

## Coal Energy Group 2

6602 Ilex Circle  
Naples, Florida 34109

March 27, 2019

Steve Christensen  
Coal Program Manager  
Oil, Gas & Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, UT 84114-5801

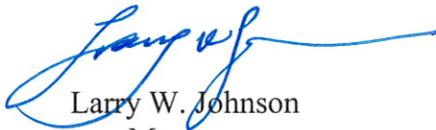
Re: **Annual Report, Wildcat Load Out, Coal Energy Group 2, LLC, Permit No. C/007/0033**

Dear Mr. Christensen:

Coal Energy Group 2, LLC is providing the 2018 Coal Mining Annual Report for the Wildcat Load Out Facility. The completed report and attachments have been electronically submitted by uploading to the Divisions e-Permitting site.

Please contact me should you have any questions 435-691-2983.

Very truly yours,



Larry W. Johnson  
Manager

# 2018 ANNUAL REPORT

Submit the completed document and any additional information identified to the Division by March 31, 2019.

## GENERAL INFORMATION

Company Name	Coal Energy Group 2, LLC	Mine Name	Wildcat Loadout
Permit Number	C/007/0033	Permit Expiration Date	May 5, 2019
Operator Name	Coal Energy Group 2, LLC	Phone Number	+1 (329) 825-2332
Mailing Address	6602 Ilex Circle	Email	ceg2.3llc@gmail.com
City	Naples		
State	FL	Zip Code	34109

## DOGM File Location or Annual Report Location

Excess Spoil Piles	<input type="checkbox"/> Required <input checked="" type="checkbox"/> Not Required	
Refuse Piles	<input checked="" type="checkbox"/> Required <input type="checkbox"/> Not Required	See Attached
Impoundments	<input checked="" type="checkbox"/> Required <input type="checkbox"/> Not Required	See Attached
Other:		

## OPERATOR COMMENTS

N/A

## REVIEWER COMMENTS

Met Requirements  Did Not Meet Requirements

# COMMITMENTS AND CONDITIONS

The Permittee is responsible for ensuring annual technical commitments in the Mining and Reclamation Plan and conditions accepted with the permit are completed throughout the year. The Division has identified these commitments below and has provided space for you to report what you have done during the past year for each commitment. If additional written response is required, it should be filed as an attachment to this report.

**Title: COAL FINE ACCUMULATION MONITORING**

**Objective:** To minimize coal fine accumulations on undisturbed ground within the disturbed area boundary. This area did not have topsoil salvaged, but was vacuumed, disced, mulched and seeded in September 2010. Please provide the depth of the new accumulation if present. Please provide the photo locations on a map. Additionally, please create a grid system on a plan view map of the fines recovery area and report the percentage of area covered by fines in each area and the depth of the fines, similar to Figure 1 / Plate 1 in Appendix "P" of the MRP which plotted coal fines depth prior to fines recovery.

**Frequency:** Quarterly

**Status:** Ongoing

**Reports:** Monitoring protocol, location of observations, digital photographs and results to be filed with the Annual Report.

**Citation:** Appendix P, Item 7

**OPERATOR COMMENTS**

See attached Annual Coal Fines Report

**REVIEWER COMMENTS**

Met Requirements

Did Not Meet Requirements

# FUTURE COMMITMENTS AND CONDITIONS

The following commitments are not required for the current annual report year, but will be required by the permittee in the future as indicated by the "status" field. These commitments are included for information only, and do not currently require action. If you feel that the commitment is no longer relevant or needs to be revised, please contact the Division.

## **Title: PROTECTION OF TOPSOIL**

**Objective:** To protect topsoil

**Frequency:** Prior to construction of Pond G

**Status:** Future commitment (Prior to construction of Pond G).

**Reports:** Monitor soil salvage from the "mechanical clean-up area" east of PR 5. Provide an as-built showing dimensions and volume contained in Topsoil Pile A.

**Citation:** MRP, Section R645-301-212, and Appendix P, Item 2, Item 4 and Figure 2

## **Title: GRAVEL A PORTION OF ACCESS ROAD PR-5**

**Objective:** To minimize coal fine accumulations on in-situ topsoil east of PR 5.

**Frequency:** Before PR 5 is used for semi truck access to the coal storage pad

**Status:** At such time as the construction of Pond G becomes necessary.

**Reports:** None

**Citation:** Appendix P, Item 6

# REPORTING OF OTHER TECHNICAL DATA

Please list other technical data or information that was not included in the form above, but is required under the approved plan, which must be periodically submitted to the Division.

Please list attachments:

N/A

**REVIEWER COMMENTS**

Met Requirements

Did Not Meet Requirements

# MAPS

Copies of mine maps, current and up-to-date, are to be provided to the Division as an attachment to this report in accordance with the requirements of R645-301-525.240. The map copies shall be made in accordance with 30 CFR 75.1200 as required by MSHA. Mine maps are not considered confidential.

Map Name	Map Number	Included		Confidential	
		Yes	No	Yes	No
N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

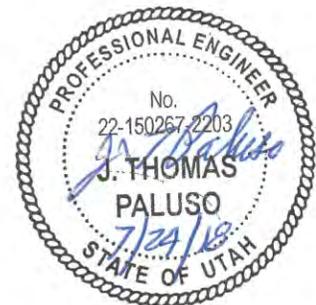
**REVIEWER COMMENTS**     Met Requirements                       Did Not Meet Requirements

**WILDCAT COAL FINES ISSUE  
DIVISION ORDER-04 (WIND BLOWN FINES)  
SECOND QUARTER 2017**

**July 2018**

**Prepared for:**

**WILD WEST EQUIPMENT & HAULING, LLC**



**Prepared by:**

**J. T. Paluso, P.E.  
EIS ENVIRONMENTAL & ENGINEERING CONSULTING  
31 NORTH MAIN  
HELPER, UTAH**

## **INTRODUCTION**

The purpose of this report is to provide yearly information on coal fines accumulation at the Wildcat Loadout as described in Appendix P, Response to Division Order DO-04 (Wind Blown Fines), Page 7, “Conduct future monitoring of wind-blown fines”. The coal fines monitoring procedure was revised as per DOGM’s meeting at Wildcat conducted on January 23, 2014. The quarterly monitoring was also changed by DOGM in 2016 to require only yearly monitoring during the second quarter of the year.

## **PROCEDURE**

New monitoring points were installed during the first quarter of 2014. The new procedure was described in a memo sent to Pete Hess (DOGM) dated March 13, 2014. This new procedure described the method to be used for future coal fines and vegetation monitoring at the Wildcat Loadout. The approved procedure required the installation of new monitoring points within the permit boundary and also outside of the permit boundary. Monitoring of vegetation growth will now be conducted only during the second quarter of each year.

There are now 21 sampling points on the northern area and 16 sampling points on the southern area. Figure 1 shows the sampling points and Figure 2 shows the areas that are of concern. Each point was located with a GPS. Refer to Appendix 1 for the GPS coordinate location of each point.

The depth of coal fines were measured at the stake. These measurements can be found on the Ground Cover Information Spreadsheet in Appendix 2. The average coal depth for the Northern and Southern Area were calculated and is also shown on this sheet. At some sampling points, wind and water transports coal and soil fines to and from various monitoring points. The observed material at the surface (coal or soil) is what is recorded at each stake.

