

MEETING MINUTES

Trail Lake Advisory Committee Meeting

DATE: APRIL 26, 2016
TIME: 1:00-3:00 PM PST
LOCATION: BUREAU OF RECLAMATION (RECLAMATION) EPHRATA FIELD OFFICE, ROOM 203
PM: SARA MILLARD (SMILLARD@USBR.GOV; 509.754.0232)
ATTENDEES:

RECLAMATION	QCBID	ECBID	SCBID	CBHP
TONI TURNER	DARVIN FALES	CRAIG SIMPSON	DAVE SOLEM	TIM CULBERTSON
SARA MILLARD	BILL STEVENS		JJ DANZ	LARRY THOMAS
KARL WILLIAMS	ROGER SONNICHSEN		JOHN O'CALLAGHAN	
JAY HOVDE (CALL IN)				
STEVE MONTAGUE (CALL IN)				

CONFERENCE BRIDGE INFO:

If you are at the Ephrata Field Office, please join us in Room 203. If you are unable to attend in person, or are joining remotely, please utilize the following conference bridge: Number: 877.927.9949 Passcode: 99951581. Both Jay Hovde and Steve Montague from the Regional Office in Boise called into the meeting.

MEETING OBJECTIVES

The purpose of this meeting is to review the work completed to date, review the alternatives developed including the results of the Value Engineering Study, and present the selection that was made.

PROJECT OVERVIEW

1. Introductions (all/Toni)
 - a. Introduced Reclamation personnel and thanked everyone for their participation
 - b. Talked about why we called the meeting and the need to form the committee
 - c. Discussed the goals and objectives of the meeting
2. Background/Purpose (Sara)
 - a. Discussed the goals of the Trail Lake project
 - i. Get the canal back in the original condition by solving the issue of hydrostatic pressure, which is causing the panels to blow out
 - ii. Be able to pump out the bathtub section of the canal
 - b. Explained the sequence of events that take place at the Trail Lake section of the canal each irrigation season to cause the blow out in panels

3. Discussion on Geology/Seepage (Karl)
 - a. 2014 Stelma Report – Reclamation will find the report and have the Regional Office in Boise review it to help us understand where the water is going
 - b. Discussed the direction of ground water and about the idea that Trail Lakes might have sealed itself over time
 - c. Tim Culbertson asked about losses
 - i. Karl responded that he will look at Summer Falls and the total change in flow, as well as, develop a quantity to determine losses through the area
 - d. Explained that Reclamation does not have accurate flow meters at Summer Falls but instead has a set of curves for various flows
 - i. 75-200 cfs less flow at Summer Falls than at Dry Falls
 - e. Discussed panel replacements
 - i. 2016-\$10/SF
 - f. Discussed expanding the boundaries of the Quincy Subarea
4. Current Selected Alternative – Pump Station (Sara)
 - a. 2014 – 30% Conceptual Design Report
 - i. Presented the pump station design and all the components
 - ii. Craig Simpson as about how the 10 day pumping time was decided upon and what the benefits are
 1. John O’Callaghan explained that the 10 day pumping time is not a definite number but was a starting target for the design
 2. Want to be able to dewater the canal and the lake in a reasonable amount of time and be aware that freezing weather could take place as early as November
 3. Discussed when the work would realistically probably take place in early spring, not fall
 - iii. Discussed the issue that we cannot maintain the panels without the bathtub section being dewatered
 1. Explained the bathtub section – John O’Callaghan talked about the construction of the canal and the reasons for the bathtub section
 - iv. Discussed the \$2,550,000 budget for the pump station – questioned raised on the accuracy
 1. Reclamation will investigate
5. Alternative History (Sara)
 - a. 2005 – Conceptual Design Report
 - i. Presented 3 alternatives – Canal Breach, Corrugated Metal Pipe Culverts and Concrete Box Culvert
 - ii. Discussed the issue that all of these alternatives do not dewater the bathtub section of the canal to be able to do panel maintenance
 - iii. Question was asked if you have 8 feet of head in the lake, will the pressure on the canal embankment cause the panels to blow out
 1. No definite answer was presented
 - iv. Discussed what kind of debris would be expected if we did not have a trashrack structure on the culvert or breached area
 1. Mostly sagebrush and tumbleweeds
 2. Concerned with the safety of people
 - b. 2014 – Value Engineering Study on 30% Conceptual Design Report of the Pump Station

- i. Presented 11 alternatives from the VE Study
- ii. Discussed the need for the pump station
- iii. Open discussion on how much water is lost and it's cost relative to repairing the canal and building a pump station
- iv. Questions was asked about the dollar amount for the breach alternative was asked and how accurate it is
 - 1. Estimated cost - \$2,651,000
 - 2. Reclamation needs to look at this in more detail
- c. Other Alternatives Discussed
 - i. Alternate access road to be able to eliminate the need for bridges on the current access road
 - ii. Use Trail Lake as a revenue source
 - iii. Relocating the culvert to the invert of the bathtub section or putting in a culvert to pipe from that elevation to the bathtub

OPEN DISCUSSION

PRESENTED THE RANKING MATRIX FOR ALTERNATIVES

- a. Discussed the ranking criteria
- b. An Excel version will be sent out to the committee for review and scoring
- 2. Next Steps:
 - a. Ranking Matrix Schedule -
 - i. Provide comments on criteria and any other alternatives – **May 3**
 - ii. Edited version of Matrix will be sent out by Sara Millard – **May 6**
 - iii. Complete matrix (score and comment on alternatives) – **May 20**

REVIEW ACTION ITEMS

- 1. Complete Ranking Matrix
- 2. Next meeting will go over results from Ranking Matrix

NEXT SCHEDULED MEETING: 1:00-3:00 PM, TUESDAY, MAY 24, 2016