



GARY R. HERBERT
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State of Utah

DEPARTMENT OF NATURAL RESOURCES

Division of Water Rights

MICHAEL R. STYLER KENT L. JONES
Executive Director State Engineer/Division Director

January 29, 2013

CLYDE MAGNUSON, PRESIDENT
COTTONWOOD CREEK CONSOLIDATED IRRIGATION CO.
P.O. BOX 678
ORANGEVILLE, UT 84537

DIVISION OF WATER RIGHTS - DAM SAFETY SECTION

DAM INSPECTION REPORT – 2013

Dam Name & Number	Adobe Wash, UT53623		
Date	January 22, 2013	Reservoir Level	Empty
Dam Type/Hazard	Earthfill/High	Elev _{Spillway} -Elev _{Reservoir}	55'
Purpose of Inspection	Final Insp.	Spillway Flow	0 cfs
Weather	Sunny and clear 25°	Outlet Flow	0 cfs

Representatives at the Inspection:

Name	Representing
Everett Taylor	UT Division of Water Rights, Dam Safety
Chris Sanborn, Jake Price	RB&G Engineering, Inc.
Howard Tuttle, Karl Justesen	CCCIC
Wayne Nielson, Jeremy Guymon, Derek Richards	Nielson Construction
Cody Allred, Darcy Guymon, Kyle Singleton	Pacificorp

This inspection report will serve as official notice of our acceptance of the project, pursuant to Section 73-5a-304 of the Utah Code Annotated 1953, as amended, contingent upon completion of the items listed in the Necessary Maintenance and Repair section of the report shown below.

Checklist Item	Necessary Action, Maintenance and/or Repair:
1.	UTBC will be placed and graded this spring.
12.	Final grading of the spillway channel upstream of the control wall needs to be completed.
14. & 15.	Riprap needs to be placed in the spillway stilling basin and the downstream channel and berm need to be completed.
20.	Hydraulic ram will be rotated 180° so the stainless steel hydraulic lines do not extend into the flow path. Bolt control frame to floor.

22. & 24.	Installation of piezometers and monuments needs to be completed.
25.	Drain lines need rodent screens. Finish the installation of the weirs and staff gages in both weir boxes. Grout the annulus between the concrete weir boxes and drain pipes. Install platforms in manholes.
-	Within 60 days record drawings for the project must be submitted to Dam Safety.

Checklist Item	Comments:
20.	Consider installing a gate position indicator.

EAP Review (High and Moderate Hazard only):	Yes	No
Does the Owner have a current copy of the EAP?		X
Are the notification flowcharts updated (i.e., names, phone numbers, etc.)?		X
Are the Inundation Maps included and legible?	X	
Are copies of the EAP distributed to the appropriate agencies/people?		X
Date of latest revision: January 2013		
Other comments: Dam Safety's comments on the draft document have been sent to the engineer. Final copies should be sent to all plan holders for signature.		

Embankment	N/A	Not Inspected	Inundated	Good	Monitor	Maintenance	Critical
1. Crest						X	
2. Upstream Slope				X			
3. Downstream Slope				X			
4. Groins				X			

Abutment/Foundation	N/A	Not Inspected	Inundated	Good	Monitor	Maintenance	Critical
5. Left Abutment				X			
6. Right Abutment				X			
7. Upstream Toe				X			
8. Downstream Toe				X			

Reservoir Basin	N/A	Not Inspected	Inundated	Good	Monitor	Maintenance	Critical
9. Shore Stability				X			
10. Reservoir Bottom				X			

Spillway	N/A	Not Inspected	Inundated	Good	Monitor	Maintenance	Critical
11. Freeboard				X			
12. Intake						X	
13. Concrete Structures				X			
14. Stilling Basin						X	
15. Outfall Channel						X	

Outlet	N/A	Not Inspected	Inundated	Good	Monitor	Maintenance	Critical
16. Conduit				X			
17. Intake				X			
18. Stilling Basin				X			
19. Discharge Channel				X			
20. Controls						X	
21. Venting				X			

Instrumentation	N/A	Not Inspected	Inundated	Good	Monitor	Maintenance	Critical
22. Monuments						X	
23. Staff Gage				X			
24. Piezometers						X	
25. Drains						X	
26. Other	X						

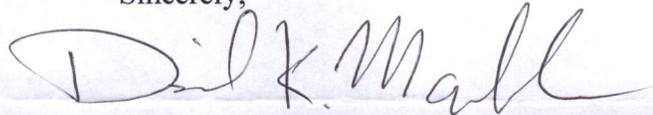
This report presents the results of an engineering evaluation of the dam and appurtenant structures based on visual observations and discussions with the Owner's representative at the time of the inspection. The status and performance of the dam may vary with time and changing conditions.

This inspection does not relieve the Owner/Operator of the legal duties, obligations, or liabilities incident to ownership and operation of the dam and reservoir.

This report does not include an assessment of site safety related to facility personnel and public access.

Your cooperation is appreciated. If you have any questions, please feel free to contact Everett Taylor at (801) 538-7372.

Sincerely,



David K. Marble, P.E.
Assistant State Engineer

DKM/tg

pc: Marc Stilson - Water Rights Regional Engineer



Grading of the spillway channel upstream of the control wall needs to be completed.



Spillway stilling basin and downstream channel still need to be completed.



Stilling basin with concrete weir box. Weir plate and staff gages need to be installed in both letterboxes.



Hydraulic gate controls.