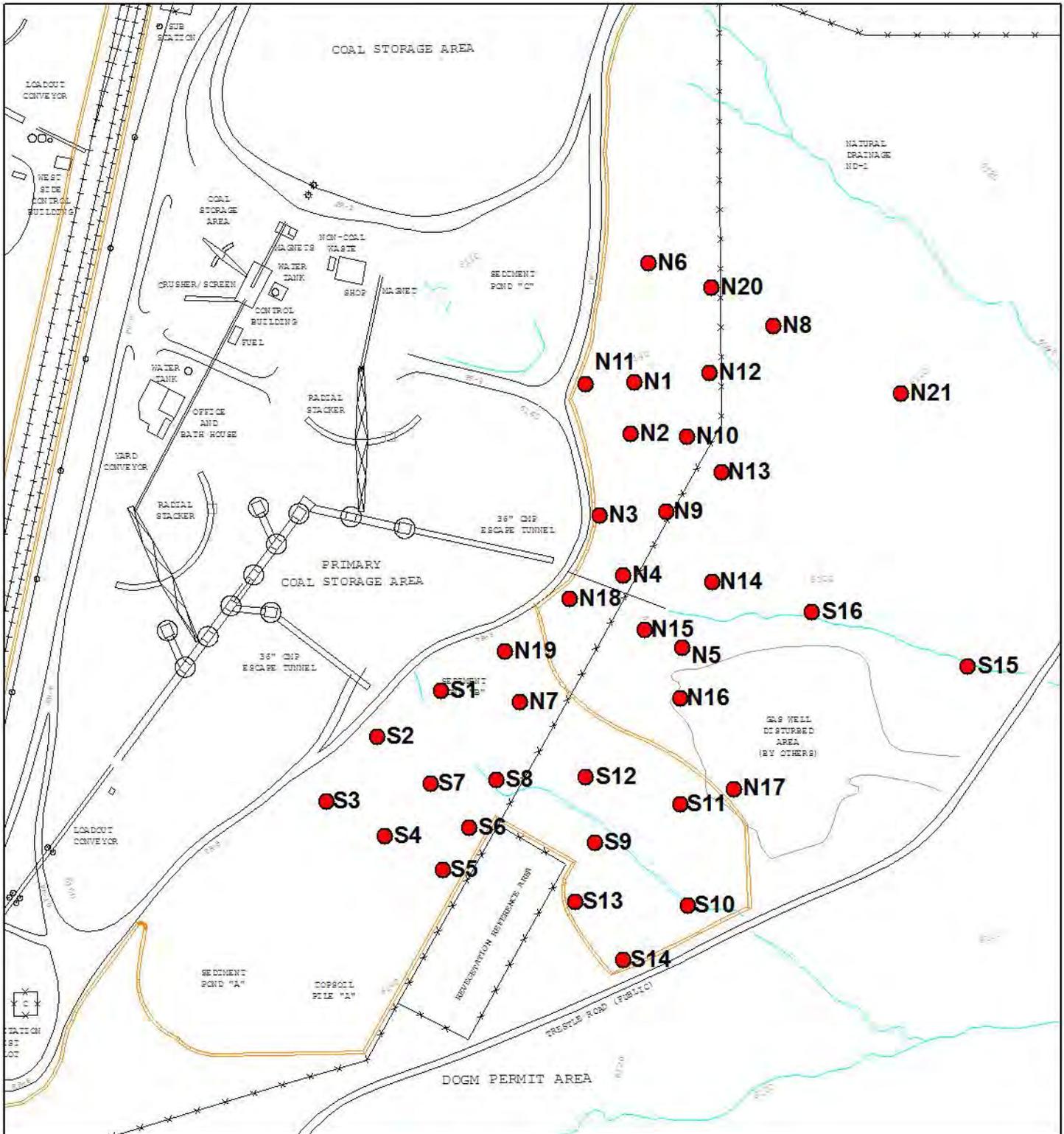
## **CONCLUSION**

The coal fines and vegetation measurements were taken on April 16, 2018. The results of the measurements indicated that the coal fines cover on the Northern Area has dropped by 0.03 inches. The coal fines average in 2017 was 0.17 inches compared to 0.14 inches in 2018. The Southern area remained constant at 0.19 inches. Only one train has been loaded since January 1, 2015, at the Wildcat Loadout. This lack of train loading and the wind and precipitation events have caused the coal ground cover at each stake to decrease.

The two areas had a slight increase of vegetative cover compared to the second quarter of 2017. The Northern Area went from 21.81% to 38.23%. The Southern Area also had a slight increase from 17.60% to 20.59%. Unfortunately the majority of the plant growth is still of the weed variety, mainly Russian thistle (Tumble Weed). There are still large areas that vegetation has not started growing. Please refer to the attached photographs.

The coal fines coverage in the Northern Area has decrease compared to the second quarter of 2017. The Northern Area went from 9.43% to 4.07%. The Southern Area also decreased from 6.23% to .81%. This decrease would be attributed to the lack of loading coal at this facility.

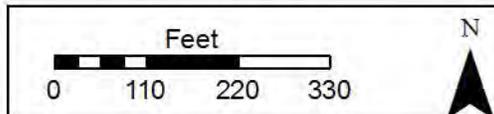
# WILDCAT LOADOUT



● Random Photograph Sites

**Environmental Industrial Services**  
 Environmental & Engineering Consulting

31 North Main Street  
 Helper, Utah 81526  
 Office: (435) 472-3614  
 Fax: (435) 472-8780  
 EHSec@preciscom.net  
 www.EISec.com



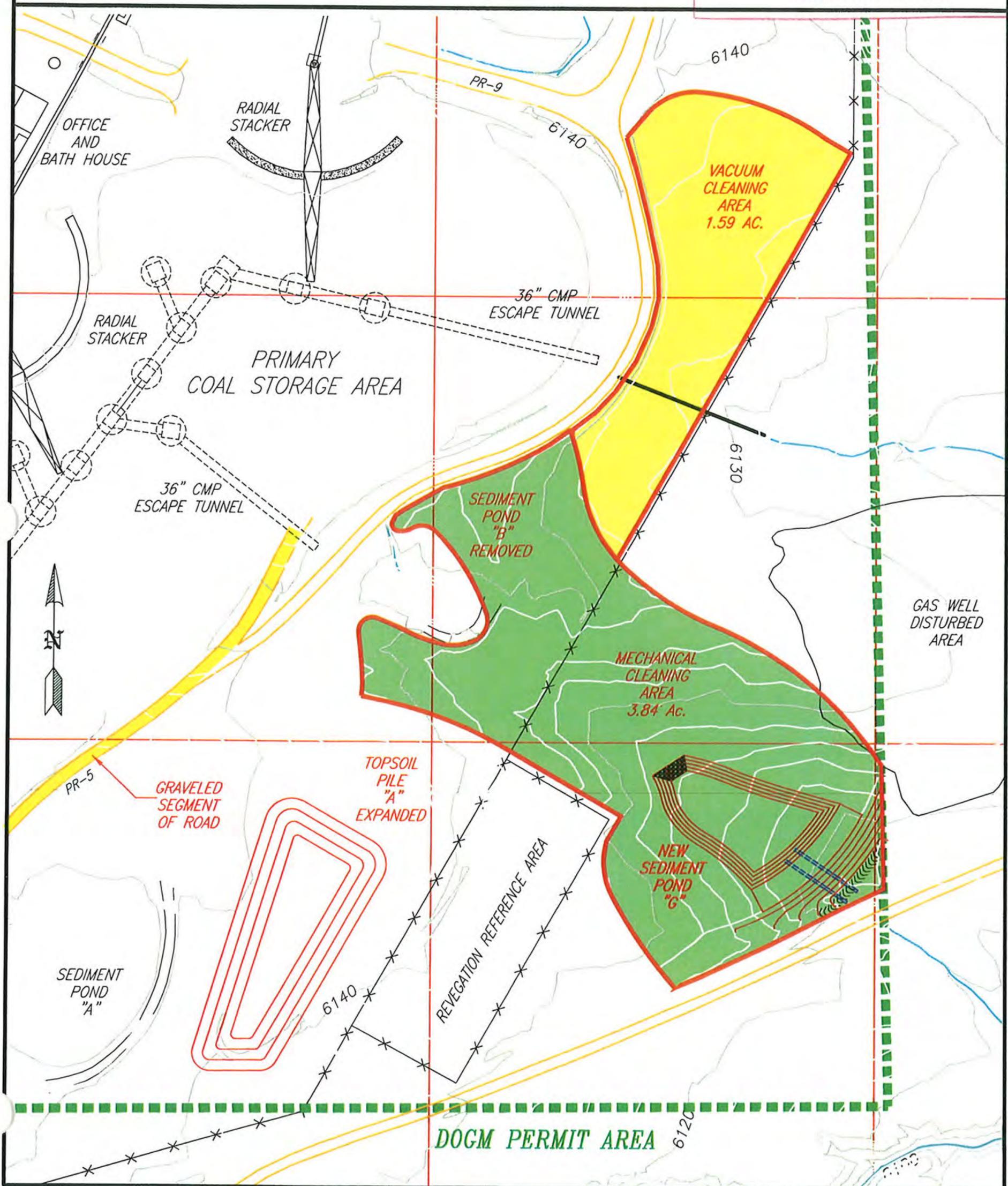
**FIGURE 1**

INCORPORATED  
EFFECTIVE:

OCT 18 2010

UTAH DIVISION OIL, GAS AND MINING  
PRICE FIELD OFFICE

WILDCAT LOADOUT  
COAL FINES CLEAN-UP AREA  
RESPONSE TO D0-04  
FIGURE 2



**APPENDIX 1**  
**GPS COORDINATE LOCATION**

**Wildcat Loadout**  
**Random Photograph Site Coordinates**  
All Coordinates in NAD 83

<b>Name</b>	<b>Northing</b>	<b>Easting</b>
N1	4388883.298	507251.984
N2	4388857.593	507250.164
N3	4388817.239	507234.904
N4	4388787.278	507246.718
N5	4388751.355	507276.069
N6	4388942.709	507259.085
N7	4388724.731	507187.675
N8	4388911.456	507321.233
N9	4388817.19	507263.082
N10	4388856.487	507278.12
N11	4388882.392	507227.824
N12	4388887.813	507289.428
N13	4388600.376	507323.119
N14	4388580.381	507311.915
N15	4388560.83	507300.496
N16	4388540.265	507287.518
N17	4388877.752	507384.593
N18	4388775.637	507220.054
N19	4388749.681	507187.688
N20	4388930.365	507290.383
N21	4388877.752	507384.593
S1	4388730.197	507148.488
S2	4388707.485	507124.338
S3	4388675.136	507091.473
S4	4388657.906	507120.464
S5	4388641.241	507149.536
S6	4388662.058	507162.426
S7	4388684.104	507143.486
S8	4388686.032	507175.9
S9	4388654.465	507224.755
S10	4388623.652	507270.843
S11	4388673.547	507267.177
S12	4388687.237	507220.312
S13	4388625.264	507215.195
S14	4388596.345	507239.016
S15	4388742.365	507417.549
S16	4388769.154	507340.304

