

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of	
Permit Number	ACT/007/013	Report Date	12/10/2021
Mine Name	Lila Canyon		
Company Name	Emery County Coal Resources		
Impoundment Identification	Impoundment Name	Sediment Pond #1 Large	
	Impoundment Number	Pond #1	
	UPDES Permit Number	UTG 040024	
	MSHA ID Number	42-02241	
<b>IMPOUNDMENT INSPECTION</b>			
Inspection Date	12/9/2021		
Inspected By	Jesse Candelaria		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	4th Quarter		
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>No appearance of instability, structural weakness, or any other hazardous condition was observed at the time of inspection.</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>Sediment Elevations:</p> <p style="margin-left: 100px;">60%    5843.6'</p> <p style="margin-left: 100px;">100%   5847.7'</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p style="margin-left: 100px;">Principle    5853.0'</p> <p style="margin-left: 100px;">Emergency    5854.0'</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 outslopes of embankments, etc.

There is currently a small amount of water in the pond from recent rains. The pond will not discharge in the near future. Inlet and outlet both in good shape and decant valve was tested and opened as designed. Slopes are in good condition and are well vegetated.

**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.

No Changes. Pond only has a small amount of water in it from rain. Sediment marker is painted on side of risers.

Sediment levels were surveyed by Ware Surveying LLC in December 2021. Current sediment level is 5838.8'.

**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:       Jesse Coakle       Date:       12-10-21      

**CERTIFIED REPORT**

IMPOUNDMENT EVALUATION (If NO, explain under Comments)

YES

NO

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

COMMENTS AND OTHER INFORMATION

NONE

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: Robert Jay Marshall  
 (Full Name and Title)

Signature: R. Jay Marshall Date: 12/16/21

P.E. Number & State: 152606 Utah