		(V/NI) n/n If	voc en to 1	ing 5 If not go to
line 3.	aid or flowback put into the pit? (	1/N) <u>11/a</u> II	yes, go to 1	ine 5. If not, go to
	a chloride value pretreatment (se	e above)? (Y/N) n/	а	If yes, go to line 4
If not, go to l		<u>=</u>		11 9 05, go to 11110 1
, •	de level less than 5000 mg/l? (Y/	N) n/a If ye	s, then ente	r a one (1) on line 7.
	a pretreatment value for DO? (Se			If yes, go to line 6
If not, enter	a three (3) in line 7.			
	vel greater than 2.5 mg/l?(Y/N) _t	n/a If ye	s, enter a tv	vo (2) on line 7. If
,	hree (3) on line 7.			
	he category of your pit. Use the			
8. Comments	s on Pit condition: n/a No pit on	site		
				<u></u>
Name of Princi	pal Exec. Officer: Gretchen Kohle	<u> </u>		· · · · · · · · · · · · · · · · · · ·
Title of Officer	•			
Date Complete				
	der penalty of law that I have p	ersonally examined	and am far	miliar with the
	omitted on this document and all			
of those individ	duals immediately responsible fo	or obtaining the info	rmation I b	believe that the
information is t	true, accurate, and complete. I ar	n aware that there a	re significa	nt penalties for
submitting false	e information, including the possi	bility of fine and im	prisonment	•
	A1.01 0 1-			

Signature of a Principal Exec. Officer or Authorized agent.

WR-34 Page 2 of 3					
Category 1 Sampling Results API No:		_			
	Predi	scharge	Discl	harge	
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
Cl	5,000		5,000		mg/l
Oil	Trace	9	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 Disposal Area			Monitor Monitor	<del></del> .	Gal/min Acres
*** Al is only repor	ted if the pH	is above 9.0			
Category 2 Sampling Results API No:		_			
Sampling Results	Predi	– scharge	Disc	1arge	
Sampling Results		– scharge Reported		1arge Reported	Units
Sampling Results API No:	Predis Limits 6-10	– scharge Reported	Discl Limits 6-10	narge Reported	<b>Units</b> S.U
Sampling Results API No:  Parameter pH	Limits	~	Limits	•	S.U
Sampling Results API No:  Parameter	Limits 6-10	~	<b>Limits</b> 6-10	Reported	S.U Days
Sampling Results API No:  Parameter pH Settling Time	<b>Limits</b> 6-10 10	~	Limits 6-10 N/A	Reported	S.U Days mg/l
Sampling Results API No:  Parameter pH Settling Time Fe	<b>Limits</b> 6-10 10 6	~	<b>Limits</b> 6-10 N/A 6	Reported	S.U Days mg/l mg/l
Sampling Results API No:  Parameter pH Settling Time Fe D.O.	Limits 6-10 10 6 2.5 0.5	Reported	6-10 N/A 6 2.5 0.5	N/A	S.U Days mg/l mg/l mg/l
Sampling Results API No:  Parameter pH Settling Time Fe D.O. Settleable Sol.	Limits 6-10 10 6 2.5	~	Limits 6-10 N/A 6 2.5	Reported N/A	S.U Days mg/l mg/l
Sampling Results API No:  Parameter pH Settling Time Fe D.O. Settleable Sol. Cl*	6-10 10 6 2.5 0.5 12,500	Reported	6-10 N/A 6 2.5 0.5 12,500	N/A	S.U Days mg/l mg/l mg/l
Sampling Results API No:  Parameter pH Settling Time Fe D.O. Settleable Sol. Cl* Oil	6-10 10 6 2.5 0.5 12,500	Reported	6-10 N/A 6 2.5 0.5 12,500 Trace	Reported N/A	S.U Days mg/l mg/l mg/l mg/l Obs.
Sampling Results API No:  Parameter pH Settling Time Fe D.O. Settleable Sol. Cl* Oil TOC**	6-10 10 6 2.5 0.5 12,500	Reported	6-10 N/A 6 2.5 0.5 12,500 Trace Monitor	N/A	S.U Days mg/l mg/l mg/l mg/l Obs. mg/l
Parameter pH Settling Time Fe D.O. Settleable Sol. Cl* Oil TOC** Oil and Grease	6-10 10 6 2.5 0.5 12,500	Reported	Limits 6-10 N/A 6 2.5 0.5 12,500 Trace Monitor Monitor	N/A	S.U Days mg/l mg/l mg/l obs. mg/l mg/l
Parameter pH Settling Time Fe D.O. Settleable Sol. Cl* Oil TOC** Oil and Grease Total Al***	6-10 10 6 2.5 0.5 12,500	Reported	Climits 6-10 N/A 6 2.5 0.5 12,500 Trace Monitor Monitor	N/A	S.U Days mg/l mg/l mg/l Obs. mg/l mg/l mg/l
Sampling Results API No:  Parameter pH Settling Time Fe D.O. Settleable Sol. Cl* Oil TOC** Oil and Grease Total Al*** TSS	6-10 10 6 2.5 0.5 12,500 Trace	Reported	Climits 6-10 N/A 6 2.5 0.5 12,500 Trace Monitor Monitor Monitor	N/A	S.U Days mg/l mg/l mg/l obs. mg/l mg/l mg/l mg/l
Sampling Results API No:  Parameter pH Settling Time Fe D.O. Settleable Sol. Cl* Oil TOC** Oil and Grease Total Al*** TSS Total Mn	6-10 10 6 2.5 0.5 12,500 Trace	Reported	Limits 6-10 N/A 6 2.5 0.5 12,500 Trace Monitor Monitor Monitor Monitor Monitor	N/A	S.U Days mg/l mg/l mg/l Obs. mg/l mg/l mg/l mg/l mg/l
Parameter pH Settling Time Fe D.O. Settleable Sol. Cl* Oil TOC** Oil and Grease Total Al*** TSS Total Mn Volume	6-10 10 6 2.5 0.5 12,500 Trace	Reported	Limits 6-10 N/A 6 2.5 0.5 12,500 Trace Monitor Monitor Monitor Monitor Monitor Monitor	Reported  N/A	S.U Days mg/l mg/l mg/l Obs. mg/l mg/l mg/l mg/l mg/l

Date:	
Aeration Code:	

<sup>(</sup>Inspector's signature):

\*\* Include a description of your aeration technique.

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

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Category 3	
Sampling Results	
API No:	

	Predischarge		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					
TSS		Monitor mg				
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				ate:		
** Include a description of your aeration technique. Aeration Code:						
*** Al is only rep	orted if the pH	is above 9.0.				
Category 4						
Sampling Results						
API No:						

	Predis	Predischarge		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/1	
Oil	Trace		Trace		Obs.	
TOC**			Monitor		mg/1	
Oil and Grease			Monitor		mg/l	
TSS			Monitor		mg/l	
Total Mn	Monitor		Monitor		mg/1	
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 wi	th inspector's	approval,				

Date:

(Inspector's signature):