**APPENDIX 2**

**GROUND COVER INFORMATION SPREADSHEET & FIELD WORK SHEETS**

GROUND COVER INFORMATION SPREADSHEET								
2nd QUARTER 2018								
LOCATION	VEGETATION SQUARES	VEGETATION (COVER %)	SOIL SQUARES	SOIL (COVER %)	COAL FINES SQUARES	COAL FINES (COVER %)	COAL FINES (IN) AT STAKE	COMMENTS
N1	163	72.44	62	27.56	0	0.00	0.00	
N2	96.76	43.00	128.25	57.00	0	0.00	0.00	
N3	40.5	18.00	184.5	82.00	0	0.00	0.00	
N4	116	51.56	109	48.44	0	0.00	0.00	
N5	113.5	50.44	111.5	49.56	0	0.00	0.00	*Trace amounts are recorded as 0.00 depth
N6	88	39.11	15	6.67	122	54.22	2.00	
N7	17.25	7.67	137.5	61.11	70.25	31.22	1.00	
N8	117.25	52.11	107.75	47.89	0	0.00	0.00	
N9	25.75	11.44	199.25	88.56	0	0.00	0.00	
N10	52.75	23.44	172.25	76.56	0	0.00	0.00	
N11	117.75	52.33	107.25	47.67	0	0.00	0.00	
N12	18	8.00	207	92.00	0	0.00	0.00	
N13	21.5	9.56	203.5	90.44	0	0.00	0.00	*Trace amounts are recorded as 0.00 depth
N14	149.75	66.56	75.25	33.44	0	0.00	0.00	*Trace amounts are recorded as 0.00 depth
N15	148.25	65.89	76.75	34.11	0	0.00	0.00	*Trace amounts are recorded as 0.00 depth
N16	12.75	5.67	212.25	94.33	0	0.00	0.00	
N17	108	48.00	117	52.00	0	0.00	0.00	
N18	82	36.44	143	63.56	0	0.00	0.00	
N19	76.75	34.11	148.25	65.89	0	0.00	0.00	*Trace amounts are recorded as 0.00 depth
N20	225	100.00	0	0.00	0	0.00	0.00	
N21	16	7.11	209	92.89	0	0.00	0.00	
<b>AVERAGE</b>		<b>38.23</b>		<b>57.70</b>		<b>4.07</b>	<b>0.14</b>	
S1	0	0.00	225	100.00	0	0.00	3.00	
S2	36.5	16.22	188.5	83.78	0	0.00	0.00	*Trace amounts are recorded as 0.00 depth
S3	39.25	17.44	185.75	82.56	0	0.00	0.00	
S4	22.75	10.11	202.25	89.89	0	0.00	0.00	
S5	88	39.11	137	60.89	0	0.00	0.00	
S6	45.25	20.11	179.75	79.89	0	0.00	0.00	
S7	65	28.89	160	71.11	0	0.00	0.00	
S8	95.75	42.56	129.25	57.44	0	0.00	0.00	*Trace amounts are recorded as 0.00 depth
S9	76.5	34.00	148.5	66.00	0	0.00	0.00	*Trace amounts are recorded as 0.00 depth
S10	69	30.67	127	56.44	29	12.89	0.00	
S11	31	13.78	194	86.22	0	0.00	0.00	
S12	13.25	5.89	211.75	94.11	0	0.00	0.00	
S13	25	11.11	200	88.89	0	0.00	0.00	
S14	35.25	15.67	189.75	84.33	0	0.00	0.00	
S15	15.75	7.00	209.25	93.00	0	0.00	0.00	
S16	83	36.89	142	63.11	0	0.00	0.00	
<b>AVERAGE</b>		<b>20.59</b>		<b>78.60</b>		<b>0.81</b>	<b>0.19</b>	











































































**APPENDIX 3**  
**PHOTOGRAPHS**



N1



N2



N3



N4



N5



N6



N7



N8



N9



N10



N11



N12



N13



N14



N15



N16



N17



N18



N19



N20



N21



S1



S2



S3



S4



S5



S6



S7



S8



S9



S10



S11



S12



S13



S14



S15



S16



LOOKING WEST FROM N20



LOOKING EAST FROM N20



LOOKING NORTH FROM N7



LOOKING NORTH FROM N14



LOOKING EAST FROM N14

### Sedimentation Pond Inspection

Date: February 9, 2018

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: DEPRESSED AREA IMPONDMENT

A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)  
Water \_\_\_\_\_  
Sediment DRY

C. Evidence of Animal Burrows  Yes  No

D. Vegetative Cover  Yes  No

Root Penetration  Yes  No

E. Spillway Condition NA  Good  Fair  Poor  Needs Work

F. Decant NA  Good  Fair  Poor  Needs Work

G. Freeboard NA  Good  Fair  Poor  Needs Work

**Comments/Field Information:**

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**Inspected By**

Name: J. J. Parkes 3/23/18



INCISED POND

# Sedimentation Pond Inspection

Date: February 9, 2018

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: PERMANENT IMPOUNDMENT

A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)  
Water  
Sediment

DRY (BOTH CELLS)

C. Evidence of Animal Burrows  Yes  No

D. Vegetative Cover  Yes  No

Root Penetration  Yes  No

E. Spillway Condition  Good  Fair  Poor  Needs Work

F. Decant  Good  Fair  Poor  Needs Work

G. Freeboard  Good  Fair  Poor  Needs Work

**Comments/Field Information:**

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**Inspected By**

Name: J. J. Palusa 3/23/18



PERMANENT IMPOUNDMENT UPPER CELL



LOWER CELL

# Sedimentation Pond Inspection

Date: February 9, 2018

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: "A"

A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)

Water

Sediment

DRY

32" BELOW CLEANOUT

C. Evidence of Animal Burrows

Yes  No

D. Vegetative Cover

Yes  No

Root Penetration

Yes  No

E. Spillway Condition

Good  Fair  Poor  Needs Work

F. Decant

Good  Fair  Poor  Needs Work

G. Freeboard

Good  Fair  Poor  Needs Work

Comments/Field Information:

WEEDS BY OUTLET OF WEST POND INLET. BANK EROSION  
ABOVE WEEDS IN PREVIOUS PHOTOGRAPH

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Inspected By

Name: J. Palmer 3/23/18



SEDIMENT POND A



WEEDS BY OUTLET OF WEST POND INLET



BANK ERROSION ABOVE WEEDS IS PREVIOUS PHOTOGRAPH

### Sedimentation Pond Inspection

Date: February 9, 2018

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: "B"

A. Bank Stability

Incised  3/4  
Embankment  1/4

B. Capacity (0% / 100%)  
Water  
Sediment

DRY  
22" BELOW CLEANOUT

C. Evidence of Animal Burrows  Yes  No

D. Vegetative Cover  Yes  No  
Root Penetration  Yes  No

E. Spillway Condition  Good  Fair  Poor  Needs Work

F. Decant  Good  Fair  Poor  Needs Work

G. Freeboard  Good  Fair  Poor  Needs Work

**Comments/Field Information:**

PRINCIPLE & EMERGENCY SPILLWAYS NEED TO HAVE WEEDS  
REMOVED.

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Inspected By  
Name: J J Pakko 3/23/18



SEDIMENT POND B



WEEDS BY INLET OF PRINCIPLE SPILLWAY



WEEDS IN EMERGENCY SPILLWAY

# Sedimentation Pond Inspection

Date: February 9, 2018

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: "C"

A. Bank Stability

Incised   
Embankment

B. Capacity (0% / 100%)  
Water \_\_\_\_\_  
Sediment 34" BELOW CLEANOUT

C. Evidence of Animal Burrows  Yes  No

D. Vegetative Cover  Yes  No  
Root Penetration  Yes  No

E. Spillway Condition  Good  Fair  Poor  Needs Work

F. Decant  Good  Fair  Poor  Needs Work

G. Freeboard  Good  Fair  Poor  Needs Work

**Comments/Field Information:**

ANIMAL HOLE UNDER INLET OF PRINCIPLE SPILLWAY NEEDS TO  
BE FILLED. WEEDS BY INLET OF EMERGENCY SPILLWAY AND  
OUTLET OF BOTH SPILLWAYS NEED TO BE REMOVED.

**Inspected By**

Name: J. J. Paluso 3/23/17



SEDIMENT POND C



ANIMAL BURROW BY INLET OF PRINCIPLE SPILLWAY



WEEDS BY INLET OF EMERGENCY SPILLWAY



WEEDS BY OUTLET OF BOTH SPILLWAYS



SOUTH INLET UNDERCUTTING



SOUTH INLET UNCERCUTTING (CLOSE-UP)

# Sedimentation Pond Inspection

Date: February 9, 2018

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: "D"

A. Bank Stability

Incised   
Embankment

B. Capacity (0% / 100%)  
Water  
Sediment

6"  
15" BELOW CLEANOUT

C. Evidence of Animal Burrows  Yes  No

D. Vegetative Cover  Yes  No  
Root Penetration  Yes  No

E. Spillway Condition  Good  Fair  Poor  Needs Work

F. Decant  Good  Fair  Poor  Needs Work

G. Freeboard  Good  Fair  Poor  Needs Work

**Comments/Field Information:**

SOUTH INLET & OUTLET IS UNDERCUTTING. NORTH INLET IS  
FULL OF WEEDS.

