

Meeting Summary
Lower Platte River Consortium
Consortium Meeting
Thursday, February 23, 2017 at 2:00 pm
Lower Platte South NRD
3125 Portia Street, Lincoln Nebraska

Consortium members present included the following:

LPSNRD: Paul Zillig, David Potter
P-MRNRD: Marlin Petermann, Paul Woodward
LPNNRD: John Miyoshi, Larry Angle
NDNR: Jesse Bradley, Amy Zoller
City of Lincoln: Steve Owen
MUD: Rick Kubat

Other attendees included John Engel (HDR), Simone Rock (HDR), Tom Riley (TFG)

The HDR Team updated the Consortium on the progress since the December 15th Consortium meeting. Activities included project management, data review & forecasting/conveyance tool development, the BOR Work Plan edits and data collection including refinements to the site selection.

Changes to the BOR Work Plan were limited to the dates in Tables 4 & 5. Marlin (P-MRNRD) requested edits to Table 1 and provided to Simone. Consortium agreed that HDR should submit Draft to BOR this month with the edits discussed. John noted that BOR will likely have comments that we can discuss at a future meeting and at that time the Consortium can take action to submit the final plan.

HDR/TFG met with MUD and LWS staff on January 10 and January 12, respectively, to discuss existing drought protocols for each utility. Additionally, utility questionnaires were mailed to Fremont, Papillion, Louisville, Ashland, and North Bend. Responses were received from Ashland and Fremont. Both Ashland and Fremont do not report any issues with water supply nor was water supply an issue for either utility during the 2012 drought. Fremont's responses indicate their winter demand is typically 4.0 mgd and normal summer demand is 15 mgd and during the 2012 drought they had days in excess of 20 mgd. They are estimating the Costco project will increase demand by 2 mgd starting in late 2018. Therefore, Costco's demand would be around 10 percent of Fremont's current peak demand and on the order of 50 percent of their low demand times.

HDR led group through the data collection sites. Noted that the Map and Table had been renumbered and this draft superseded earlier versions that were distributed. Discussion included the following:

- a. Discussed Q street location and its addition.
- b. Paul Woodward noted that there may be additional recording wells available that may contribute to site knowledge.
- c. Larry Angle noted indicated that their hydrograph is very flat and correspond well with the river stage.

- d. Group discussed coordination with Lower Loup NRD on sites in their district. John noted that he had an initial discussion with Russ Callan and that the LLNRD has interest in additional data through those reaches. Specifically discussed Site #12 and that DNR may have had historical data collected there and could provide insight to potential concerns for that location from a data collection point of view.
- e. John noted that the team would like to meet with the individual NRDs that have data sites and discuss potential concerns or adjustments to the location prior to submitting the plan to the consortium for final go ahead.
- f. Discussed implementation and rollout of monitoring equipment. Process will be to meet with individual NRDs, finalize site and equipment, then report back to consortium with final map and table.
- g. Question concerning the type of equipment. John noted that equipment was yet to be selected. Larry Angle and Paul Woodward noted that they have In-situ deployed at most of their sites.
- h. Briefly discussed sites that there may be an interest in more permanent location of monitoring equipment. Team recommending a 5-year horizon when it comes to gaining easement for site access. For those sites that partners may want a permanent siting, long-term agreements will be needed.

Next Steps:

- HDR, LPSNRD, and NeDNR to meet March 6th to discuss cash flow plan for the remainder of the project.
- Consortium meeting Monday, March 27 at 2:00 p.m.
- Water Sustainability Fund Annual Report due Apr. 1, 2017.
- Bureau of Reclamation Semi-Annual Report (Oct 1 to March 31) due by Apr. 28, 2017
- Installation Plan by site location
- Coordination with NRDs/NeDNR
- Continue work on forecasting tool
- Consortium Workshop #1 on Tuesday, May 16 from 8:30 a.m. – 12:00 p.m.

Action Items:

- HDR to send Project Task Lookup Table with a cross-referenced list of task for the Consortium contract, BOR grant, and WSF grant.
- HDR Team to follow-up with Papillion, Louisville, and North Bend on utility questionnaires and attempt to solicit responses.
- Coordinate meetings with LPNNRD & P-MRNRD to discuss in more detail the draft site selection.
- HDR to continue discussions with LLNRD regarding instrumentation locations located within their District.
- HDR to look into requirements for NDOR right-of-way permits.

The meeting adjourned at 3:00 p.m.

LOWER PLATTE RIVER CONSORTIUM

PURPOSE: To study long-term water supplies available to the lower subbasin for enhancing streamflows or aquifer storage to support sustainable public water systems.

PARTIES TO THE CONSORTIUM AGREEMENT:

- Nebraska Department of Natural Resources
- Lower Platte North NRD
- Metropolitan Utilities District
- Papio-Missouri River NRD
- City of Lincoln-Lincoln Water System
- Lower Platte South NRD