

**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



**Quarterly Inspection Form - Refuse Disposal Areas**

(please provide to DOGM promptly after inspection is complete)

Permit Number : C/025/0005 Inspection Date : 06/18/2018  
 Mine Name : Coal Hollow Project Quarter / Year : 2nd / 2018  
 Mine Operator (Permittee) : Alton Coal Development Inspector Name : Dan W. Guy  
 MSHA ID # : 42-02519 Inspector Signature : *[Handwritten Signature]*  
 Facility Name / Location / Address : 2060 South Alton Road, Alton, UT 84710

1. Describe any changes in the geometry of the structure (as well as instrumentation, if any, used to monitor changes):  
 Most of Main Pile has been removed. Remaining material will be removed during final borrow operation. Pile is regraded, subsoiled and seeded.

2. Lift Height / Thickness Avg 4.0' Maximum 4.0' # \_\_\_\_\_ Elevation of Active Benches : 6918 , \_\_\_\_\_ , \_\_\_\_\_  
 3. Vertical Angle of Outslope(s) / Location(s) where measured 3H:1V Avg. / No. Slope / So. Slope / \_\_\_\_\_  
 4. Total storage capacity: 8,600,000 cy Remaining storage capacity 8,211,000 cy Volume placed during year : 0  
 5. Describe foundation preparation (including removal of vegetation, stumps, topsoil, and all other organic material) :  
 Topsoil and subsoil removed and stored on site.

6. Describe placement and compaction of fill materials (including an explanation of how compaction is confirmed) :  
 Dumped by truck / Pushed by dozer / Compaction primarily from large trucks / Tested with nuclear density unit.

7. Is there any evidence of fires or burning on the structure ? (If YES, specify extent, location, and abatement/extinguishment of such fires) :  
 None

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

9. Describe any appearances of instability, structural weakness, or other hazardous conditions :  
 No instability noted. Most of pile has been removed.

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) ? No

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

Proctor Determination : 88% minimum - 98% maximum compaction as determined by nuclear density tests on 5/13/13.

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)

IMPOUNDMENT INSPECTION AND REPORT		
Permit Number	C/025/0005	6/18/2018
Mine Name	Coal Hollow Mine	
Company Name	Alton Coal Development, LLC	
Impoundment Identification	Impoundment Name	Pond 1
	Impoundment Number	Pond 1
	MSHA Mine ID Number	42-02519
IMPOUNDMENT INSPECTION		
Inspection Date	18-Jun-08	
Inspected By	Kirk Nicholes / Dan Guy / Andrew Christensen	
Reason for Inspection (Annual, Quarterly or Other Periodic Inspections, Critical Installation, or Completion of Construction)	Annual Inspection.	
1. Describe any appearance of any instability, structural weakness, or any other hazardous condition. N/A - None Noted.		
Required for an impoundment which functions as a SEDIMENTATION POND.	2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and estimated average elevation of existing sediment. Sediment Storage Capacity: 60 % Elevation: 6912 (1.26') 100% Elevation: 6913 (2.03')  The pond has been cleaned. It contained approximately 6.0' of water at the time of the inspection. The sediment marker has not been reset yet; however, the field observation shows the sediment level to be well below the cleanout level. The pond bottom and sediment level is approximately at elevation 6911.0.	
	3. Principle and emergency spillway elevations. Principle and Emergency Spillway Elevation: 6920 feet (The outlet structure for Pond 1 serves as both the Principle and Emergency Spillways) Total volume of pond at Spillway: 3.16 Acre-Feet (Elev. 6920.00') Required runoff storage: 2.57 Acre-Feet	

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 decanting, embankment erosion/repairs, monitoring information, vegetation on outlooses of embankments, etc.

The water level is at elevation 6917. Embankments appear to be stable. The pond has been cleaned and appears to be functioning properly. Material cleaned from the pond is temporarily stored around the outer embankments and will be removed as it dries. There was no inflow, and the pond was not discharging at the time of the inspection.

5. **Field Evaluation.** Describe any changes in the geometry of the 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 main change noted in the structure during the 2nd quarter of 2018 was that the pond has been cleaned, as required. The water level was also down from the previous inspection. Since this is the annual inspection, this certification will also serve as the post-cleaning recertification.

**Certification 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, or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.



**By:**

Dan W. Guy, P.E.