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Inspected By  
Name: J J Balun 3/23/18



SEDIMENT POND D



SOUTH INLET UNDERCUTTING



OUTLET OF SOUTH INLET UNDERCUTTING



NORTH INLET WEEDS

# Sedimentation Pond Inspection

Date: February 9, 2018

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: "E"

A. Bank Stability

Incised   
Embankment

B. Capacity (0% / 100%)  
Water  
Sediment

DRY  
24" BELOW CLEANOUT

C. Evidence of Animal Burrows  Yes  No

D. Vegetative Cover  Yes  No  
Root Penetration  Yes  No

E. Spillway Condition  Good  Fair  Poor  Needs Work

F. Decant  Good  Fair  Poor  Needs Work

G. Freeboard  Good  Fair  Poor  Needs Work

**Comments/Field Information:**

WEST INLET NEEDS WEEDS REMOVED. TREES IN POND  
ARE STARTING TO GROW AGAIN AND SHOULD BE REMOVED

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Inspected By  
Name: J. P. Pabuso 3/23/18



SEDIMENT POND E



WEEDS IN WEST INLET NEEDS TO BE REMOVED



TREES IN POND STARTING TO GROW AGAIN (SHOULD BE REMOVED)

# Sedimentation Pond Inspection

Date: February 9, 2018

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: "F"

A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)  
Water  
Sediment

DRY  
12 1/2" BELOW CLEANOUT

C. Evidence of Animal Burrows

Yes  No

D. Vegetative Cover

Yes  No

Root Penetration

Yes  No

E. Spillway Condition

Good  Fair  Poor  Needs Work

F. Decant

Good  Fair  Poor  Needs Work

G. Freeboard

Good  Fair  Poor  Needs Work

Comments/Field Information:

WEEDS & COAL FINES IN EAST INLET NEED TO BE  
REMOVED.

Inspected By

Name: J. J. Puccio 3/23/18



SEDIMENT POND F



WEEDS & COAL FINES IN EAST INLET NEED TO BE REMOVED

**State of Utah**  
**DEPARTMENT OF NATURAL RESOURCES**  
**Division of Oil, Gas & Mining**

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801  
 Telephone (801) 538-5340 facsimile (801) 359 3940 TTY (801) 538-7458  
[www.ogm.utah.gov](http://www.ogm.utah.gov)



**Quarterly Inspection Form - Refuse Disposal Areas**  
 (please provide to DOGM promptly after inspection is complete)

Permit Number : C/007/0033 Inspection Date : February 9, 2018  
 Mine Name : Wildcat Loadout Quarter / Year : 1st Quarter 2018  
 Mine Operator (Permittee) : Wild West Equipment & Hauling Inspector Name : J. T. Paluso  
 MSHA ID # : 1211-UT-09-018664-01 Inspector Signature : Joseph T. Paluso  
Digitally signed by Joseph T. Paluso  
 DN: cn=Joseph T. Paluso, o=EGS, ou,  
 email=t.paluso@egsinc.com, c=US  
 Date: 2018.04.02 09:17:29 -0500  
 Facility Name / Location / Address : Wildcat Loadout/5495 West 3550 North, Helper, Utah 84526

1. Describe any changes in the geometry of the structure (as well as instrumentation, if any, used to monitor changes):  
There has not been any changes made this quarter. East drainage ditches around refuse pile still need cleaning shortly.  
Refuse consists of +4 rock.

2. Lift Height / Thickness Avg NA Maximum 2' #      Elevation of Active Benches : NA ,      ,     

3. Vertical Angle of Outslope(s) / Location(s) where measured NA /      /      /      /     

4. Total storage capacity: 20' Height Remaining storage capacity NA Volume placed during year : 0

5. Describe foundation preparation (including removal of vegetation, stumps, topsoil, and all other organic material) :  
Foundation is firm and undisturbed soil. Vegetation has been removed. Pile will not exceed 20 feet high.

6. Describe placement and compaction of fill materials (including an explanation of how compaction is confirmed) :  
Fill material is placed over compacted refuse with push tractor.

7. Is there any evidence of fires or burning on the structure ? (If YES, specify extent, location, and abatement/extinguishment of such fires) :  
No evidence of fires or burning

8. Describe placement of under drains, protective filter systems, and final surface drainage systems (report any seepage, including location, color, flow) :  
None known. East drainage ditch needs cleaning shortly.

9. Describe any appearances of instability, structural weakness, or other hazardous conditions :  
None noticed

10. Please provide any other information pertaining to the stability of the structure (attach any photos taken during the inspection)

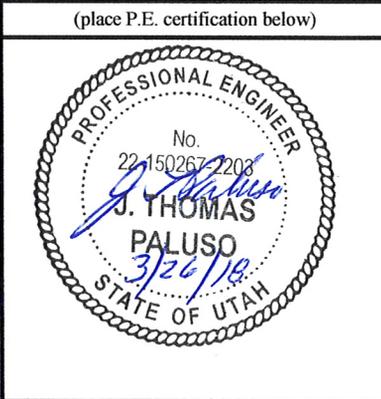
Are there cracks or scarps in crest ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Is there any detectable sloughing or bulging ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Do slope erosion problems exist ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Cracks or scarps in slope ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Surface movements? (valley bottom, hillsides)	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Erosion of Toe ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Water impounded by structure ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Are diversion ditches stable?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
Is drainage positive ?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

Could failure of structure create an impoundment (provide description) ? Failure of side slopes would not impound water.

Are design standards established within the mining and reclamation plan for the disposal facility being met ?  
Yes

Proctor Determination : NA

I hereby certify that: I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with structure; that the fill structure has been maintained in accordance with the approved design and meets or exceeds the minimum design requirements under all applicable federal, state, and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.



PHOTOGRAPHS



REFUSE PILE SIGN



TOP OF REFUSE PILE



WEST DRAINAGE DITCH



EAST DRAINAGE DITCH

### Sedimentation Pond Inspection

Date: April 11, 2018

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: DEPRESSED AREA IMPOUNDMENT

A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)  
Water DRY  
Sediment \_\_\_\_\_

C. Evidence of Animal Burrows  Yes  No

D. Vegetative Cover  Yes  No

Root Penetration  Yes  No

E. Spillway Condition NA  Good  Fair  Poor  Needs Work

F. Decant NA  Good  Fair  Poor  Needs Work

G. Freeboard NA  Good  Fair  Poor  Needs Work

**Comments/Field Information:**

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Inspected By

Name: J T Paluso 4/20/18



DEPRESSED AREA IMPOUNDMENT

**State of Utah**  
**DEPARTMENT OF NATURAL RESOURCES**  
**Division of Oil, Gas & Mining**

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801  
 Telephone (801) 538-5340 facsimile (801) 359 3940 TTY (801) 538-7458  
[www.ogm.utah.gov](http://www.ogm.utah.gov)



**Quarterly Inspection Form - Refuse Disposal Areas**  
 (please provide to DOGM promptly after inspection is complete)

Permit Number : C/007/0033 Inspection Date : April 11, 2018  
 Mine Name : Wildcat Loadout Quarter / Year : 2nd Quarter 2018  
 Mine Operator (Permittee) : Wild West Equipment & Hauling Inspector Name : J. T. Paluso  
 MSHA ID # : 1211-UT-09-018664-01 Inspector Signature : Joseph T. Paluso  
Digitally signed by Joseph T. Paluso  
 DN: cn=Joseph T. Paluso, o=ES, ou=  
 email=tompaluso@preciscom.net, c=US  
 Date: 2015.04.02.09:17:29 -0600  
 Facility Name / Location / Address : Wildcat Loadout/5495 West 3550 North, Helper, Utah 84526

1. Describe any changes in the geometry of the structure (as well as instrumentation, if any, used to monitor changes):  
There has not been any changes made this quarter. East drainage ditches around refuse pile still need cleaning shortly.

Refuse consists of +4 rock.

2. Lift Height / Thickness Avg NA Maximum 2' # \_\_\_\_\_ Elevation of Active Benches : NA , \_\_\_\_\_ , \_\_\_\_\_

3. Vertical Angle of Outslope(s) / Location(s) where measured NA / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

4. Total storage capacity: 20' Height Remaining storage capacity NA Volume placed during year : 0

5. Describe foundation preparation (including removal of vegetation, stumps, topsoil, and all other organic material) :

Foundation is firm and undisturbed soil. Vegetation has been removed. Pile will not exceed 20 feet high.

6. Describe placement and compaction of fill materials (including an explanation of how compaction is confirmed) :

Fill material is placed over compacted refuse with push tractor.

7. Is there any evidence of fires or burning on the structure ? (If YES, specify extent, location, and abatement/extinguishment of such fires) :

No evidence of fires or burning

8. Describe placement of under drains, protective filter systems, and final surface drainage systems (report any seepage, including location, color, flow) :

None known. East drainage ditch needs cleaning shortly.

