

2019 Annual Report
To The Utah Division of Oil, Gas and Mining

Banning Loadout

C/007/034

Canyon Fuel Company, LLC

P.O. Box 1029

Wellington, UT 84542

March 12, 2020

Utah Coal Regulatory Program
Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84114-5801

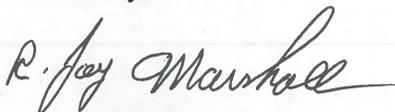
RE: 2019 Annual Report for Banning Loadout and Soldier Canyon Mine

To Whom It May Concern:

Please find attached to this e-mail a copy of the Annual Report for 2019 for the Banning Loadout.

If you have any questions or require further information, please contact me at (435) 636-2888.

Sincerely,



R. Jay Marshall
Engineering Manager

Attachments
cc. Seth McCourt

2019 ANNUAL REPORT

Submit the completed document and any additional information identified to the Division by March 31, 2020.

GENERAL INFORMATION

Company Name	Canyon Fuel Company, LLC	Mine Name	Banning Loadout
Permit Number	C/007/0034	Permit Expiration Date	October 24, 2023
Operator Name	SAME	Phone Number	+1 (435) 636-2888
Mailing Address	P.O. Box 1029	Email	rmarshall@wolverinefuels.com
City	Wellington		
State	Utah	Zip Code	84542

DOGM File Location or Annual Report Location

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

OPERATOR COMMENTS

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: AIR QUALITY

Objective: Review Emission Inventory

Frequency: While Active

Status: Not Active

Reports: While active, the emission inventory for the operation is submitted to the Utah Division of Environmental Health, Bureau of Air Quality. A copy of this emission inventory will be included in the annual report.

Citation: Chapter 4, page 4-10 and Chapter 5, page 5-13

Title: COAL SAMPLING

Objective: Monitor Coal Quality

Frequency: Annually while active

Status: Not Active

Reports: On an annual basis, all coal-quality monitoring data collected from the site during the previous year will be summarized and submitted to the Division. Raw data received from the laboratories will also be included, along with an interpretation of the analytical results and any proposals for changes in the monitoring plan. These data and interpretations will be included with the annual report that presents the surface - water data.

Citation: Chapter 6, page 6-5 and Chapter 7, page 7-11

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:

REVIEW COMMENTS Met Requirements Did Not Meet Requirements

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of 2	
Permit Number	<i>C/007/034</i>	Report Date	<i>6/04/19</i>
Mine Name	<i>Banning Loadout</i>		
Company Name	<i>Canyon Fuel Company, LLC</i>		
Impoundment Identification	Impoundment Name	<i>Banning Loadout Sedimentation Pond</i>	
	Impoundment Number	<i>None</i>	
	UPDES Permit Number	<i>UTG040011</i>	
	MSHA ID Number	<i>Impoundment -None (Loadout - 42-01756)</i>	
IMPOUNDMENT INSPECTION			
Inspection Date	<i>2/08/19</i>		
Inspected By	<i>Seth McCourt</i>		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	<i>Routine Quarterly Inspection</i>		
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p><i>There were no signs of instability, structural weakness or other hazardous conditions observed during this inspection.</i></p>			
<p>Required for an impoundment which functions as a SEDIMENTATION POND.</p>	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated a average elevation of existing sediment.</p> <p><i>Sediment Storage Capacity - 100% = 0.27 acre-feet @ an elevation of 5,487.8 feet</i> <i>- 60% = 0.16 acre-feet @ an elevation of 5,486.6 feet</i></p> <p><i>The existing sediment level was measured on 07/17/2018 and found to be at an average elevation of 5,486.25 feet or 0.35 feet below the established cleanout elevation. Approximately 2" of water in the pond made it impossible to physically measure the sediment level.</i></p>		
	<p>3. Principle and emergency spillway elevations.</p> <p><i>Principal Spillway Elevation - 5,494.2 feet</i> <i>Emergency Spillway Elevation - 5,495.1 feet</i></p>		
<p>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 embankments, etc.</p> <p><i>At the time of the inspection, the pond had about 2" of snow in it. To date, there has been no discharge from this pond.</i></p>			

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 spraying efforts, intended to eliminate the tamarisk trees within the bottom of the pond, have been somewhat successful in the past. However, new growth was observed this spring and an additional application of herbicide was applied in July 2018.

Qualification Statement

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: _____ **Date:** _____

CERTIFIED REPORT

IMPOUNDMENT EVALUATION (if NO, explain under Comments)

YES

NO

1. Is impoundment designed and constructed in accordance with the approved plan?

X

2. Is impoundment free of instability, structural weakness, or any other hazardous condition?

X

3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?