Signature: Dan W. Guy

Date: 6/18/18

<b>IMPOUNDMENT INSPECTION AND REPORT</b>			
<b>Permit Number</b>	C/025/0005	<b>Report Date</b>	06/18/2018
<b>Mine Name</b>	Coal Hollow Mine		
<b>Company Name</b>	Alton Coal Development, LLC		
<b>Impoundment Identification</b>	<b>Impoundment Name</b>	Pond 1B	
	<b>Impoundment Number</b>	Pond 1B	
	<b>MSHA Mine ID Number</b>	42-02519	
<b>IMPOUNDMENT INSPECTION</b>			
<b>Inspection Date</b>	18-Jun-18		
<b>Inspected By</b>	Kirk Nicholes / Dan Guy / Andrew Christensen		
<b>Reason for Inspection</b> (Annual, Quarterly or Other Periodic Inspections, Critical Installation, or Completion of Construction)	Annual Inspection.		
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>N/A - No appearance of any instability, structural weakness or other hazardous condition was noted.</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 Storage Capacity:  60 % Elevation: 6900.00 (6.00')  100% Elevation: 6902.08 (8.08')</p> <p>The pond contained approximately 6.0' of water at the time of the inspection. The sediment marker is in place. The sediment elevation is approximately 6894.3.</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Principle and Emergency Spillway Elevation: 6906.45 feet (The outlet structure for Pond 1B serves as both the Principle and Emergency Spillways)</p> <p>Total volume of pond at Spillway: 0.894 Acre-Feet (Elev. 6906.45)</p> <p>Required runoff storage: 0.50 Acre-Feet</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 decanting, embankment erosion/repairs, monitoring information, vegetation on out slopes of embankments, etc.

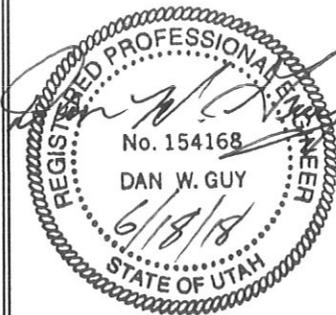
The water level is approximately at elevation 6900.3. There are 2 inlets to the pond - both have been previously rip-rapped and are operating properly. There is a small delta of sediment accumulation below the northwest inlet. The outlet is also open and functional. There was no inflow and no discharge at the time of the inspection.

5. **Field Evaluation.** Describe any changes in the geometry of the 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 changes noted since the last inspection include a decrease in the water level, and a slight increase in the sediment level. The pond appears to be stable and operating properly.

**Certification 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, or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.



**By:**

Dan W. Guy, P.E.

Signature: Dan W. Guy

Date: 6/18/18

IMPOUNDMENT INSPECTION AND REPORT		
Permit Number	C/025/0005	6/18/2018
Mine Name	Coal Hollow Mine	
Company Name	Alton Coal Development, LLC	
Impoundment Identification	Impoundment Name	Pond 2
	Impoundment Number	Pond 2
	MSHA Mine ID Number	42-02519
IMPOUNDMENT INSPECTION		
Inspection Date	18-Jun-18	
Inspected By	Kirk Nicholes / Dan Guy / Andrew Christensen	
Reason for Inspection (Annual, Quarterly or Other Periodic Inspections, Critical Installation, or Completion of Construction)	Annual Inspection.	
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>N/A - No appearance of any instability, structural weakness or other hazardous condition was noted.</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 Storage Capacity:  60 % Elevation: 6892.1 (3.10')  100% Elevation: 6893.5 (4.50')</p> <p>The pond contained approximately 0.5' of water at the time of the inspection. The sediment marker is in place, and field observation shows the sediment level to be well below the cleanout elevation. The approximate sediment elevation is 6889.0.</p>	
	<p>3. Principle and emergency spillway elevations.</p> <p>Principle and Emergency Spillway Elevation: 6900 feet (The outlet structure for Pond 2 serves as both the Principle and Emergency Spillways)  Total volume of pond at Spillway: 2.675 Acre-Feet (Elev. 6901.09')  Required runoff storage: 1.71 Acre-Feet</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 decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

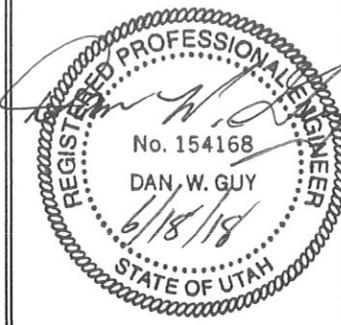
The water level is approximately at elevation 6889.5. The single pond inlet is rip-rapped. There was no inflow and no discharge at the time of the inspection.