9. Describe any appearances of instability, structural weakness, or other hazardous conditions :

None noticed

10. Please provide any other information pertaining to the stability of the structure (attach any photos taken during the inspection)

Are there cracks or scarps in crest ? YES  NO

Is there any detectable sloughing or bulging ? YES  NO

Do slope erosion problems exist ? YES  NO

Cracks or scarps in slope ? YES  NO

Surface movements? (valley bottom, hillsides) YES  NO

Erosion of Toe ? YES  NO

Water impounded by structure ? YES  NO

Are diversion ditches stable? YES  NO

Is drainage positive ? YES  NO

Could failure of structure create an impoundment (provide description) ? Failure of side slopes would not impound water.

(place P.E. certification below)

Are design standards established within the mining and reclamation plan for the disposal facility being met ?

Yes

Proctor Determination : NA



I hereby certify that: I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with structure; that the fill structure has been maintained in accordance with the approved design and meets or exceeds the minimum design requirements under all applicable federal, state, and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

PHOTOGRAPHS



REFUSE PILE SIGN



EAST DRAINAGE DITCH



WEST DRAINAGE DITCH



TOP OF PILE LOOKING NORTH

### Sedimentation Pond Inspection

Date: April 11, 2018

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: PERMANENT IMPOUNDMENT

A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)

Water DRY (BOTH CELLS)

Sediment \_\_\_\_\_

C. Evidence of Animal Burrows  Yes  No

D. Vegetative Cover  Yes  No

Root Penetration  Yes  No

E. Spillway Condition  Good  Fair  Poor  Needs Work

F. Decant  Good  Fair  Poor  Needs Work

G. Freeboard  Good  Fair  Poor  Needs Work

**Comments/Field Information:**

UPPER CELL IS FULL OF WEEDS

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Inspected By

Name: J J Palusa 4/20/18



PERMANENT IMPOUNDMENT UPPER CELL



PERMANENT IMPOUNDMENT LOWER CELL OUTLET

**Sedimentation Pond Inspection**

Date: April 11, 2018

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: 'A'

A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)

Water

Sediment

DRY  
32" BELOW CLEANOUT

C. Evidence of Animal Burrows

Yes  No

D. Vegetative Cover

Yes  No

Root Penetration

Yes  No

E. Spillway Condition

Good  Fair  Poor  Needs Work

F. Decant

Good  Fair  Poor  Needs Work

G. Freeboard

Good  Fair  Poor  Needs Work

**Comments/Field Information:**

WEST INLET BY LOADOUT TOWER BELT NEEDS WEEDS  
REMOVED. WEEDS BY OUTLET OF WEST POND INLET  
ALSO NEED TO BE REMOVED

**Inspected By**

Name: J J Palusz 4/20/18



POND A LOOKING NORTH



WEST INLET WEEDS

# Sedimentation Pond Inspection

Date: April 11, 2018

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: "B"

A. Bank Stability

Incised

3/4

Embankment

1/4

B. Capacity (0% / 100%)

Water

DRY

Sediment

22" BELOW CLEANOUT

C. Evidence of Animal Burrows

Yes

No

D. Vegetative Cover

Yes

No

Root Penetration

Yes

No

E. Spillway Condition

Good

Fair

Poor

Needs Work

F. Decant

Good

Fair

Poor

Needs Work

G. Freeboard

Good

Fair

Poor

Needs Work

**Comments/Field Information:**

WEEDS BY INLET OF PRINCIPLE SPILLWAY & EMERGENCY  
SPILLWAY NEED TO BE REMOVED

**Inspected By**

Name: J J Palumbo 4/20/18



POND B



PRINCIPLE SPILLWAY WEEDS



EMERGENCY SPILLWAY WEEDS

### Sedimentation Pond Inspection

Date: April 11, 2018

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: "C"

A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)

Water

Sediment

DRY  
34" BELOW CLEANOUT

C. Evidence of Animal Burrows

Yes  No

D. Vegetative Cover

Yes  No

Root Penetration

Yes  No

E. Spillway Condition

Good  Fair  Poor  Needs Work

F. Decant

Good  Fair  Poor  Needs Work

G. Freeboard

Good  Fair  Poor  Needs Work

**Comments/Field Information:**

ANIMAL BURROW UNDER INLET OF PRINCIPAL SPILLWAY  
SHOULD BE FILLED. EMERGENCY SPILLWAY INLET WEEDS  
NEED TO BE REMOVED. SOUTH INLET CMP IS BEING  
UNDERCUT AND WEST INLET NEEDS WEEDS REMOVED.

Inspected By

Name: J V Paluso 4/20/18



POND C



PRINCIPLE SPILLWAY ANIMAL HOLE



EMERGENCY SPILLWAY INLET WEEDS



SOUTH INLET UNDERCUTTING



WEST INLET NEEDS WEEDS REMOVED

**Sedimentation Pond Inspection**

Date: April 11, 2018

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: "D"

A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)

Water  
Sediment

DRY  
15 1/2" BELOW CLEANOUT

C. Evidence of Animal Burrows

Yes  No

D. Vegetative Cover

Yes  No

Root Penetration

Yes  No

E. Spillway Condition

Good  Fair  Poor  Needs Work

F. Decant

Good  Fair  Poor  Needs Work

G. Freeboard

Good  Fair  Poor  Needs Work

**Comments/Field Information:**

SOUTH INLET & OUTLET IS UNDERCUTTING.  
EMERGENCY SPILLWAY OUTLET NEEDS CLEANING.  
NORTH INLET NEEDS NEEDS REMOVED.

Inspected By

Name: J J Palmer 4/20/18



POND D



SOUTH INLET UNDERCUTTING



OUTLET OF SOUTH INLET IS UNDERCUTTING



EMERGENCY SPILLWAY OUTLET NEEDS CLEANING



NORTH INLET NEEDS WEEDS REMOVED

# Sedimentation Pond Inspection

Date: April 11, 2018

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: "E"

A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)

Water

Sediment

DRY  
24" BELOW CLEANOUT

C. Evidence of Animal Burrows

Yes  No

D. Vegetative Cover

Yes  No

Root Penetration

Yes  No

E. Spillway Condition

Good  Fair  Poor  Needs Work

F. Decant

Good  Fair  Poor  Needs Work

G. Freeboard

Good  Fair  Poor  Needs Work

**Comments/Field Information:**

WEST & NORTH INLETS NEEDS WEEDS REMOVED.  
TREES ARE STARTING TO GROW AGAIN IN POND AND  
SHOULD BE REMOVED

Inspected By

Name: J J Palusa 4/20/18



POND E



WEST INLET NEEDS CLEANING



TREES IN POND STARTING TO GROW AGAIN



NORTH INLET NEEDS CLEANING

### Sedimentation Pond Inspection

Date: April 11, 2018

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: "F"

A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)  
Water  
Sediment

DRY  
12 1/2" BELOW CLEANOUT

C. Evidence of Animal Burrows

Yes  No

D. Vegetative Cover

Yes  No

Root Penetration

Yes  No

E. Spillway Condition

Good  Fair  Poor  Needs Work

F. Decant

Good  Fair  Poor  Needs Work

G. Freeboard

Good  Fair  Poor  Needs Work

**Comments/Field Information:**

NEEDS 3 COAL FINES IN EAST INLET NEED TO  
BE REMOVED. NORTH INLET IS STARTING TO  
UNDERCUT.

Inspected By

Name: J. J. Parker 4/20/18



POND F



EAST INLET FULL OF WEEDS AND COAL FINES (NEEDS CLEANING)



WEST INLET STARTING TO UNDERCUT

**Sedimentation Pond Inspection**

Date: August 16, 2018

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: DEPRESSED AREA IMPOUNDMENT

A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)

Water DRY

Sediment \_\_\_\_\_

C. Evidence of Animal Burrows  Yes  No

D. Vegetative Cover  Yes  No

Root Penetration  Yes  No

E. Spillway Condition NA  Good  Fair  Poor  Needs Work

F. Decant NA  Good  Fair  Poor  Needs Work

G. Freeboard NA  Good  Fair  Poor  Needs Work

**Comments/Field Information:**

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**Inspected By**

Name: J V Babusa 8/28/18



DEPRESSED AREA IMPOUNDMENT

**State of Utah**  
**DEPARTMENT OF NATURAL RESOURCES**  
**Division of Oil, Gas & Mining**

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801  
 Telephone (801) 538-5340 facsimile (801) 359 3940 TTY (801) 538-7458  
[www.ogm.utah.gov](http://www.ogm.utah.gov)



**Quarterly Inspection Form - Refuse Disposal Areas**

(please provide to DOGM promptly after inspection is complete)

Permit Number : C/007/0033 Inspection Date : August 16, 2018  
 Mine Name : Wildcat Loadout Quarter / Year : 3rd Quarter 2018  
 Mine Operator (Permittee) : Wild West Equipment & Hauling Inspector Name : J. T. Paluso  
 MSHA ID # : 1211-UT-09-018664-01 Inspector Signature : Joseph T. Paluso  
Digitally signed by Joseph T. Paluso  
 DN: cn=Joseph T. Paluso, o=DES, ou=  
 email=jopaluso@descom.net, c=US  
 Date: 2015.04.02 09:17:29 -0600  
 Facility Name / Location / Address : Wildcat Loadout/5495 West 3550 North, Helper, Utah 84526

1. Describe any changes in the geometry of the structure (as well as instrumentation, if any, used to monitor changes):  
There has not been any changes made this quarter.