X

COMMENTS AND OTHER INFORMATION

Certification Statement:

[PE Cert. Stamp]

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify 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 or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: _____
(Full Name and Title)

Signature: _____ **Date:** _____

P.E. Number & State: _____

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of 2	
Permit Number	C/007/034	Report Date	7/11/19
Mine Name	Banning Loadout		
Company Name	Canyon Fuel Company, LLC		
Impoundment Identification	Impoundment Name	Banning Loadout Sedimentation Pond	
	Impoundment Number	None	
	UPDES Permit Number	UTG040011	
	MSHA ID Number	Impoundment -None (Loadout - 42-01756)	
IMPOUNDMENT INSPECTION			
Inspection Date	5/03/19		
Inspected By	Seth McCourt		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Routine Quarterly Inspection		
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p><i>There were no signs of instability, structural weakness or other hazardous conditions observed during this inspection.</i></p>			
Required for an impoundment which functions as a SEDIMENTATION POND.	<p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p><i>Sediment Storage Capacity - 100% = 0.27 acre-feet @ an elevation of 5,487.8 feet</i> <i>- 60% = 0.16 acre-feet @ an elevation of 5,486.6 feet</i></p> <p><i>The existing sediment level was measured on 07/17/2018 and found to be at an average elevation of 5,486.25 feet or 0.35 feet below the established cleanout elevation. At the time of the inspection there was no water impounded.</i></p>		
	<p>3. Principle and emergency spillway elevations.</p> <p><i>Principal Spillway Elevation - 5,494.2 feet</i> <i>Emergency Spillway Elevation - 5,495.1 feet</i></p>		
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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.

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Signature: *[Signature]* Date: 7/14/19

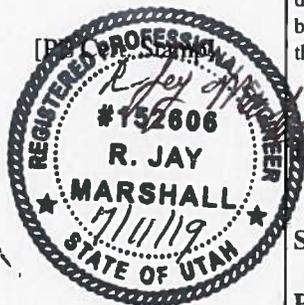
CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	X	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	X	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	X	

COMMENTS AND OTHER INFORMATION

Certification Statement:

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By: Robert Jay Marshall Engineering Manager
(Full Name and Title)

Signature: *[Signature]* Date: 7/11/19

P.E. Number & State: 152606

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of 2	
Permit Number	C/007/034	Report Date	10/21/19
Mine Name	Banning Loadout		
Company Name	Canyon Fuel Company, LLC		
Impoundment Identification	Impoundment Name	Banning Loadout Sedimentation Pond	
	Impoundment Number	None	
	UPDES Permit Number	UTG040011	
	MSHA ID Number	Impoundment -None (Loadout - 42-01756)	
IMPOUNDMENT INSPECTION			
Inspection Date	9/03/19		
Inspected By	Seth McCourt		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Routine Quarterly Inspection		
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p><i>There were no signs of instability, structural weakness or other hazardous conditions observed during this inspection.</i></p>			
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	<p>3. Principle and emergency spillway elevations.</p> <p><i>Principal Spillway Elevation - 5,494.2 feet</i> <i>Emergency Spillway Elevation - 5,495.1 feet</i></p>		
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Signature:  Date: 10/21/19

CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)

	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	X	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	X	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	X	

COMMENTS AND OTHER INFORMATION

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By: _____
(Full Name and Title)

Signature: _____ Date: _____

P.E. Number & State: _____

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of 2	
Permit Number	C/007/034	Report Date	1/17/20
Mine Name	Banning Loadout		
Company Name	Canyon Fuel Company, LLC		
Impoundment Identification	Impoundment Name	Banning Loadout Sedimentation Pond	
	Impoundment Number	None	
	UPDES Permit Number	UTG040011	
	MSHA ID Number	Impoundment -None (Loadout - 42-01756)	
IMPOUNDMENT INSPECTION			
Inspection Date	11/11/19		
Inspected By	Seth McCourt		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Routine Quarterly Inspection		
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Signature: *R. J. Marshall* *Per Seth Meacham* Date: 3/12/20

CERTIFIED REPORT

IMPOUNDMENT EVALUATION (IF NO, explain under Comments)

YES

NO

- | | | |
|--|----------|--|
| 1. Is impoundment designed and constructed in accordance with the approved plan? | X | |
| 2. Is impoundment free of instability, structural weakness, or any other hazardous condition? | X | |
| 3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection? | X | |

COMMENTS AND OTHER INFORMATION

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[PE Cert. Stamp]

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By: _____
(Full Name and Title)

Signature: _____ Date: _____

P.E. Number & State: _____