

MEETING MINUTES

Trail Lake Advisory Committee Meeting

DATE: July 26, 2016

TIME: 10:00-11:00 AM PST

LOCATION: Bureau of 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	
Sara Millard	Roger Sonnichsen	Mark Booker	JJ Danz	
Karl Williams	Bill Stevens	Don Osborne	John O'Callaghan	
Jared Vauk			Tony Walsh	
Jay Hovde				
Charity Davidson				

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: 877.927.0276 Passcode: 27245408

MEETING OBJECTIVES

The purpose of this meeting was to review and discuss the action item table. By the end of the meeting we are seeking agreement on which path to move forward to 30 percent design.

PROJECT OVERVIEW

1. Approved Draft Meeting Minutes from 5/24/16
2. Review Status of Action Items from 5/24/16 (Sara)
 - a. Summer Falls – Losses (Karl)
 - i. Reclamation hydrography program calculated diversions at Dry Falls Dam in 2014 totaled 2,927,537 – a 172,683 acre-feet difference with the CBHP diversion estimate.
 - ii. The difference between CBHP and Reclamation volume estimates is about 150,000 acre-feet.

- iii. It does not seem appropriate to compare the CBHP's Summer Falls estimate with the Reclamation diversion number at Dry Falls Dam.
 - iv. Based on CBHP estimates, 86,345 acre-feet were lost between Dry Falls and Summer Falls in 2014; this losses number drops to 65,000 acre-feet after considering flows through the headworks gates.
 - b. Review of 2014 Stelma Report- *Summary of Groundwater Conditions in the Trail Lake Area, Feasibility Design for Main Canal Rehabilitation*
 - i. Geologic conditions suggest vertical infiltration of groundwater and it is assumed that the seepage contributes to the recharge of the deeper basalt aquifer further south of the basin
 - 1. Clarification on question regarding where south of the basin is – the report does not indicate where the water emerges but explains that the seepage goes vertically into the basalt aquifer under Trail Lake and that aquifer's flow travels south
 - ii. Report was originally done to see if the groundwater was travelling to Soap Lake and affecting the protective works
 - c. Update on Regional Office's involvement in Geology
 - i. Met with Jared Vauk June 30 to go over the project and provide background information. Will be meeting again on August 4 to discuss his group's involvement (looking at seepage numbers and where the water is going)
 - ii. The plan is not to have another study but to review past studies to look at how much seepage is being lost and where the water goes
 - d. 2015 Trail Lake Panel Replacement Project
 - i. Replaced 28 panels with 6" concrete
 - ii. Total price for the Contract was \$121,800
 - iii. Idea was discussed of putting in bleeder valves in the canal.
 - 1. They are expensive and do not necessarily work well
 - e. Cost Estimates of Alternative Access Roads, which included gravel and excavation costs
 - i. Road 2 - East of Trail Lake Access Road: \$515,750
 - ii. Road 1 - West (road river right) Access Road: \$742,420
 - iii. Had the Regional Office do estimates on these 2 alternatives because they had significant excavation work
 - iv. Cost estimates were conservative – will work on refining the estimates going forward
- 3. Discuss Paths to Move Forward
 - a. Breach canal and use existing access road
 - v. Examples include bridges, culverts, pipes, etc
 - vi. Option: do not have access over breach location but instead fill in the breach when needing access
 - b. Breach canal and build new access road
 - vii. Would involves new access roads previously discussed
 - c. Discussion on 50ft test sections for the East Low Canal - \$400,000

OPEN DISCUSSION

- 1. Open discussion on options and next steps

DECISIONS MADE

1. After discussing the possible routes for a new road to provide access to the Bacon Siphons, it was agreed upon to move forward in the estimation process the West Access Road and the East of Trail Lake Access Road (refer to Road #1 and #2 on packet map).
2. While the pumping plant has its benefits, it has been decided to move forward in the design process the options of breaching the canal. We will be looking at the various breaching options, types of materials and location(s) of the breach.

NEXT SCHEDULED MEETING

Tuesday, August 23, 2016, 1:00 to 3:00 p.m.