5. **Field Evaluation.** Describe any changes in the geometry of the 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 only noted change to the pond noted since the last inspection was that the pond now contained less water. The pond appears to be stable and operating properly.

**Certification 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, or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.



**By:**

Dan W. Guy, P.E.

Signature: Dan W. Guy

Date: 6/18/18

IMPOUNDMENT INSPECTION AND REPORT		
Permit Number	C/025/0005	6/18/2018
Mine Name	Coal Hollow Mine	
Company Name	Alton Coal Development, LLC	
Impoundment Identification	Impoundment Name	Pond 3
	Impoundment Number	Pond 3
	MSHA Mine ID Number	42-02519
IMPOUNDMENT INSPECTION		
Inspection Date	18-Jun-18	
Inspected By	Kirk Nicholes / Dan Guy / Andrew Christensen	
Reason for Inspection (Annual, Quarterly or Other Periodic Inspections, Critical Installation, or Completion of Construction)	Annual Inspection.	
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>None Noted.</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 Storage Capacity:  60 % Elevation: 6805.0 (4.0')  100% Elevation: 6807.0 (6.0')</p> <p>The pond was nearly dry at the time of the inspection, with only small puddles of water in the upper area. The sediment marker is in place, and field observation shows the average sediment level to be below the cleanout elevation. The approximate average sediment elevation is 6804.5.</p>	
	<p>3. Principle and emergency spillway elevations.</p> <p>Principle and Emergency Spillway Elevation: 6811 feet (The outlet structure for Pond 3 serves as both the Principle and Emergency Spillways)  Total volume of pond at Spillway: 12.60 Acre-Feet (Elev. 6811.00')  Required runoff storage: 6.30 Acre-Feet  Decant Elevation: 6808.0</p>	

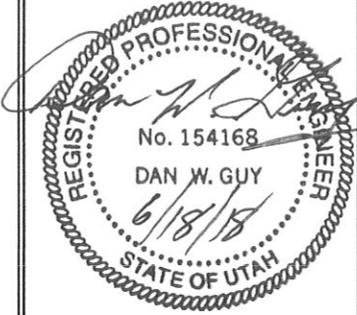
4. **Field Information.** Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions or other related activities associated with the pond decanting, embankment erosion/repairs, monitoring information, vegetation on outlopes of embankments, etc.

Cleaning of the pond sediment has been started in both the upper and lower portions, and will be completed as the pond continues to dry. There were only small puddles of water in the upper area at the time of the inspection. The inlet, spillway and decant are all open and operational. There was no inflow and no discharge at the time of the inspection.

5. **Field Evaluation.** Describe any changes in the geometry of the 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 noted changes since the last inspection include a decrease in the water level, and the pond is now in the early stages of cleaning. The pond and the dam appear to be stable and are operating properly.

**Certification 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, or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

**By:**

Dan W. Guy, P.E.

Signature:

A handwritten signature in black ink that reads "Dan W. Guy".

Date:

6/18/18

IMPOUNDMENT INSPECTION AND REPORT			
Permit Number	C/025/0005	Report Date 06/18/2018	
Mine Name	Coal Hollow Mine		
Company Name	Alton Coal Development, LLC		
Impoundment Identification	Impoundment Name	Pond 4	
	Impoundment Number	Pond 4	
	MSHA Mine ID Number	42-02519	
IMPOUNDMENT INSPECTION			
Inspection Date	18-Jun-18		
Inspected By	Kirk Nicholes / Dan Guy / Andrew Christensen		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspections, Critical Installation, or Completion of Construction)	Annual Inspection.		
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>No instability of the embankment or hazardous condition was noted during the 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 Storage Capacity:  60 % Elevation: 6829.0 (7.0')  100% Elevation: 6830.0 (8.0')</p> <p>The pond contained approximately 1.0' of water in the upper cell and the lower cell was dry. The sediment marker is in place, and field observation shows the sediment level to be well below the cleanout elevation. The bottom of pond and approximate sediment elevation is 6827.2.</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Principle and Emergency Spillway Elevation: 6834 feet (The outlet structure for Pond 4 serves as both the Principle and Emergency Spillways)</p> <p>Total volume of pond at Spillway: 5.50 Acre-Feet (Elev. 6834.00')</p> <p>Required runoff storage: 3.80 Acre-Feet</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 decanting, embankment erosion/repairs, monitoring information, vegetation on outlopes of embankments, etc.

