

RECEIVED

MAR 28 2019

Division of Water Resources  
Jackson Field Office

Mr. Smith and Mr. Overstreet

I am submitting to you what I believe caused the leak on the fan box on my barn. I believe it was caused by heavy rains. We had over 3 1/2 to 4 months of rain leading up to the leak. As you can see in the daily water line inspection log and the weekly pit depth log the water usage report there was no water leaking in the barn and no outside water coming in to the barn. My belief is the leak was caused by the heavy rain. I believe the heavy rain caused the ground to soften up and settle. Letting the box drop on the outside edge causing the leak. As you can see and hear on the news we have had very heavy rain fall. Starting in Oct. up to Feb 25th, 2019 we had 38.16 in. of rain at the barn. We have had trees falling on power line and roads washing out in Carroll County. I think that is what caused the barn to leak. You can see the barn was not full by the pit depth log. It was at 87 in. at the time of the leak a full barn top of pump out is 96 in. but it did not run out of the pump put it was 8 in. below the top of pump out. This is my belief of what caused the leak. Tosh pumps out my barn buying the manure to put out on row crop ground. The rain starting in Oct. stopped all field work. It also stopped Tosh Farms from pumping out my barns letting the pit level get up to the 87 in. in depth. We are working with Tosh on turning the waste into gas. We are working with a company to start an anaerobic digester that would cut the amount of manure under a barn down to about 2 ft. all the time. I have already filled in around the fan boxes to stop future leaks. We had started hauling gravel in to fill in around the box when the rain started last October. I had to stop because of the mud. The truck and tractor could not run in the mud. I have in closed a plan to repair the washes I have changed up my plan from what I talked to Mr. Smith about because of the size of barn and the amount of rain fall we had. We are putting in two pipes with outlet control one at the back north east corner. One the west side and changed the flow of the water in front of the barn to slow it down building a berm around the barn to channel the water to these pipe and stop the heavy run off on slopes in these big rains. Reseeding the east side and work spot wash out areas and pray that we never have that much rain at one time again.

Thank you,

Jerry Burcham

## Description:

This plan is for 4.8 acres of a 4.8 acres site for the leveling and or repair of all washed areas around hog barns. The drainage .15 miles through woods to a UT of Guins Creek. When the work is finished the area will be and sown in grasses. The soil is expected to be sandy loam, which presents dissolved solid problems in the runoff. Fabric fencing and the groundcover will provide control of this problem.

First all silt fencing will be put into place, once control measures are in place the area will be stabilized.

The wash at the northeast and northwest corners a pipe will run in the bottom of the wash before being filled in with a small collection berm put into place with a 6-inch stand pipe for dewatering. The pipe will exit inside the silt fence into a graveled area to reduce water speed. All other washes on the west side will be filled and armored with rock. The wash at the southeast corner will be filled in and a swale will be cut and armored with rock to carry off water from the loadout pad. All other washes on the east side will be smoothed out. When all areas repaired the whole site will be reseeded with grass

The SWPPP and NOC will be located at the entrance to the worksite.

There are no other industrial discharges on site.

No chemicals or other waste materials will be stored on site.

There will be no onsite waste disposal or septic system

There is no off site material storage

All areas will be stabilized after dirt work has stopped temporarily or permanently for more than 14 days