Refuse consists of +4 rock.

2. Lift Height / Thickness Avg NA Maximum 2' # \_\_\_\_\_ Elevation of Active Benches : NA , \_\_\_\_\_ , \_\_\_\_\_

3. Vertical Angle of Outslope(s) / Location(s) where measured NA / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

4. Total storage capacity: 20' Height Remaining storage capacity NA Volume placed during year : 0

5. Describe foundation preparation (including removal of vegetation, stumps, topsoil, and all other organic material) :  
Foundation is firm and undisturbed soil. Vegetation has been removed. Pile will not exceed 20 feet high.

6. Describe placement and compaction of fill materials (including an explanation of how compaction is confirmed) :  
Fill material is placed over compacted refuse with push tractor.

7. Is there any evidence of fires or burning on the structure ? (If YES, specify extent, location, and abatement/extinguishment of such fires) :  
No evidence of fires or burning

8. Describe placement of under drains, protective filter systems, and final surface drainage systems (report any seepage, including location, color, flow) :  
None known. East drainage ditch needs cleaning shortly.

9. Describe any appearances of instability, structural weakness, or other hazardous conditions :  
None noticed

10. Please provide any other information pertaining to the stability of the structure (attach any photos taken during the inspection)

Are there cracks or scarps in crest ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Is there any detectable sloughing or bulging ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Do slope erosion problems exist ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Cracks or scarps in slope ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Surface movements? (valley bottom, hillsides)	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Erosion of Toe ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Water impounded by structure ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Are diversion ditches stable?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
Is drainage positive ?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

Could failure of structure create an impoundment (provide description) ? Failure of side slopes would not impound water.

Are design standards established within the mining and reclamation plan for the disposal facility being met ?  
Yes

Proctor Determination : NA

I hereby certify that: I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with structure; that the fill structure has been maintained in accordance with the approved design and meets or exceeds the minimum design requirements under all applicable federal, state, and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

(place P.E. certification below)

PHOTOGRAPHS



REFUSE PILE SIGN



EAST DRAINAGE DITCH LOOKING NORTH



WEST DRAINAGE DITCH LOOKING SOUTH



LOOKING SOUTH WHILE ON THE NORTH END OF THE REFUSE PILE

### Sedimentation Pond Inspection

Date: August 16, 2018

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: PERMANENT IMPOUNDMENT

A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)

Water DRY (BOTH CELLS)

Sediment DRY (BOTH CELLS)

C. Evidence of Animal Burrows  Yes  No

D. Vegetative Cover  Yes  No

Root Penetration  Yes  No

E. Spillway Condition  Good  Fair  Poor  Needs Work

F. Decant  Good  Fair  Poor  Needs Work

G. Freeboard  Good  Fair  Poor  Needs Work

Comments/Field Information:

UPPER CELL IS FULL OF WEEDS.

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Inspected By

Name: J J Palaso 8/28/18



PERMANENT IMPOUNDMENT UPPER CELL



PERMANENT IMPOUNDMENT LOWER CELL

**Sedimentation Pond Inspection**

Date: August 16, 2018

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: "A"

A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)

Water

Sediment

DRY  
32" BELOW CLEANOUT

C. Evidence of Animal Burrows

Yes  No

D. Vegetative Cover

Yes  No

Root Penetration

Yes  No

E. Spillway Condition

Good  Fair  Poor  Needs Work

F. Decant

Good  Fair  Poor  Needs Work

G. Freeboard

Good  Fair  Poor  Needs Work

**Comments/Field Information:**

WEST INLET IS NOT LINED UP WITH CMP. MORE BELT  
IS REQUIRED.

Inspected By

Name: J J Paluso 8/28/18



POND A



POND A WEST INLET BELT DOES NOT LINE UP WITH CMP

**Sedimentation Pond Inspection**

Date: August 16, 2018

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: "B"

A. Bank Stability

Incised  3/4

Embankment  1/4

B. Capacity (0% / 100%)

Water DRY  
Sediment 21 1/2" BELOW CLEANOUT

C. Evidence of Animal Burrows  Yes  No

D. Vegetative Cover  Yes  No

Root Penetration  Yes  No

E. Spillway Condition  Good  Fair  Poor  Needs Work

F. Decant  Good  Fair  Poor  Needs Work

G. Freeboard  Good  Fair  Poor  Needs Work

**Comments/Field Information:**

NEEDS BY INLET OF PRINCIPLE & EMERGENCY SPILLWAYS  
NEED TO BE REMOVED.

**Inspected By**

Name: J. J. Paluso 8/29/18



POND B



POND B WEEDS AT PRINCIPLE SPILLWAY INLET

### Sedimentation Pond Inspection

Date: August 16, 2018

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: "C"

A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)

Water

Sediment

~6"  
34" BELOW CLEANOUT

C. Evidence of Animal Burrows

Yes  No

D. Vegetative Cover

Yes  No

Root Penetration

Yes  No

E. Spillway Condition

Good  Fair  Poor  Needs Work

F. Decant

Good  Fair  Poor  Needs Work

G. Freeboard

Good  Fair  Poor  Needs Work

Comments/Field Information:

ANIMAL BURROW UNDER INLET OF PRINCIPAL SPILLWAY SHOULD  
BE FILLED, EMERGENCY SPILLWAY INLET WEEDS NEED TO BE  
REMOVED. EMERGENCY & PRINCIPLE OUTLET SPILLWAYS NEED  
TO HAVE WEEDS REMOVED. SOUTH INLET CMP IS BEING  
UNDERCUT AND SHOULD BE REPAIRED.

Inspected By

Name: J J Paluso 8/29/18



POND C



POND C EMERGENCY SPILLWAY INLET WEEDS



POND C EMERGENCY SPILLWAY OUTLET WEEDS



POND C SOUTH INLET UNDERCUTTING

**Sedimentation Pond Inspection**

Date: August 16, 2018

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: "D"

A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)

Water

Sediment

DRY  
15 1/2" BELOW CLEANOUT

C. Evidence of Animal Burrows

Yes  No

D. Vegetative Cover

Yes  No

Root Penetration

Yes  No

E. Spillway Condition

Good  Fair  Poor  Needs Work

F. Decant

Good  Fair  Poor  Needs Work

G. Freeboard

Good  Fair  Poor  Needs Work

**Comments/Field Information:**

SOUTH INLET & OUTLET IS UNDERCUTTING. EMERGENCY  
SPILLWAY OUTLET NEEDS WEEDS REMOVED.

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**Inspected By**

Name: J. V. Pakusa 8/28/18



POND D



EMERGENCY SPILLWAY OUTLET NEEDS WEEDS REMOVED



SOUTH INLET IS UNDERCUTTING

**Sedimentation Pond Inspection**

Date: August 16, 2018

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: "E"

A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)

Water

Sediment

DRY  
24" BELOW CLEANOUT

C. Evidence of Animal Burrows

Yes  No

D. Vegetative Cover

Yes  No

Root Penetration

Yes  No

E. Spillway Condition

Good  Fair  Poor  Needs Work

F. Decant

Good  Fair  Poor  Needs Work

G. Freeboard

Good  Fair  Poor  Needs Work

**Comments/Field Information:**

TREES ARE STARTING TO GROW AGAIN IN POND AND SHOULD  
BE REMOVED.

**Inspected By**

Name: J. Galuso 8/28/18



POND E



POND E TREES GROWING IN POND

**Sedimentation Pond Inspection**

Date: August 16, 2018

Company/Mine Name: Wildcat Loadout Permit No. C/007/0033

Pond Number: "F"

A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)  
Water  
Sediment

DRY  
12 1/2" BELOW CLEANOUT

C. Evidence of Animal Burrows  Yes  No

D. Vegetative Cover  Yes  No

Root Penetration  Yes  No

E. Spillway Condition  Good  Fair  Poor  Needs Work

F. Decant  Good  Fair  Poor  Needs Work

G. Freeboard  Good  Fair  Poor  Needs Work

**Comments/Field Information:**

WEEDS & COAL FINES IN EAST INLET NEED TO  
BE REMOVED.

