



OGMCOAL DNR <ogmcoal@utah.gov>

Fwd: FW: Ponds A, B,C and D Pond Certification

Daron Haddock <daronhaddock@utah.gov>
To: OGMCOAL DNR <ogmcoal@utah.gov>

Thu, May 28, 2015 at 10:24 AM

----- Forwarded message -----

From: **Pete Hess** <petehess@utah.gov>
Date: Thu, May 28, 2015 at 8:07 AM
Subject: Fwd: FW: Ponds A, B,C and D Pond Certification
To: Daron Haddock <daronhaddock@utah.gov>, Steve Christensen <stevechristensen@utah.gov>, Kit Pappas <Kit@emerytelcom.net>

These pond inspections with P.E. certifications for ponds A, B, C, and D at Wildcat were necessary to meet the requirement of R645-301-514.312 after the sediment had been removed (i.e., pond cleanouts). These have also been saved to the "O" drive under C/007/033 so that the next assigned inspector has them available. Tom Paluso did the inspections/certifications. I'm telling you this because I've already completed the second quarter complete inspection with that report for Wildcat.

This completes the requirements of 514.312 to "promptly, after each inspection, provide to the Division a certified report that the impoundment has beenmaintained as designed in accordance with the approved design and the R645 Coal Mining Rules".

Thanks.

----- Forwarded message -----

From: **Kit Pappas** <kit@emerytelcom.net>
Date: Wed, May 27, 2015 at 2:46 PM
Subject: FW: Ponds A, B,C and D Pond Certification
To: Pete Hess <petehess@utah.gov>

Pete,

As requested, here are the Pond Certifications from Tom Paluso.

Thanks,

Kit

John C. (Kit) Pappas

1646 East Castle Circle

Price, Utah 84501

Phone: Home 435-637-2096

Mobile 435-650-7339

Email: kit@emerytelcom.net

kitpappas@gmail.com

From: tompaluso@preciscom.net
Sent: [hgqhvqd | # d | # 5 : / # 348 # 5 = < # P](#)
To: [N | # S d s s d v](#)
Subject: [# S r q g v # D / # E / # d g g # 3 # S r q g # F h w i l l f d w i r q](#)

Kit:

Here are the certifications for ponds A, B, C, and D as per Pete's request. Please let me know if you have any questions.

Tom

J. T. Paluso, P. E.

Chief Engineer

EIS Environmental & Engineering Consulting

31 North Main Street

Helper, UT 84526

Phone: [435-472-3814](tel:435-472-3814), [800-641-2927](tel:800-641-2927)

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Daron R. Haddock

Coal Program Manager

Utah Division of Oil, Gas & Mining

[\(801\) 538-5325](tel:8015385325)

5 attachments



Certification.htm

1K



Sediment Pond D.pdf

877K



Sediment Pond A.pdf

799K



Sediment Pond B.pdf

685K



Sediment Pond C.pdf

735K

1. IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of 2	
Permit Number:	ACT/015/025	Report Date: May 26, 2015	
Mine Name:	Wildcat Loadout		
Company Name	Wild West Equipment & Hauling, LLC		
Impoundment Identification:	Impoundment Name	Sediment Pond "A"	
	Impoundment Number:	A	
	UPDES Permit Number:	UTG040007	
	MSHA ID Number:	42-01864	
IMPOUNDMENT INSPECTION			
Inspection Date:	April 13, 2015		
Inspected By:	J.T. Paluso		
Reason for Inspection:	Annual Inspection		
(Annual, Quarterly or other Periodic Inspection, Critical Installation or Completion of Construction)			
1. Describe any appearances of any instability, structural weakness, or any other hazardous condition.			
The pond's dam shows no signs of structural instability or other hazardous conditions.			
Required for an impoundment which functions as a SEDIMENTATION POND	2. Sediment storage capacity and storage volumes.		
	Existing Storage Capacity: 2.9 ac-ft		
	Existing Sediment Storage Capacity (To Cleanout): .85 ac-ft		
	3. Principle and emergency spillway elevations		
	Principle spillway elevation: 6,149.0'		
	Emergency spillway elevation: 6,150.0'		
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 embankment erosion/repairs, monitoring information, vegetation on out slopes of embankments, etc.			
During the quarterly inspection, April 13, 2015, the vegetative cover looked good with no signs of erosion. Both spillways look good with no signs of stability problems.			
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 sediment pond is dry and the excess sediment has been removed, see the attached photograph. Sediment is approximately 34" below cleanout level.			
Qualified 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: <i>J.T. Paluso</i>		Date: <i>5/26/15</i>



POND A

1. IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Page 1 of 2	
Permit Number:	ACT/015/025	Report Date: May 26, 2015	
Mine Name:	Wildcat Loadout		
Company Name	Wild West Equipment & Hauling, LLC		
Impoundment Identification:	Impoundment Name	Sediment Pond "B"	
		B	
	UPDES Permit Number:	UTG040007	
	MSHA ID Number:	42-01864	

IMPOUNDMENT INSPECTION			
Inspection Date:	April 13, 2015		
Inspected By:	J.T. Paluso		
Reason for Inspection:	Annual Inspection		
(Annual, Quarterly or other Periodic Inspection, Critical Installation or Completion of Construction)			

1. Describe any appearances of any instability, structural weakness, or any other hazardous condition.

The pond's dam shows no signs of structural instability or other hazardous conditions.