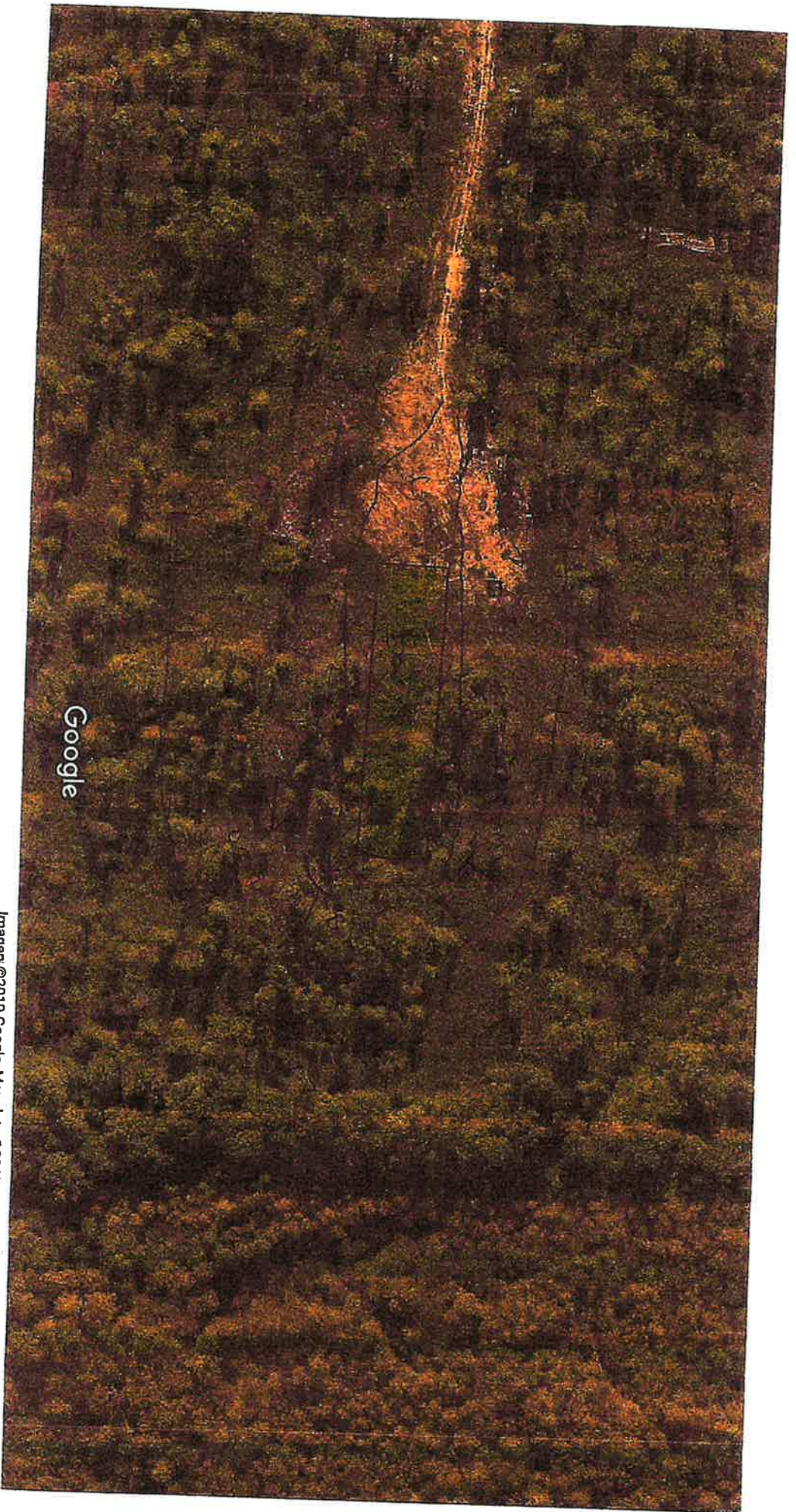
Preexisting vegetative ground cover will not be disturbed more than 14 days prior to earth disturbance.

Endangered species should not be affected due to the fact that there will be no work close to a stream and no runoff should reach a stream

SWPPP is designed for a 2 year 24 hour storm event.

## Runoff Problems:

North



Google

Imagery ©2019 Google, Map data ©2019 Google 100 ft

+++++  
Silt Fence

Water Flow  
↓

||  
Pipe with  
Outlet  
Control

## Weekly Inspection Log

Farm: Burham 2 Year: 2018

Date	Lagoon Depth	Comments	Initials
Week 1	48"		JWB
Week 2	49"		JWB
Week 3	54"		JWB
Week 4	58"		JWB
Week 5	58"		JWB
Week 6	59"		JWB
Week 7	60"		JWB
Week 8	60"		JWB
Week 9	61"		JWB
Week 10	61"		JWB
Week 11	62"		JWB
Week 12	62"		JWB
Week 13	63"		JWB
Week 14	64"		JWB
Week 15	65"		JWB
Week 16	23"		JWB
Week 17	24"		JWB
Week 18	25"		JWB
Week 19	26"		JWB
Week 20	27"		JWB
Week 21	28"		JWB
Week 22	29"		JWB
Week 23	30"		JWB
Week 24	31"		JWB
Week 25	32"		JWB
Week 26	33"		JWB
Week 27	34"		JWB
Week 28	35"		JWB
Week 29	36"		JWB
Week 30	37"		JWB
Week 31	38"		JWB
Week 32	39"		JWB
Week 33	40"		JWB
Week 34	41"		JWB
Week 35	42"		JWB
Week 36	43"		JWB