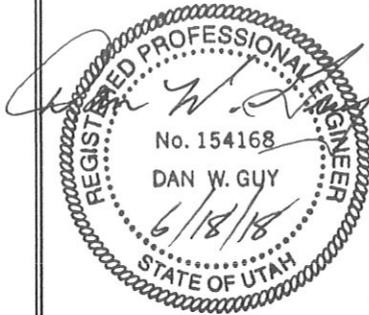
The average water elevation is approximately 6828.2. The open-channel spillway is in place and rip-rapped. No discharge.

5. **Field Evaluation.** Describe any changes in the geometry of the 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 only change noted since the last inspection is a slight decrease in the water level in the upper cell and the lower cell was dry. The pond appears to be stable and operating properly. There was no inflow and no discharge at the time of the inspection.

**Certification 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, or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.



**By:**

Dan W. Guy, P.E.

Signature: Dan W. Guy

Date: 6/18/18

<b>IMPOUNDMENT INSPECTION AND REPORT</b>			
<b>Permit Number</b>	C/025/0005	<b>06/18/2018</b>	
<b>Mine Name</b>	Coal Hollow Mine		
<b>Company Name</b>	Alton Coal Development, LLC		
<b>Impoundment Identification</b>	<b>Impoundment Name</b>	Pond 5	
	<b>Impoundment Number</b>	Pond 5	
	<b>MSHA Mine ID Number</b>	42-02519	
<b>IMPOUNDMENT INSPECTION</b>			
<b>Inspection Date</b>	<b>18-Jun-18</b>		
<b>Inspected By</b>	Kirk Nicholes / Dan Guy / Andrew Christensen		
<b>Reason for Inspection</b> (Annual, Quarterly or Other Periodic Inspections, Critical Installation, or Completion of Construction)	Annual Inspection.		
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>No instability of the embankment or hazardous condition was noted during the 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 Storage Capacity:  60 % Elevation: 6843.0 (3.00')  100% Elevation: 6844.0 (4.00')</p> <p>The pond had approximately 1.0' of water at the time of inspection . The sediment marker is in place, and field observation shows the sediment level to be well below the cleanout elevation. The bottom of pond and approximate sediment elevation is 6841.0.</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Principle Spillway Elevation: 6848 feet  Emergency Spillway Elevation: 6849 feet  Total volume of pond at Spillway: 1.43 Acre-Feet (Elev. 6848.00')  Required runoff storage: 1.28 Acre-Feet</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 decanting, embankment erosion/repairs, monitoring information, vegetation on outlopes of embankments, etc.

The water level is approximately at elevation 6842.0. The inlets and outlet are open and appear to be operating properly. No inflow or discharge at the time of the inspection.

5. **Field Evaluation.** Describe any changes in the geometry of the 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 only noted change to the pond since the last inspection is a decrease in the water level. The pond and embankment appear to be stable.

**Certification Statement**

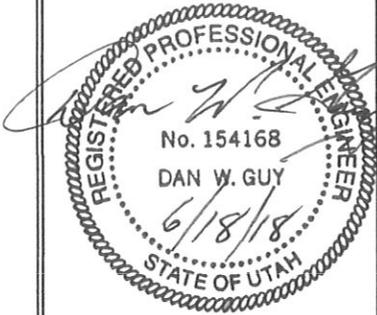
I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the 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, or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

**By:**

Dan W. Guy, P.E.

