

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

API 47-095-02390 County Tyler District Meade  
Quad Pennsboro 7.5' Pad Name Ritchie Petroleum Pad Field/Pool Name ----  
Farm name David M. Hartley Well Number Hopper Unit 3H  
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 4356657m Easting 502139m  
Landing Point of Curve Northing 4355738.90m Easting 502496.18m  
Bottom Hole Northing 4354627m Easting 502955m

Elevation (ft) 1176' 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 12/27/2016 Date drilling commenced 3/4/2017 Date drilling ceased 10/8/2017  
Date completion activities began 6/14/2018 Date completion activities ceased 7/30/2018  
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 N/A Open mine(s) (Y/N) depths No  
Salt water depth(s) ft N/A Void(s) encountered (Y/N) depths No  
Coal depth(s) ft None Identified Cavern(s) encountered (Y/N) depths No  
Is coal being mined in area (Y/N) No

Reviewed by:

API 47-095 - 02390 Farm name David M. Hartley Well number Hopper Unit 3H

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"	112'	New	94#, H-40	N/A	Y
Surface	17-1/2"	13-3/8"	373'	New	48#, H-40	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	2586'	New	36#, J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-3/4"/8-1/2"	5-1/2"	13689'	New	23#, P-110	N/A	Y
Tubing		2-3/8"	6614'		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 <sup>3</sup> /sks)	Volume (ft <sup>3</sup> )	Cement Top (MD)	WOC (hrs)
Conductor	Class A	202 sx	15.6	1.18	244	0'	8 Hrs.
Surface	Class A	335 sx	15.6	1.18	405	0'	8 Hrs.
Coal							
Intermediate 1	Class A	880 sx	15.6	1.18	1047	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production	Class H	730 sx (Lead) 1040 sx (Tail)	13.5 (Lead), 15.2 (Tail)	1.44 (Lead), 1.87 (Tail)	2679	~500' into Intermediate Casing	8 Hrs.
Tubing							

Drillers TD (ft) 13688' MD, 6465' TVD (BHL), 6467' (Deepest Point Drilled) Loggers TD (ft) 13688' MD

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

Plug back procedure N/A

Kick off depth (ft) 5850'

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



API 47- 095 - 02390 Farm name David M. Hartley Well number Hopper Unit 3H

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>		
Marcellus	6404' (TOP)	TVD	6671' (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 4983 mcfpd Oil 51 bpd NGL --- bpd Water 563 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 <sub>2</sub> 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 Allied Horizontal Wireline Services  
Address 381 Colonial Manor Road City North Huntington State PA Zip 15642

Cementing Company BJ Services  
Address 1036 East Main Street City Bridgeport State WV Zip 26330

Stimulating Company Halliburton  
Address 121 Champion Way, Suite 200 City Canonsburg State PA Zip 15317

Please insert additional pages as applicable.

Completed by Megan Griffith Telephone 303-357-7223  
Signature  Title Permitting Agent Date \_\_\_\_\_

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

API 47-095-02390 Farm Name David M. Hartley Well Number Hopper Unit 3H

**EXHIBIT 1**

Stage No.	Perforation Date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formations
1	6/14/2018	13490	13588	60	Marcellus
2	6/14/2018	13290	13459	60	Marcellus
3	6/14/2018	13090	13259	60	Marcellus
4	6/15/2018	12890	13059	60	Marcellus
5	6/15/2018	12690	12859	60	Marcellus
6	6/15/2018	12490	12659	60	Marcellus
7	6/15/2018	12290	12459	60	Marcellus
8	6/16/2018	12090	12259	60	Marcellus
9	6/16/2018	11890	12059	60	Marcellus
10	6/16/2018	11690	11859	60	Marcellus
11	6/16/2018	11490	11659	60	Marcellus
12	6/17/2018	11290	11459	60	Marcellus
13	6/17/2018	11090	11259	60	Marcellus
14	6/17/2018	10890	11059	60	Marcellus
15	6/17/2018	10690	10859	60	Marcellus
16	6/18/2018	10490	10659	60	Marcellus
17	6/18/2018	10291	10459	60	Marcellus
18	6/18/2018	10091	10259	60	Marcellus
19	6/18/2018	9891	10059	60	Marcellus
20	6/19/2018	9691	9859	60	Marcellus
21	6/19/2018	9491	9659	60	Marcellus
22	6/19/2018	9291	9459	60	Marcellus
23	6/19/2018	9091	9259	60	Marcellus
24	6/19/2018	8891	9059	60	Marcellus
25	6/20/2018	8691	8859	60	Marcellus
26	6/20/2018	8491	8659	60	Marcellus
27	6/20/2018	8291	8459	60	Marcellus
28	6/20/2018	8091	8260	60	Marcellus
29	6/20/2018	7891	8060	60	Marcellus
30	6/21/2018	7691	7860	60	Marcellus
31	6/21/2018	7491	7660	60	Marcellus
32	6/21/2018	7291	7460	60	Marcellus
33	6/21/2018	7091	7260	60	Marcellus
34	6/21/2018	6891	7060	60	Marcellus
35	6/22/2018	6691	6860	60	Marcellus