# Weekly Inspection Log

Farm: Burham Year: 2018

Date	Lagoon Depth	Comments	Initials
Week 37	44"		JWB
Week 38	45"		JWB
Week 39	46"		JWB
Week 40	47"		JWB
Week 41	48"		JWB
Week 42	49"		JWB
Week 43	50"		JWB
Week 44	51"		JWB
Week 45	52"		JWB
Week 46	tilt + 54" 68"	checked in pit net	JWB
Week 47	72"		JWB
Week 48	73"		JWB
Week 49	74"		JWB
Week 50	75"		JWB
Week 51	77"		JWB
Week 52	78"		JWB

Weekly Inspection Log

Farm

Year

Date	Lagoon/Pit Depth	Comment	Inspector's Initials
2-Jan	79		JWB
9-Jan	79		JWB
16-Jan	80		JWB
23-Jan	80		JWB
30-Jan	80		JWB
6-Feb	82		JWB
13-Feb	84		JWB
20-Feb	86"		JWB
27-Feb	87"	pumped out spill run out	JWB
6-Mar	60"	Pit Fans	JWB
13-Mar	62"		JWB
20-Mar	63"		JWB
27-Mar			
3-Apr			
10-Apr			
17-Apr			
24-Apr			
1-May			
8-May			
15-May			
22-May			
29-May			
5-Jun			
12-Jun			
19-Jun			
26-Jun			
3-Jul			
10-Jul			
17-Jul			
24-Jul			
31-Jul			
7-Aug			
14-Aug			
21-Aug			
28-Aug			
4-Sep			
11-Sep			
18-Sep			
25-Sep			
2-Oct			
9-Oct			
16-Oct			
23-Oct			
30-Oct			











## Daily Rainfall Record

Farm: \_\_\_\_\_

Year: \_\_\_\_\_

Date	Rainfall	Date	Rainfall	Date	Rainfall
January 1	1.00	February 1	0	March 1	.250
January 2	0	February 2	0	March 2	trace
January 3	.500	February 3	0	March 3	0
January 4	.500	February 4	.6562	March 4	.250
January 5	.250	February 5	.250	March 5	0
January 6	0	February 6	.062	March 6	0
January 7	0	February 7	.750	March 7	0
January 8	.000	February 8	1.000	March 8	.125
January 9	0	February 9	0	March 9	.750
January 10	0	February 10	.250	March 10	.750
January 11	0	February 11	1.500	March 11	0
January 12	1.405	February 12	2.500	March 12	0
January 13	.500	February 13	1.75	March 13	0
January 14	trace	February 14	0	March 14	1.250
January 15	0	February 15	0	March 15	0
January 16	0	February 16	.250	March 16	0
January 17	.500	February 17	.250	March 17	0
January 18	.250	February 18	0.125	March 18	0
January 19	.750	February 19	0	March 19	0
January 20	2" snow	February 20	1.500	March 20	0
January 21	0	February 21	.750	March 21	
January 22	0	February 22	1.500	March 22	
January 23	1.00	February 23	1.500	March 23	
January 24	1.00	February 24	1.750	March 24	
January 25	3.00	February 25	0	March 25	
January 26	0	February 26	0	March 26	
January 27	0	February 27	0	March 27	
January 28	0	February 28	0	March 28	
January 29	.250	February 29		March 29	
January 30	5.00			March 30	
January 31	0			March 31	

~~6.56~~  
6.56

15.80

Oct. 2"