**Inspected By**

Name: J. J. Paluso 8/28/18



POND F



EAST INLET WEEDS AND COAL FINES NEED TO BE REMOVED

**State of Utah**  
**DEPARTMENT OF NATURAL RESOURCES**  
**Division of Oil, Gas & Mining**

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801  
 Telephone (801) 538-5340 facsimile (801) 359 3940 TTY (801) 538-7458  
[www.ogm.utah.gov](http://www.ogm.utah.gov)



**Quarterly Inspection Form - Refuse Disposal Areas**

(please provide to DOGM promptly after inspection is complete)

Permit Number :	<u>C/007/0033</u>	Inspection Date :	<u>December 3, 2018</u>
Mine Name :	<u>Wildcat Loadout</u>	Quarter / Year :	<u>4th Quarter 2017</u>
Mine Operator (Permittee) :	<u>Coal Energy Group 2, LLC</u>	Inspector Name :	<u>J. T. Paluso</u>
MSHA ID # :	<u>1211-UT-09-018664-01</u>	Inspector Signature :	<u>Joseph T. Paluso</u>
Facility Name / Location / Address :	<u>Wildcat Loadout/5495 West 3550 North, Helper, Utah 84526</u>		

Digitally signed by Joseph T. Paluso  
 DN: cn=Joseph T. Paluso, o=ES, ou=  
 email=compaluso@preclcom.net, c=US  
 Date: 2018.04.02 09:17:29 -0600

1. Describe any changes in the geometry of the structure (as well as instrumentation, if any, used to monitor changes):  
There has not been any changes made this quarter.

Refuse consists of +4 rock.

2. Lift Height / Thickness Avg NA Maximum 2' #      Elevation of Active Benches : NA ,      ,     

3. Vertical Angle of Outslope(s) / Location(s) where measured NA /      /      /     

4. Total storage capacity: 20' Height Remaining storage capacity NA Volume placed during year : 0

5. Describe foundation preparation (including removal of vegetation, stumps, topsoil, and all other organic material) :  
Foundation is firm and undisturbed soil. Vegetation has been removed. Pile will not exceed 20 feet high.

6. Describe placement and compaction of fill materials (including an explanation of how compaction is confirmed) :  
Fill material is placed over compacted refuse with push tractor.

7. Is there any evidence of fires or burning on the structure ? (If YES, specify extent, location, and abatement/extinguishment of such fires) :  
No evidence of fires or burning

8. Describe placement of under drains, protective filter systems, and final surface drainage systems (report any seepage, including location, color, flow) :  
None known. East drainage ditch needs cleaning shortly.

9. Describe any appearances of instability, structural weakness, or other hazardous conditions :  
None noticed

10. Please provide any other information pertaining to the stability of the structure (attach any photos taken during the inspection)

Are there cracks or scarps in crest ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Is there any detectable sloughing or bulging ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Do slope erosion problems exist ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Cracks or scarps in slope ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Surface movements? (valley bottom, hillsides)	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Erosion of Toe ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Water impounded by structure ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Are diversion ditches stable?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
Is drainage positive ?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

Could failure of structure create an impoundment (provide description) ? Failure of side slopes would not impound water.

Are design standards established within the mining and reclamation plan for the disposal facility being met ?  
Yes

Proctor Determination : NA

I hereby certify that: I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with structure; that the fill structure has been maintained in accordance with the approved design and meets or exceeds the minimum design requirements under all applicable federal, state, and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

(place P.E. certification below)



REFUSE PILE SIGN



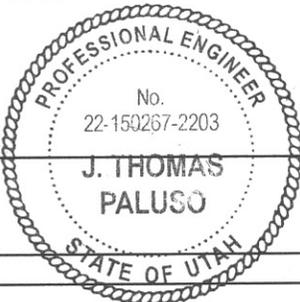
REFUSE PILE EAST DRAINAGE DITCH



REFUSE PILE WEST DRAINAGE DITCH

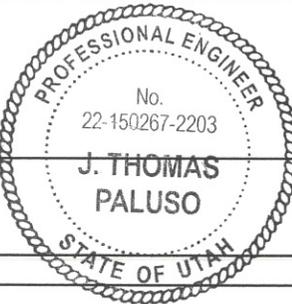


REFUSE PILE NORTH SIDE

<b>1. IMPOUNDMENT INSPECTION AND CERTIFIED REPORT</b>			Page 1 of 2
Permit Number:	ACT/015/025	Report Date: December 20, 2018	
Mine Name:	Wildcat Loadout		
Company Name	Coal Energy Group 2, LLC		
Impoundment Identification:	Impoundment Name	Permanent Impoundment	
	Impoundment Number:	Permanent Impoundment	
	UPDES Permit Number:	UTG040007	
	MSHA ID Number:	42-01864	
<b>IMPOUNDMENT INSPECTION</b>			
Inspection Date:	December 3, 2018		
Inspected By:	J.T. Paluso		
Reason for Inspection:	Annual Inspection		
(Annual, Quarterly or other Periodic Inspection, Critical Installation or Completion of Construction)			
<b>1. Describe any appearances of any instability, structural weakness, or any other hazardous condition.</b>			
The pond's dam shows no signs of structural instability or other hazardous conditions.			
Required for an impoundment which functions as a SEDIMENTATION POND	<b>2. Sediment storage capacity and storage volumes.</b>		
	Existing Storage Capacity: 0.437 ac-ft (Upper) and 1.114 ac-ft (Lower)		
	Existing Sediment Storage Capacity (To Cleanout): NA		
	<b>3. Principle and emergency spillway elevations</b>		
	Principle spillway elevation: 6195.8 Upper Cell, 6185.8 Lower Cell		
	Emergency spillway elevation: 6196.3 Upper Cell, NA Lower Cell		
<b>4. Field Information:</b> Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.			
During the annual inspection, December 3, 2018, the vegetative was covered with snow with no signs of erosion.			
<b>5. Field Evaluation:</b> Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.			
The sediment ponds were dry (Upper & Lower). See the attached photograph.			
<b>Qualified Statement</b>	I hereby certify that I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure, that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.		
	Signature: <i>J. T. Paluso</i>		Date: <i>12/20/18</i>



PERMANENT IMPOUNDMENT

<b>1. IMPOUNDMENT INSPECTION AND CERTIFIED REPORT</b>			Page 1 of 2
Permit Number:	ACT/015/025	Report Date: December 20, 2018	
Mine Name:	Wildcat Loadout		
Company Name	Coal Energy Group 2, LLC		
Impoundment Identification:	Impoundment Name	Sediment Pond "A"	
	Impoundment Number:	A	
	UPDES Permit Number:	UTG040007	
	MSHA ID Number:	42-01864	
<b>IMPOUNDMENT INSPECTION</b>			
Inspection Date:	December 3, 2018		
Inspected By:	J.T. Paluso		
Reason for Inspection:	Annual Inspection		
(Annual, Quarterly or other Periodic Inspection, Critical Installation or Completion of Construction)			
<b>1. Describe any appearances of any instability, structural weakness, or any other hazardous condition.</b>			
The pond's dam shows no signs of structural instability or other hazardous conditions.			
Required for an impoundment which functions as a SEDIMENTATION POND	<b>2. Sediment storage capacity and storage volumes.</b>		
	Existing Storage Capacity: 2.9 ac-ft		
	Existing Sediment Storage Capacity (To Cleanout): .83 ac-ft		
	<b>3. Principle and emergency spillway elevations</b>		
	Principle spillway elevation: 6,149.0'		
	Emergency spillway elevation: 6,150.0'		
<b>4. Field Information:</b> Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on out slopes of embankment erosion/repairs, monitoring information, vegetation on out slopes of embankments, etc.			
During the annual inspection, December 3, 2018, the vegetative was covered with snow with no signs of erosion. Both spillways look good with no signs of stability problems.			
<b>5. Field Evaluation:</b> Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.			
The pond was dry and the sediment is 32" below cleanout level. The west pond inlet needs more belting installed under the CMP to prevent erosion.			
<b>Qualified Statement</b>		I hereby certify that I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure, that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.	
		Signature: <i>J.T. Paluso</i>	Date: 12/20/18

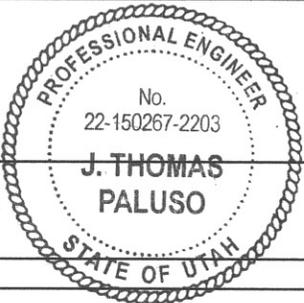


POND A

<b>1. IMPOUNDMENT INSPECTION AND CERTIFIED REPORT</b>			Page 1 of 2
Permit Number:	ACT/015/025	Report Date: December 20, 2018	
Mine Name:	Wildcat Loadout		
Company Name	Coal Energy Group 2, LLC		
Impoundment Identification:	Impoundment Name	Sediment Pond "B"	
		B	
	UPDES Permit Number:	UTG040007	
	MSHA ID Number:	42-01864	
<b>IMPOUNDMENT INSPECTION</b>			
Inspection Date:	December 3, 2018		
Inspected By:	J.T. Paluso		
Reason for Inspection:	Annual Inspection		
(Annual, Quarterly or other Periodic Inspection, Critical Installation or Completion of Construction)			
<b>1. Describe any appearances of any instability, structural weakness, or any other hazardous condition.</b>			
The pond's dam shows no signs of structural instability or other hazardous conditions.			
Required for an impoundment which functions as a SEDIMENTATION POND	<b>2. Sediment storage capacity and storage volumes.</b>		
	Existing Storage Capacity: 0.41 ac-ft		
	Existing Sediment Storage Capacity (To Cleanout): 0.13 ac-ft		
	<b>3. Principle and emergency spillway elevations</b>		
	Principle spillway elevation: 6,138.0'		
	Emergency spillway elevation: 6,139.0'		
<b>4. Field Information:</b> Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.			
During the annual inspection, December 3, 2018, the vegetative was covered by snow with no signs of erosion. Weeds in the emergency and by principle spillway need to be cleaned out.			
<b>5. Field Evaluation:</b> Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.			
The sediment pond was dry, see the attached photograph. Sediment is 20.5" below cleanout level.			
<b>Qualified Statement</b>		I hereby certify that I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure, that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.	
		Signature: <i>J. Paluso</i>	Date: 12/20/18

