

**Canyon Fuel Company, LLC**  
**Dugout Canyon Mine**  
P.O. Box 1029  
Wellington, Utah 84542



March 20, 2014

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

RE: 2013 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 2013 for both the Banning Loadout and Soldier Canyon Mine. The Dugout Canyon Mine annual report will be submitted in a separate e-mail along with a mailed copy.

Should you have any questions concerning this submittal, please contact me at (435) 636-2898 or Dave Spillman at (435) 636-2872.

Sincerely,

A handwritten signature in black ink that reads "Robert Jones". The signature is written in a cursive style with a large, prominent 'R' and 'J'.

Robert Jones

cc: Chris Hansen  
Dave Spillman

Print Form

Submit by Email

Reset Form

# Annual Report

This Annual Report shows information the Division has for your mine. Submit the completed document and any additional information identified in the Appendices to the Division by the date specified in the cover letter. During a complete inspection an inspector will check and verify the information.

## GENERAL INFORMATION

Company Name	Canyon Fuel Company, LLC	Mine Name	Banning Loadout
Permit Number	C/007/0034	Permit expiration Date	October 24, 2018
Operator Name	Same	Phone Number	+1 (435) 637-6360
Mailing Address	PO Box 1029	Email	dspillman@bowieresources.com
City	Wellington		
State	UT	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	Attached
Other:		

## OPERATOR COMMENTS

## REVIEWER COMMENTS

Met Requirements       Did Not meet Requirements

## 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

**APPENDIX A**

**Certified Reports**

**Excess Spoil Piles**

**Refuse Piles**

**Impoundments**

**As required under R645-301-514**

**CONTENTS**

**Impoundment Inspections**

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of 2	
Permit Number	C/007/034	Report Date	03/14/13
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	03/08/13		
Inspected By	David G. Spillman		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Routine Quarterly Inspection & Annual Certification		
<p><b>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</b></p> <p><i>There were no signs of instability, structural weakness or other hazardous conditions observed during this inspection.</i></p>			
<p><b>Required for an impoundment which functions as a SEDIMENTATION POND.</b></p>	<p><b>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</b></p> <p><i>Sediment Storage Capacity - 100% = 0.27 acre-feet @ an elevation of 5,487.8 feet</i></p> <p><i>- 60% = 0.16 acre-feet @ an elevation of 5,486.6 feet</i></p> <p><i>The existing sediment level was observed to be well below the established sediment cleanout marker.</i></p>		
	<p><b>3. Principle and emergency spillway elevations.</b></p> <p><i>Principal Spillway Elevation - 5,494.2 feet</i></p> <p><i>Emergency Spillway Elevation - 5,495.1 feet</i></p>		
<p><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 embankments, etc.</p> <p><i>At the time of the inspection, the pond did not contain any impounded water.</i></p> <p><i>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.

*At the time of the inspection, the outlet of the primary spillway CMP was observed to contain some accumulated sediment. This sediment should be removed.*

**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:** \_\_\_\_\_

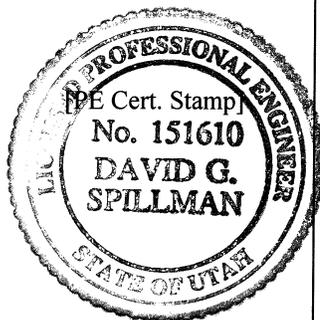
**CERTIFIED REPORT**

**IMPOUNDMENT EVALUATION (If NO, explain under Comments)**

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

**COMMENTS AND OTHER INFORMATION**

**Certification Statement:**



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:** David G. Spillman, Technical Services Manager  
(Full Name and Title)

**Signature:** David G. Spillman **Date:** 03/14/13

**P.E. Number & State:** No. 151610, State of Utah

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of 2	
Permit Number	C/007/034	Report Date	05/07/13
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	05/06/13		
Inspected By	John Hannert		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Routine Quarterly Inspection		
<p><b>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</b></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><b>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</b></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 observed to be well below the established sediment cleanout marker.</i></p>		
	<p><b>3. Principle and emergency spillway elevations.</b></p> <p><i>Principal Spillway Elevation - 5,494.2 feet</i>  <i>Emergency Spillway Elevation - 5,495.1 feet</i></p>		
<p><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 embankments, etc.</p> <p><i>At the time of the inspection, the pond did not contain any impounded water.</i></p> <p><i>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.

*At the time of the annual inspection, the outlet of the primary spillway CMP was observed to contain some accumulated sediment. All accumulated sediment has been cleaned at this time.*

**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: 05/07/2013

**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]

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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	07/04/13
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	07/04/13		
Inspected By	Robert Jones		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Routine Quarterly Inspection		
<p><b>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</b></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><b>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</b></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 observed to be well below the established sediment cleanout marker.</i></p>		
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Signature: Robert Jones Date: 7/4/13

**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	

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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	10/17/13
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	10/01/13		
Inspected By	Robert Jones		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Routine Quarterly Inspection.		
<p><b>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</b></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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*Tamarisk trees were removed during routine maintenance.*

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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]

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By: Robert Jones, Mining Engineer  
(Full Name and Title)

Signature: Robert Jones Date: 10/17/13

P.E. Number & State: \_\_\_\_\_