Nov. 7.18

Dec. 6.62

Jan 6.56

Feb. 25. 15.80

up to Feb 25th rain - 38.16

## Daily Rainfall Record

Farm: \_\_\_\_\_ Year: \_\_\_\_\_

Date	Rainfall	Date	Rainfall	Date	Rainfall
October 1	0	November 1	.750	December 1	1.125
October 2	0	November 2	1.500	December 2	0
October 3	.250	November 3	.60	December 3	0
October 4	0	November 4	trace	December 4	0
October 5	0	November 5	.500	December 5	0
October 6	0	November 6	2"	December 6	0
October 7	0	November 7	.125	December 7	0
October 8	0	November 8	0	December 8	trace
October 9	0	November 9	.062	December 9	.500
October 10	.062	November 10	.25	December 10	0
October 11	0	November 11	0	December 11	0
October 12	0	November 12	0	December 12	0
October 13	0	November 13	.500	December 13	0
October 14	0	November 14	0	December 14	.500
October 15	0	November 15	2" snow	December 15	1.125
October 16	0	November 16	0	December 16	0
October 17	0	November 17	0	December 17	0
October 18	0	November 18	0	December 18	0
October 19	0	November 19	.500	December 19	0
October 20	1.00	November 20	0	December 20	0.500
October 21	0	November 21	0	December 21	.250
October 22	0	November 22	0	December 22	0
October 23	0	November 23	0	December 23	.125
October 24	0	November 24	.375	December 24	0
October 25	0	November 25	0	December 25	0
October 26	.500	November 26	.125	December 26	0
October 27	.250	November 27	0	December 27	0
October 28	0	November 28	0	December 28	.750
October 29	0	November 29	0	December 29	0
October 30	0	November 30	.125	December 30	0
October 31	0		7.18"	December 31	1.750

1-1-19 1.000 2"  
 1-2-19 0  
 1-3-19 .500  
 1-4-19 .500  
 1-5-19 .9250  
 1-6-19 0

1-8-19 .062  
 1-9-19 0  
 1-10-19 0  
 1-11-19 0  
 1-12-19 6.125  
 1-13-19 .500  
 1-14-19 trace  
 1-15-19 0

1-17-19 .500  
 1-18-19 .250  
 1-19-19 .750  
 1-20-19 1.5  
 1-21-19 0

6.625"

2019

### Daily Water Line Inspection Log

Use this form to keep track of your daily water line visual inspections

Initial the form after each day's inspection

\* Record the location of any water leaks

January			February			March		
Day	Initials	*	Day	Initials	*	Day	Initials	*
1	DA		1	DA		1	DA	
2	DA		2	DA		2	DA	
3	DA		3	DA		3	DA	
4	DA		4	DA		4	DA	
5	DA		5	DA		5	DA	
6	DA		6	DA		6	DA	
7	DA		7	DA		7	DA	
8	DA		8	DA		8	DA	
9	DA		9	DA		9	DA	
10	DA		10	DA		10	DA	
11	DA		11	DA		11	DA	
12	DA		12	DA		12	DA	
13	DA		13	DA		13	DA	
14	DA		14	DA		14	DA	
15	DA		15	DA		15	DA	
16	DA		16	DA		16	DA	
17	DA		17	DA		17	DA	
18	DA		18	DA		18	DA	
19	DA		19	DA		19	DA	
20	DA		20	DA		20	DA	
21	DA		21	DA		21	DA	
22	DA		22	DA		22		
23	DA		23	DA		23		
24	DA		24	DA		24		
25	DA		25	DA		25		
26	DA		26	DA		26		
27	DA		27	DA		27		
28	DA		28	DA		28		
29	DA		29			29		
30	DA					30		
31	DA					31		

2018

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October			November			December		
Day	Initials	*	Day	Initials	*	Day	Initials	*
1	DA		1	DA		1	DA	
2	DA		2	DA		2	DA	
3	DA		3	DA		3	DA	
4	DA		4	DA		4	DA	
5	DA		5	DA		5	DA	
6	DA		6	JWB		6	DA	
7	DA		7	JWB		7	DA	
8	DA		8	JWB		8	DA	
9	DA		9	DA		9	DA	
10	DA		10	DA		10	DA	
11	DA		11	DA		11	DA	
12	DA		12	DA		12	DA	
13	DA		13	DA		13	DA	
14	DA		14	DA		14	DA	
15	DA		15	DA		15	DA	
16	DA		16	DA		16	DA	
17	DA		17	DA		17	DA	
18	DA		18	DA		18	DA	
19	DA		19	DA		19	DA	
20	DA		20	DA		20	DA	
21	DA		21	DA		21	DA	
22	DA		22	DA		22	DA	
23	DA		23	DA		23	DA	
24	DA		24	DA		24	DA	
25	DA		25	DA		25	DA	
26	DA		26	DA		26	DA	
27	DA		27	DA		27	DA	
28	DA		28	DA		28	DA	
29	DA		29	DA		29	DA	
30	DA		30	DA		30	DA	
31	DA					31	DA	

1-1-18 DA  
 1-2-18 DA  
 1-3-18 DA  
 1-4-18 DA  
 = 13 DA  
 1-6-18 DA  
 1-7-18 DA  
 1-8-18 DA  
 1-9-18 DA  
 1-11-18 DA  
 1-12-18 DA  
 1-13-18 DA  
 1-14-18 DA  
 1-15-18 DA  
 1-17-18 DA  
 1-18-18 DA  
 1-19-18 DA  
 1-20-18 DA  
 1-21-18 DA

2018.