Signature: *Dan W. Guy*

Date: 6/18/18



<b>IMPOUNDMENT INSPECTION AND REPORT</b>			
<b>Permit Number</b>	C/025/0005	<b>Report Date</b>	06/18/2018
<b>Mine Name</b>	Coal Hollow Mine		
<b>Company Name</b>	Alton Coal Development, LLC		
<b>Impoundment Identification</b>	<b>Impoundment Name</b>	Pond 6	
	<b>Impoundment Number</b>	Pond 6	
	<b>MSHA Mine ID Number</b>	42-02519	
<b>IMPOUNDMENT INSPECTION</b>			
<b>Inspection Date</b>	18-Jun-18		
<b>Inspected By</b>	Kirk Nicholes / Dan Guy / Andrew Christensen		
<b>Reason for Inspection</b> (Annual, Quarterly or Other Periodic Inspections, Critical Installation, or Completion of Construction)	Annual Inspection.		
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>No instability of the embankment or hazardous condition was noted during the 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 Storage Capacity:  60 % Elevation: 6860.0 (5.00')  100% Elevation: 6861.0 (6.00')</p> <p>The pond was dry at the time of inspection . The sediment marker is in place, and field observation shows the sediment level to be well below the cleanout elevation. The bottom of pond and approximate sediment elevation is 6855.0.</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Principle Spillway Elevation: 6866 feet  Emergency Spillway Elevation: 6867 feet  Total volume of pond at Spillway: 3.36 Acre-Feet (Elev. 6866.00')  Required runoff storage: 1.43 Acre-Feet</p>		

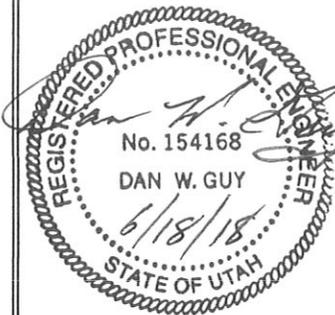
4. **Field Information.** Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions or other related activities associated with the pond decanting, embankment erosion/repairs, monitoring information, vegetation on outlopes of embankments, etc.

The pond was dry at the time of inspection. The inlets and outlet are open and functional. No inflow or discharge at the time of the inspection.

5. **Field Evaluation.** Describe any changes in the geometry of the 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 have been no changes since the last inspection. The pond and embankment appear to be stable and operating properly.

**Certification 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, or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

**By:**

Dan W. Guy, P.E.

Signature: Dan W. Guy Date: 6/18/18

<b>IMPOUNDMENT INSPECTION AND REPORT</b>			
<b>Permit Number</b>	C/025/0005	<b>Report Date</b>	06/18/2018
<b>Mine Name</b>	Coal Hollow Mine		
<b>Company Name</b>	Alton Coal Development, LLC		
<b>Impoundment Identification</b>	<b>Impoundment Name</b>	Pond 7	
	<b>Impoundment Number</b>	Pond 7	
	<b>MSHA Mine ID Number</b>	42-02519	
<b>IMPOUNDMENT INSPECTION</b>			
<b>Inspection Date</b>	18-Jun-18		
<b>Inspected By</b>	Kirk Nicholes / Dan Guy / Andrew Christensen		
<b>Reason for Inspection</b> (Annual, Quarterly or Other Periodic Inspections, Critical Installation, or Completion of Construction)	Annual Inspection.		
<p>1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.</p> <p>No instability of the embankment or hazardous condition was noted during the 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 Storage Capacity:  60 % Elevation: 6843.79 (4.79')  100% Elevation: 6844.91 (5.91')</p> <p>There was an average of approximately 2' of water in the pond at the time of inspection. The sediment marker is in place, and field observation shows the sediment level to be well below the cleanout elevation. The bottom of pond and approximate sediment elevation is 6839.0.</p>		
	<p>3. Principle and emergency spillway elevations.</p> <p>Principle Spillway Elevation: 6848.00  Emergency Spillway Elevation: 6849.00  Total volume of pond at principle spillway: 12.97 Acre-Feet (Elev. 6848.00)  Required runoff storage: 7.11 Acre-Feet</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 decanting, embankment erosion/repairs, monitoring information, vegetation on outlopes of embankments, etc.

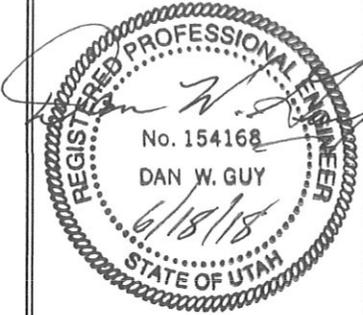
The pond contained approximately 2.0' of water at the time of inspection. Average water elevation is approximately 6841.0. Inlet and outlet structures appear to be open and functioning properly. There was no inflow and no discharge at the time of the inspection.

5. **Field Evaluation.** Describe any changes in the geometry of the 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 only change noted since the last inspection is a slight increase in the water level. The pond appears to be stable and operating properly.

**Certification 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, or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.



**By:**

Dan W. Guy, P.E.

Signature: Dan W. Guy

Date: 6/18/18