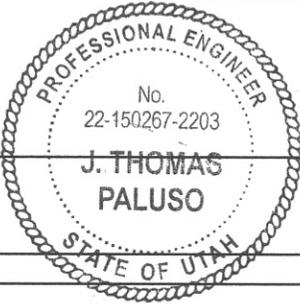


POND B

<b>1. IMPOUNDMENT INSPECTION AND CERTIFIED REPORT</b>		Page 1 of 2	
Permit Number:	ACT/015/025	Report Date: December 20, 2018	
Mine Name:	Wildcat Loadout		
Company Name	Coal Energy Group 2, LLC		
Impoundment Identification:	Impoundment Name	Sediment Pond "C"	
	Impoundment Number:	C	
	UPDES Permit Number:	UTG040007	
	MSHA ID Number:	42-01864	
<b>IMPOUNDMENT INSPECTION</b>			
Inspection Date:	December 3, 2018		
Inspected By:	J.T. Paluso		
Reason for Inspection:	Annual Inspection		
(Annual, Quarterly or other Periodic Inspection, Critical Installation or Completion of Construction)			
<b>1. Describe any appearances of any instability, structural weakness, or any other hazardous condition.</b>			
The pond's dam shows no signs of structural instability or other hazardous conditions.			
Required for an impoundment which functions as a SEDIMENTATION POND	<b>2. Sediment storage capacity and storage volumes.</b>		
	Existing Storage Capacity: 4.174 ac-ft		
	Existing Sediment Storage Capacity (To Cleanout): 1.08 ac-ft		
	<b>3. Principle and emergency spillway elevations</b>		
	Principle spillway elevation: 6,137.0'		
	Emergency spillway elevation: 6,138.0'		
<b>4. Field Information:</b> Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on out slopes of embankment erosion/repairs, monitoring information, vegetation on out slopes of embankments, etc.			
During the annual inspection, December 3, 2018, the vegetative was covered with snow with no signs of erosion. Animal hole under inlet of principle spillway needs to be filled. Emergency spillway inlet needs weeds removed. Emergency and principle outlet spillways need to have weeds also removed.			
<b>5. Field Evaluation:</b> Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.			
The sediment pond was dry. See the attached photograph. Sediment is 29" below cleanout level.			
<b>Qualified Statement</b>		I hereby certify that I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure, that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.	
		Signature: <i>J T Paluso</i>	Date: <i>12/20/18</i>



POND C

<b>1. IMPOUNDMENT INSPECTION AND CERTIFIED REPORT</b>			Page 1 of 2
Permit Number:	ACT/015/025	Report Date: December 20, 2018	
Mine Name:	Wildcat Loadout		
Company Name	Coal Energy Group 2, LLC		
Impoundment Identification:	Impoundment Name	Sediment Pond "D"	
	Impoundment Number:	D	
	UPDES Permit Number:	UTG040007	
	MSHA ID Number:	42-01864	
<b>IMPOUNDMENT INSPECTION</b>			
Inspection Date:	December 3, 2018		
Inspected By:	J.T. Paluso		
Reason for Inspection:	Annual Inspection		
(Annual, Quarterly or other Periodic Inspection, Critical Installation or Completion of Construction)			
<b>1. Describe any appearances of any instability, structural weakness, or any other hazardous condition.</b>			
The pond's dam shows no signs of structural instability or other hazardous conditions.			
Required for an impoundment which functions as a SEDIMENTATION POND	<b>2. Sediment storage capacity and storage volumes.</b>		
	Existing Storage Capacity: 1.131 ac-ft		
	Existing Sediment Storage Capacity (To Cleanout): 0.34 ac-ft (See Section 4)		
	<b>3. Principle and emergency spillway elevations</b>		
	Principle spillway elevation: 6,139.0'		
	Emergency spillway elevation: 6,140.0'		
<b>4. Field Information:</b> Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.			
During the annual inspection, December 3, 2018, the vegetative was covered with snow with no signs of erosion. The sediment cleanout level was 13" before the pond had to be clean out. The spillway outlet needs weeds removed. See attached photograph.			
<b>5. Field Evaluation:</b> Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.			
There was approximately 6" of ice in the pond.			
<b>Qualified Statement</b>		I hereby certify that I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure, that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.	
		Signature: <i>J.T. Paluso</i>	Date: <i>12/20/18</i>



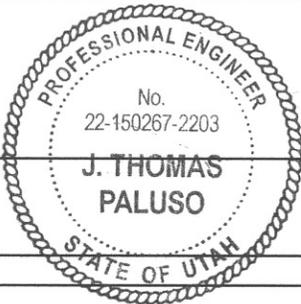
POND D



POND C SOUTH INLET



POND D WEEDS PLUGGING OUTLET

<b>1. IMPOUNDMENT INSPECTION AND CERTIFIED REPORT</b>			Page 1 of 2
Permit Number:	ACT/015/025	Report Date: December 20, 2018	
Mine Name:	Wildcat Loadout		
Company Name	Coal Energy Group 2, LLC		
Impoundment Identification:	Impoundment Name	Sediment Pond "E"	
	Impoundment Number:	E	
	UPDES Permit Number:	UTG040007	
	MSHA ID Number:	42-01864	
<b>IMPOUNDMENT INSPECTION</b>			
Inspection Date:	December 3, 2018		
Inspected By:	J.T. Paluso		
Reason for Inspection:	Annual Inspection		
(Annual, Quarterly or other Periodic Inspection, Critical Installation or Completion of Construction)			
<b>1. Describe any appearances of any instability, structural weakness, or any other hazardous condition.</b>			
The pond's dam shows no signs of structural instability or other hazardous conditions.			
Required for an impoundment which functions as a SEDIMENTATION POND	<b>2. Sediment storage capacity and storage volumes.</b>		
	Existing Storage Capacity: 1.092 ac-ft		
	Existing Sediment Storage Capacity (To Cleanout): 0.39 ac-ft		
	<b>3. Principle and emergency spillway elevations</b>		
	Principle spillway elevation: 6,145.0'		
	Emergency spillway elevation: 6,146.0'		
<b>4. Field Information:</b> Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.			
During the annual inspection, December 3, 2018, the vegetative was covered with snow with no signs of erosion. Trees are starting to grow again in the pond and should be removed.			
<b>5. Field Evaluation:</b> Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.			
The sediment pond was dry and the sediment level was 24" below cleanout level. See the attached photograph.			
<b>Qualified Statement</b>		I hereby certify that I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure, that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.	
		Signature: <i>J. Paluso</i>	Date: <i>12/20/18</i>



POND E

<b>1. IMPOUNDMENT INSPECTION AND CERTIFIED REPORT</b>		<b>Page 1 of 2</b>
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<b>Permit Number:</b>	ACT/015/025	Report Date: December 20, 2018
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<b>Mine Name:</b>	Wildcat Loadout
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<b>Company Name</b>	Coal Energy Group 2, LLC
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<b>Impoundment Identification:</b>	<b>Impoundment Name</b>	Sediment Pond "F"
	<b>Impoundment Number:</b>	F
	<b>UPDES Permit Number:</b>	UTG040007
	<b>MSHA ID Number:</b>	42-01864

<b>IMPOUNDMENT INSPECTION</b>		
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<b>Inspection Date:</b>	December 3, 2018
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<b>Inspected By:</b>	J.T. Paluso
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<b>Reason for Inspection:</b>	Annual Inspection
(Annual, Quarterly or other Periodic Inspection, Critical Installation or Completion of Construction)	

**1. Describe any appearances of any instability, structural weakness, or any other hazardous condition.**

The pond's dam shows no signs of structural instability or other hazardous conditions.

<b>Required for an impoundment which functions as a SEDIMENTATION POND</b>	<b>2. Sediment storage capacity and storage volumes.</b>
--	--

	Existing Storage Capacity: 0.869 ac-ft
--	--

	Existing Sediment Storage Capacity (To Cleanout): 0.10 ac-ft
--	--

	<b>3. Principle and emergency spillway elevations</b>
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	Principle spillway elevation: 6,173.0'
--	--

	Emergency spillway elevation: 6,174.0'
--	--

**4. Field Information:** Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on out slopes of embankment erosion/repairs, monitoring information, vegetation on out slopes of embankments, etc.

During the annual inspection, December 3, 2018, the vegetative was covered with snow with no signs of erosion. There are weeds and coal fines in the east inlet that need to be removed. See attached photographs.

**5. Field Evaluation:** Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

The sediment pond was dry. See the attached photograph. Sediment is approximately 12.5" below cleanout level.

<b>Qualified Statement</b>	
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I hereby certify that I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure, that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

<b>Signature:</b> <i>J. T. Paluso</i>	<b>Date:</b> <i>12/20/18</i>
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POND F



POND F WEEDS IN EAST INLET