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 Initial the form after each day's inspection  
 \* Record the location of any water leaks

July			August			September		
Day	Initials	*	Day	Initials	*	Day	Initials	*
1	DA		1	DA		1	DA	
2	DA		2	DA		2	DA	
3	DA		3	DA		3	DA	
4	DA		4	DA		4	DA	
5	DA		5	DA		5	DA	
6	DA		6	DA		6	DA	
7	DA		7	DA		7	DA	
8	DA		8	DA		8	DA	
9	DA		9	DA		9	DA	
10	DA		10	DA		10	DA	
11	DA		11	DA		11	DA	
12	DA		12	DA		12	DA	
13	DA		13	DA		13	DA	
14	DA		14	DA		14	DA	
15	DA		15	DA		15	DA	
16	JWB		16	DA		16	DA	
17	JWB		17	DA		17	DA	
18	JWB		18	DA		18	DA	
19	JWB		19	DA		19	DA	
20	DA		20	DA		20	DA	
21	DA		21	DA		21	DA	
22	DA		22	DA		22	DA	
23	DA		23	DA		23	DA	
24	DA		24	DA		24	DA	
25	DA		25	DA		25	DA	
26	DA		26	DA		26	DA	
27	DA		27	DA		27	DA	
28	DA		28	DA		28	DA	
29	DA		29	DA		29	DA	
30	DA		30	DA		30	DA	
31	DA		31	DA				

2018

## Daily Water Line Inspection Log

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\* Record the location of any water leaks

April			May			June		
Day	Initials	*	Day	Initials	*	Day	Initials	*
1	DA		1	DA		1	DA	
2	DA		2	DA		2	DA	
3	DA		3	DA		3	DA	
4	DA		4	DA		4	DA	
5	DA		5	DA		5	DA	
6	DA		6	DA		6	DA	
7	DA		7	DA		7	TWP	
8	DA		8	DA		8	DA	
9	DA		9	DA		9	DA	
10	DA		10	DA		10	DA	
11	DA		11	DA		11	DA	
12	DA		12	DA		12	DA	
13	DA		13	DA		13	DA	
14	DA		14	DA		14	DA	
15	DA		15	DA		15	DA	
16	DA		16	DA		16	DA	
17	DA		17	DA		17	DA	
18	DA		18	DA		18	DA	
19	DA		19	DA		19	DA	
20	DA		20	DA		20	DA	
21	DA		21	DA		21	DA	
22	DA		22	DA		22	DA	
23	DA		23	DA		23	DA	
24	DA		24	DA		24	DA	
25	DA		25	DA		25	DA	
26	DA		26	DA		26	DA	
27	DA		27	DA		27	DA	
28	DA		28	DA		28	DA	
29	DA		29	DA		29	DA	
30	DA		30	DA		30	DA	
			31	DA				



2018

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Use this form to keep track of your daily water line visual inspections

Initial the form after each day's inspection

\* Record the location of any water leaks

January			February			March		
Day	Initials	*	Day	Initials	*	Day	Initials	*
1	DA		1	DA		1	DA	
2	DA		2	DA		2	DA	
3	DA		3	DA		3	DA	
4	DA		4	DA		4	DA	
5	DA		5	DA		5	DA	
6	DA		6	DA		6	DA	
7	DA		7	DA		7	DA	
8	DA		8	DA		8	DA	
9	DA		9	DA		9	DA	
10	DA		10	DA		10	DA	
11	DA		11	DA		11	TWB	
12	DA		12	DA		12	TWB	
13	DA		13	DA		13	DA	
14	DA		14	DA		14	DA	
15	DA		15	DA		15	DA	
16	DA		16	DA		16	DA	
17	DA		17	DA		17	DA	
18	DA		18	DA		18	DA	
19	DA		19	DA		19	DA	
20	DA		20	DA		20	DA	
21	DA		21	DA		21	DA	
22	DA		22	DA		22	DA	
23	DA		23	DA		23	DA	
24	DA		24	DA		24	DA	
25	DA		25	DA		25	DA	
26	DA		26	DA		26	TWB	
27	DA		27	DA		27	TWB	
28	DA		28	DA		28	TWB	
29	DA		29			29	DA	
30	DA					30	DA	
31	DA					31	DA	