

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

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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>May 13, 2019</u>
Mine Name :	<u>Wildcat Loadout</u>	Quarter / Year :	<u>2nd Quarter 2019</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=DNR, email=tmopaluso@preciscom.net, c=US
 Date: 2019.04.02 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



EAST DRAINAGE DITCH



WEST DRAINAGE DITCH



LOOKING SOUTH TOWARDS TOP OF REFUSE PILE

Sedimentation Pond Inspection

Date: May 13, 2019

Company/Mine Name: Wildcat Loadout-Coal Energy Group 2, LLC Permit No. C/007/0033

Pond Number: DEPRESSED AREA IMPOUNDMENT

A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)

Water ~ 18" WATER
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:

Inspected By

Name: J. Valuso 5/13/19

Sedimentation Pond Inspection

Date: May 13, 2019

Company/Mine Name: Wildcat Loadout-Coal Energy Group 2, LLC Permit No. C/007/0033

Pond Number: DEPRESSED AREA IMPOUNDMENT

A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)

Water ~ 18" WATER
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:

Inspected By

Name: J. Valuso 5/13/19



DEPRESSED AREA IMPOUNDMENT

Sedimentation Pond Inspection

Date: May 13, 2019

Company/Mine Name: Wildcat Loadout-Coal Energy Group 2, LLC 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 HAS LOTS OF WEEDS.

Inspected By

Name: J T Palusa 5/13/19



PERMANENT IMPOUNDMENT (UPPER CELL)



PERMANENT IMPOUNDMENT (LOWER CELL)

Sedimentation Pond Inspection

Date: May 13, 2019

Company/Mine Name: Wildcat Loadout-Coal Energy Group 2, LLC Permit No. C/007/0033

Pond Number: "A"

A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%) _____
Water _____
Sediment DRY
30" BELOW CLEANOUT LEVEL

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:

Inspected By

Name: J. J. Palumbo 5/13/19



POND A

Sedimentation Pond Inspection

Date: May 13, 2019

Company/Mine Name: Wildcat Loadout-Coal Energy Group 2, LLC Permit No. C/007/0033

Pond Number: "B"

A. Bank Stability

Incised 3/4
Embankment 1/4

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

DRY
21" BELOW CLEANOUT LEVEL

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:

EMERGENCY SPILLWAY HAS WEEDS.

Inspected By
Name: J. Palusa 5/13/19



POND B



POND B EMERGENCY SPILLWAY WEEDS

Sedimentation Pond Inspection

Date: May 13, 2019

Company/Mine Name: Wildcat Loadout-Coal Energy Group 2, LLC Permit No. C/007/0033

Pond Number: "C"

A. Bank Stability

Incised
Embankment

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

~ 24"
30.5" BELOW CLEANOUT LEVEL

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:

LOT OF WEEDS AT DISCHARGE PIPES.

Inspected By
Name: J J Paluso 5/13/19



POND C



POND C (WEEDS AT PRINCIPAL SPILLWAY OUTLET)

Sedimentation Pond Inspection

Date: May 13, 2019

Company/Mine Name: Wildcat Loadout-Coal Energy Group 2, LLC Permit No. C/007/0033

Pond Number: "D"

A. Bank Stability

- Incised
- Embankment

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

DRY
13 1/2" BELOW CLEANOUT LEVEL

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:

Inspected By

Name: J. J. Paluso 5/13/19



POND D

Sedimentation Pond Inspection

Date: May 13, 2019

Company/Mine Name: Wildcat Loadout-Coal Energy Group 2, LLC Permit No. C/007/0033

Pond Number: "E"

A. Bank Stability

- Incised
- Embankment

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

DRY
24" BELOW CLEANOUT LEVEL

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 IN SEDIMENT POND. THESE SHOULD BE REMOVED. WEST INLET HALF ROUND CULVERT IS BEING UNDER CUT AND NEEDS REPAIR.

Inspected By

Name: J. J. Paluso 5/13/19



POND E



POND E (TREES)

Sedimentation Pond Inspection

Date: May 13, 2019

Company/Mine Name: Wildcat Loadout-Coal Energy Group 2, LLC Permit No. C/007/0033

Pond Number: "F"

A. Bank Stability

Incised

Embankment

B. Capacity (0% / 100%)

Water

Sediment

DRY

13" BELOW CLEANOUT LEVEL

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:

Inspected By

Name: J J Palusz 5/13/19



POND F



POND E (WEST INLET EROSION)