

Glendale Water Supply Improvement Project



Truckee Meadows Water Authority Glendale Water Supply Improvement Project Working Group Meeting Minutes February 24, 2005

Attendees:

Ron Penrose, TMWA
Mike Wilkin, ECO:LOGIC
Elisa Maser, MIG
Niki Linn, ECO:LOGIC
Jay Kidder, Chinook Engineering
Richard Duncan, JBR Environmental
Brad Hall, Northwest Hydraulic Consultants
Sue Oldham, Atty., Representing TMWA
Debbie Shosteck, TMWA Counsel
David Potter, FWS
Mauricia Baca, The Nature Conservancy
Erik Ringelberg, Pyramid Lake Paiute Tribe
Lisa Heki, Fish & Wildlife Service
John Enloe, ECO:LOGIC

Elisa opened the meeting and explained the goal for today's meeting is to reach consensus on the preferred alternative prior to the Public Meeting on March 2, 2005. The meeting will be held at 5:30 p.m. at Bartley Ranch. Attendees introduced themselves.

Mike reported that Dean Diederich left JBR Environmental to pursue his teaching career. **Richard Duncan** will be Dean's replacement in the working group.

Ron apologized for his absence at the last working group meeting. He thanked everyone for his/her participation and commended them on their efforts. He felt the group is nearing consensus for a project that will be good for TMWA as well as the community. He added that we're almost ready for NHC to begin the physical modeling.

Ron reported he's working on a draft "Position Paper" that will summarize the working group's efforts and define the project. The paper should also be helpful in seeking

Project Manager: Ron Penrose
775-834-8017
rpenrose@tmwa.net
www.glendalewatersupply.com



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funding when the time comes. Ron thought the draft should be available in a week or two and he will forward it members for review and input.

Ron summarized that he thought the input received from the working group members during the process has been great, and expressed his appreciation to everyone involved.

Mike stated that at the last meeting the working group developed ranking criteria for the alternatives, which he summarized as follows:

1. 4% Slope in the Existing Location – The roughened channel would be rock-lined and would include chutes and pools. Four-foot boulders and 2-foot rocks would be used to create the roughened channel. The length of the diversion would be 250 feet.

Mike referred to topographical regions on an aerial map that would be used in a model.

2. 4% Slope with a Bypass Channel – **Mike** explained this alternative would potentially face difficult design challenges in providing a suitable fish attraction flow and arrangement due to the proximity of the Glendale overpass. Mike didn't see it as a good option but wanted to provide the particulars since Erik had requested the information. **Erik** thought the 2% would be the more equitable option. **Brad** explained the bypass flow would have to be at least 1,500 cfs. **Ron** mentioned this alternative was developed as a way to mitigate the slope factor when the group was initially planning for a 5-6% slope, as opposed to the current 4% slope. **Erik** agreed there are issues that would be tough to overcome but he still thought it needed to be examined fairly as a possible alternative. He would be satisfied with eliminating this alternative if the technical issues were outlined.

3. 2% Slope – **Mike** explained the basic structure wouldn't change from the 4% slope, only the length. It would entail placement of 500 feet of rock in the river, and would end up being a massive structure. He didn't see it as a very cost-effective alternative, nor did he feel it was environmentally sensitive. Several members of the working group agreed. It would also take a lot of time to construct; two or maybe even three seasons, and would required a new water plant intake structure and piping through the park, during which time the water treatment plant operations could be affected.

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Ron mentioned that the first alternative would also provide a slight positive effect on flooding in the area. He agreed to highlight that point as well as others at the public meeting.

Jay discussed velocities and fish passage of the alternatives presented. He explained Chinook Engineering had done HEC-RAS modeling of the alternatives, and he referred to the resulting graphs he had developed based on seasonal flows. Jay explained that physically, all the fish species being investigated for passage should be able to swim through the fish passage channel with alternative 1.

Ron commended Jay on his work.

Mike stated that if the group were comfortable with the first alternative, the design team would present it at the public meeting. He added that once an alternative is agreed upon, NHC would commence with the physical modeling.

Elisa asked if the stakeholders were comfortable making a recommendation on the preferred alternative. **Erik** responded that he is not although he commended Ron and TMWA on the process. Discussion ensued over whether a recommendation could be made. Erik stated the Tribe is neutral, but won't make a recommendation. Discussion among several members ensued.

Ron felt that the group is close to that point and added we need to start examining funding issues also. He reiterated that the draft "Position Paper" would be available for review by the working group in two to three weeks. A topic for an upcoming meeting should be discussion of the Position Paper and its possible use in seeking funding.

Elisa reiterated that the Public Meeting is scheduled for March 2, 2005 at 5:30 p.m. at Bartley Ranch. She added that it would be publicly noticed and attendees from the first public meeting would be invited.

Ron reported he'd met Mike Olson, Bureau of Reclamation (BOR)'s District Manager. He mentioned that he'd like to schedule a tour of Derby Dam. He will speak further with Mr. Olson on possible dates and times for a tour as he feels it would be helpful for this group.

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Mike's hope is that the Design Team can begin the physical modeling in May with the water flow modeling in June. He suggested scheduling a meeting or two to review the drawings and develop a schedule.

Members discussed a meeting schedule and it was decided the next working group meeting is be March 29th at 2:00 p.m. to review and discuss the Position Paper. Another Working Group meeting will be scheduled for April 19th to review the plan sets (first cut design level drawings).

Ron thanked everyone for attending and participating. The meeting adjourned at 3:15 p.m.

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