## 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	6/14/2018	47	6711	5530	4943.5	202920	8558	N/A
2	6/14/2018	71.4	6851	5508	4350	355420	10118	N/A
3	6/14/2018	76.2	7040	5533	3573	367180	8225	N/A
4	6/15/2018	77.8	6968	5238	4449	371890	8227	N/A
5	6/15/2018	77.6	6746	5470	4238	360360	8064	N/A
6	6/15/2018	77.4	6681	5848	3643	362130	8153	N/A
7	6/15/2018	79.2	6147	6147	3812	357210	8195	N/A
8	6/16/2018	79.7	6707	5202	4408	359010	8125	N/A
9	6/16/2018	77.8	6469	5017	4072	364140	8398	N/A
10	6/16/2018	75.6	6680	4999	4153	362470	8160	N/A
11	6/16/2018	78	6726	5137	3871	360700	8115	N/A
12	6/17/2018	77.7	6678	4809	3821	365710	7970	N/A
13	6/17/2018	77.7	6935	5411	3738	357180	8375	N/A
14	6/17/2018	78	6907	6374	4258	358270	8011	N/A
15	6/17/2018	77.8	6506	5763	4032	360120	7984	N/A
16	6/18/2018	77.8	6898	6439	3764	361880	9041	N/A
17	6/18/2018	78	6693	5803	3608	361330	8068	N/A
18	6/18/2018	77.5	6641	5136	3835	359390	7978	N/A
19	6/18/2018	73.4	7193	5908	4032	359540	9755	N/A
20	6/19/2018	78	6661	5069	3876	361770	7916	N/A
21	6/19/2018	77.4	6927	4666	4097	360390	7920	N/A
22	6/19/2018	78.8	6586	3778	4176	363280	8343	N/A
23	6/19/2018	75.8	6785	5561	4042	358780	9106	N/A
24	6/19/2018	73.2	6773	5023	3750	366750	8198	N/A
25	6/20/2018	69.2	6280	5439	8411	361170	7556	N/A
26	6/20/2018	78.3	5647	5647	4168	361570	8416	N/A
27	6/20/2018	76.5	6918	4826	4842	361790	11698	N/A
28	6/20/2018	74.6	6103	5638	4199	361340	8055	N/A
29	6/20/2018	77	6466	5698	5216	367700	8388	N/A
30	6/21/2018	75.1	6146	4573	4415	359040	8521	N/A
31	6/21/2018	78.5	5906	6357	5058	355200	8128	N/A
32	6/21/2018	79	6158	5586	4181	367340	8323	N/A
33	6/21/2018	79.1	6074	4506	4916	361420	8019	N/A
34	6/21/2018	78.2	5844	5369	4526	363560	8282	N/A
35	6/22/2018	80	5789	5332	4683	360230	8162	N/A
	AVG=	76.1	6,550	5,381	4,319	12,498,180	294,551	TOTAL

## EXHIBIT 3

LITHOLOGY/ FORMATION	TOP DEPTH (TVD)	BOTTOM DEPTH (TVD)	TOP DEPTH (MD)	BOTTOM DEPTH (MD)
	From Surface	From Surface	From Surface	From Surface
Shale w/intbd Sandstone and	0	N/A	0	N/A
Sandy shale and coal	260	N/A	260	N/A
Sandy shale	560	N/A	560	N/A
Calcareous shale	740	N/A	740	N/A
Limy shale with coal	880	N/A	880	N/A
Sandy shale	1,080	N/A	1,080	N/A
Sandy shale with coal	1,240	N/A	1,240	N/A
sandstone	1,380	N/A	1,380	N/A
Sandy shale	1,520	N/A	1,520	N/A
Shaly sandstone	1,600	N/A	1,600	N/A
Silty shale	1,680	N/A	1,680	N/A
Sandy shale	1,740	N/A	1,740	N/A
Sandy shale/coal	1,840	N/A	1,840	N/A
Big Lime	2,057	N/A	2,058	N/A
Big Injun	2,172	N/A	2,174	N/A
Gantz Sand	2,660	N/A	2,661	N/A
Fifty Foot Sandstone	2,938	N/A	2,940	N/A
Gordon	3,057	N/A	3,059	N/A
Fifth Sandstone	3,300	N/A	3,301	N/A
Bayard	3,460	N/A	3,462	N/A
Warren	3,683	N/A	3,685	N/A
Speechley	4,011	N/A	4,016	N/A
Balltown	4,335	N/A	4,343	N/A
Bradford	4,491	N/A	4,501	N/A
Benson	4,869	N/A	4,884	N/A
Alexander	5,294	N/A	5,313	N/A
Rhinestreet	5,839	N/A	5,864	N/A
Sycamore	6,188	N/A	6,251	N/A
Middlesex	6,286	N/A	6,388	N/A
Burkett	6,378	N/A	6,581	N/A
Tully	6,396	N/A	6,644	N/A
Marcellus	6,404	N/A	6,671	N/A