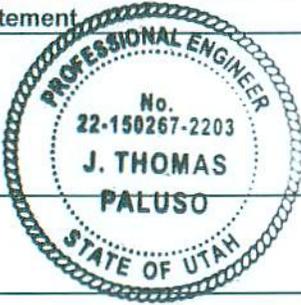
Required for an impoundment which functions as a SEDIMENTATION POND	2. Sediment storage capacity and storage volumes.
	Existing Storage Capacity: 0.41 ac-ft
	Existing Sediment Storage Capacity (To Cleanout): 0.24 ac-ft
	3. Principle and emergency spillway elevations
	Principle spillway elevation: 6,138.0'
	Emergency spillway elevation: 6,139.0'

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 embankment erosion/repairs, monitoring information, vegetation on out slopes of embankments, etc.

During the quarterly inspection, April 13, 2015, the vegetative cover looked good with no signs of erosion.

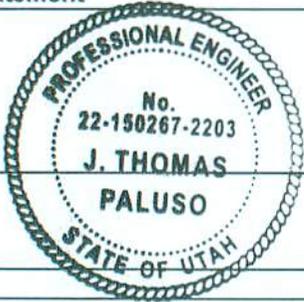
5. Field Evaluation: Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

The sediment pond was dry and the excess sediment has been removed, see the attached photograph. Sediment is 38" below cleanout level.

Qualified 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: <i>J. Paluso</i> Date: <i>5/26/15</i>

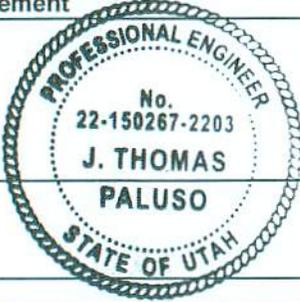


POND B

1. IMPOUNDMENT INSPECTION AND CERTIFIED REPORT			Page 1 of 2
Permit Number:	ACT/015/025	Report Date: May 26, 2015	
Mine Name:	Wildcat Loadout		
Company Name	Wild West Equipment & Haulage, LLC		
Impoundment Identification:	Impoundment Name	Sediment Pond "C"	
	Impoundment Number:	C	
	UPDES Permit Number:	UTG040007	
	MSHA ID Number:	42-01864	
IMPOUNDMENT INSPECTION			
Inspection Date:	April 13, 2015		
Inspected By:	J.T. Paluso		
Reason for Inspection:	Annual Inspection		
(Annual, Quarterly or other Periodic Inspection, Critical Installation or Completion of Construction)			
1. Describe any appearances of any instability, structural weakness, or any other hazardous condition.			
The pond's dam shows no signs of structural instability or other hazardous conditions.			
Required for an impoundment which functions as a SEDIMENTATION POND	2. Sediment storage capacity and storage volumes.		
	Existing Storage Capacity: 4.174 ac-ft		
	Existing Sediment Storage Capacity (To Cleanout): 0.88 ac-ft		
	3. Principle and emergency spillway elevations		
	Principle spillway elevation: 6,137.0'		
	Emergency spillway elevation: 6,138.0'		
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 embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.			
During the quarterly inspection, April 13, 2015, the vegetative cover looked good with no signs of erosion.			
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 sediment pond was dry and the excess sediment has been removed, see the attached photograph. Sediment is 42" below cleanout level.			
Qualified 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: <i>J. Paluso</i>	Date: <i>5/26/15</i>	



POND C

1. IMPOUNDMENT INSPECTION AND CERTIFIED REPORT			Page 1 of 2
Permit Number:	ACT/015/025	Report Date: May 26, 2015	
Mine Name:	Wildcat Loadout		
Company Name	Wild West Equipment & Haulage, LLC		
Impoundment Identification:	Impoundment Name	Sediment Pond "D"	
	Impoundment Number:	D	
	UPDES Permit Number:	UTG040007	
	MSHA ID Number:	42-01864	
IMPOUNDMENT INSPECTION			
Inspection Date:	April 13, 2015		
Inspected By:	J.T. Paluso		
Reason for Inspection:	Annual Inspection		
(Annual, Quarterly or other Periodic Inspection, Critical Installation or Completion of Construction)			
1. Describe any appearances of any instability, structural weakness, or any other hazardous condition.			
The pond's dam shows no signs of structural instability or other hazardous conditions.			
Required for an impoundment which functions as a SEDIMENTATION POND	2. Sediment storage capacity and storage volumes.		
	Existing Storage Capacity: 1.131 ac-ft		
	Existing Sediment Storage Capacity (To Cleanout): 0.33 ac-ft		
	3. Principle and emergency spillway elevations		
	Principle spillway elevation: 6,139.0'		
	Emergency spillway elevation: 6,140.0'		
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 embankment erosion/repairs, monitoring information, vegetation on out slopes of embankments, etc.			
During the quarterly inspection, April 13, 2015, the vegetative cover looked good with no signs of erosion.			
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 sediment pond was dry and the excess sediment has been removed, see the attached photograph. Sediment is approximately 48" below cleanout level.			
Qualified 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: <i>J. T. Paluso</i>	Date: <i>5/26/15</i>	



POND D