\*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:	6/14/2018
Job End Date:	6/25/2018
State:	West Virginia
County:	Tyler
API Number:	47-095-02390-00-00
Operator Name:	Antero Resources Corporation
Well Name and Number:	Hopper 3H
Latitude:	39.36301000
Longitude:	-80.96810400
Datum:	NAD27
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,467
Total Base Water Volume (gal):	12,647,301
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
Fresh Water	Operator	Base Fluid					
			Water	7732-18-5	100.00000	92.32283	Density = 8.330
Ingredients	Listed Above	Listed Above					
			Water	7732-18-5	100.00000	0.21037	





SP BREAKER	Halliburton	Breaker			Listed Below			
					Listed Below			
SAND- PREMIUM WHITE-30/50	Halliburton	Proppant			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	7.37598	
			Hydrochloric acid		7647-01-0	15.00000	0.02901	
			Hydrotreated light petroleum distillate		64742-47-8	30.00000	0.02048	
			Ethylene Glycol		107-21-1	60.00000	0.00899	
			Sodium persulfate		7775-27-1	100.00000	0.00752	
			Guar gum		9000-30-0	100.00000	0.00404	
			Poly(oxy-1,2-ethanediyl),.alpha.-tridecyl-.omega.-hydroxy-, branched		69011-36-5	5.00000	0.00341	
			Glutaraldehyde		111-30-8	30.00000	0.00287	
			Neutralized Polyacrylic Emulsion		Proprietary	10.00000	0.00150	
			Alcohols, C10-16, ethoxylated		68002-97-1	30.00000	0.00097	
			Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl chlorides		68424-85-1	5.00000	0.00048	
			Polyoxylated fatty amine salt		61791-26-2	5.00000	0.00016	
			Methanol		67-56-1	60.00000	0.00010	
			Ethanol		64-17-5	1.00000	0.00010	

				Ethoxylated alcohols	Proprietary	30.00000	0.00004	Denise Tuck, Halliburton, 3000 N. Sam Houston Pkwy E., Houston, TX 77032, 281-871-6226
				Reaction product of acetophenone, formaldehyde, thiourea and oleic acid in dimethyl formamide	68527-49-1	30.00000	0.00004	
				Fatty acids, tall oil	Proprietary	30.00000	0.00004	
				Olefins	Proprietary	5.00000	0.00002	
				Propargyl alcohol	107-19-7	10.00000	0.00001	
				Phosphoric acid	7664-38-2	0.10000	0.00001	
				Sodium sulfate	7757-82-6	0.10000	0.00001	

\* 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

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)

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: 47-095-02390 County: Tyler  
District: Meade Well No: Hopper Unit 3H  
Farm Name: David M. Hartley  
Discharge Date/s From:(MMDDYY) 08/19/18 To: (MMDDYY) 09/18/18  
Discharge Times. From: 0:00 To: 24:00  
Total Volume to be Disposed from this facility (gallons): 933,553  
Disposal Option(s) Utilized (write volumes in gallons):

- (1) Land Application: \_\_\_\_\_ (Include a topographical map of the Area.)  
(2) UIC: 674,304 Permit No. 3400923821, 3410523619, 3416729731, 3400923761, 3405320968, 3416729543, 3416729464, 3416729445, 3410523268, 4708509721, 3405923986, 3405924473, 3412123995  
(3) Offsite Disposal: \_\_\_\_\_ Site Location: \_\_\_\_\_  
(4) Reuse: 259,249 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

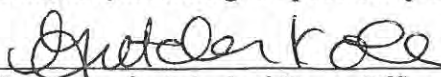
1. Do you have permission to use expedited treatment from the Director or his representative? (Y/N) n/a If yes, who? \_\_\_\_\_ and place a four (4) on line 7. If not go to line 2
2. Was Frac Fluid or flowback put into the pit? (Y/N) n/a If yes, go to line 5. If not, go to line 3.
3. Do you have a chloride 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 & Regulatory Manager

Date Completed: 2/13/19

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.



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

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/Bf
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: \_\_\_\_\_