

## NEVADA IRRIGATION DISTRICT

### Engineering Committee

### SPECIAL MEETING

December 6, 2018

### MINUTES

Committee Members Present: Nick Wilcox, Division V  
Scott Miller, Division III

Committee Staff Members Present: Remleh Scherzinger, General Manager  
Gary King, Engineering Manager

Other Staff Members Present: Andrew McClure, District Counsel  
Chip Close, Water Operations Manager  
Tonia M. Tabucchi Herrera, Senior Engineer  
Doug Roderick, Senior Engineer  
Doug Hobbs, Senior Engineer  
Brian Powell, Maintenance Manager  
Shannon Wood, Business Services Technician  
Carie Deatherage, Management Assistant

### Public Comment

No Public Comment

### Item #1: Water System Interconnection from Lake Wildwood to Smartsville

Mr. King, Engineering Manager, explained that this is a preliminary discussion of a water main route from Lake Wildwood to Smartsville. The District has identified three potential routes. The Smartsville area is a Disadvantaged Community (DAC) and could potentially qualify for grant funds.

Mr. King introduced Tonia M. Tabucchi Herrera, Senior Engineer.

Mr. Scherzinger, General Manager, requested background history for this analysis.

Mr. King deferred to Chip Close, Water Operations Manager for further information.

Mr. Close explained that the forty-four service connections require an extra log of treatment removal because it is under the influence of wastewater above it. It is a very expensive system to run when it is serving only forty-four service connections. The chances of it expanding beyond its current footprint are very slim. The cost-benefit analysis on running this plant shows that it loses money and is hard to operate and is under the influence of miles of open canal.

Mr. Scherzinger asked why the District is serving these customers.

Mr. Close explained that it is part of the Railroad Commission Order as part of the takeover of the Excelsoir System. The obligation is to serve customers in perpetuity who were currently served water.

Mr. Close continued to explain that the most important part is that the source water to the facility is hard to treat.

Director Wilcox asked if Yuba County would be taking over the plant.

Mr. Close explained that the District had reached out to Yuba County roughly three years ago. They were investigating a new well system to feed Smartsville and Quartz Village. Brian Bisnett had several wells that he wanted to sell to the District and Yuba County to feed both. The wells did not pass as they were under the influence of the Yuba River. Yuba County has stepped away.

Mr. King explained that roughly ten years ago the District started discussing running water lines to Cascade Shores and Lake of the Pines (LOP). These concepts of extending lines and regionalizing the Districts system and providing redundancy are becoming a reality.

Ms. Tabucchi Herrera explained that the District is looking into connecting the Lake Wildwood to Smartsville, referring to the map displayed.

Ms. Tabucchi Herrera explained the three options:

- Option "A": A water line down Mooney Flat Road down Highway 20 to Smartsville
- Option "B": A water line down Highway 20 to Smartsville.
- Option "C": A waterline down Penn Valley Drive west to a portion of Highway 20 to Smartsville.

Ms. Tabucchi Herrera identified that option "C" is the most viable option for the area and the District. Option "C" picks up more parcels, more property owners and potentially more customers than option "A". Due to the Caltrans constraints option "B" is not a viable option.

Ms. Tabucchi Herrera explained that an analysis will be completed on option "C" to ensure that the pipe is the correct size and that the hydraulics work.

Director Miller asked about the cost of option "C".

A discussion ensued regarding the cost and pipe size for option "C".

Mr. King stated that the cost for a 16 in waterline is roughly \$220 to \$240 per linear foot.

Director Miller inquired if there is a comparison between updating the treatment plant and running a water line.

A discussion ensued regarding the cost of repairing the treatment plant versus running a new waterline.

Mr. Scherzinger stated that option "B" due to the Caltrans constraints. Options "A" and "C" are viable options.

Director Wilcox stated that the logical run would be option "B" run down high way 20, if Caltrans will not permit that then it's not an option. Option "C" takes on a lot of parcels. Option "A" has big parcels, open country with very little payback on that line.

Director Miller asked if fire hydrant would be installed.

Ms. Tabucchi Herrera confirmed that fire hydrants will be installed.

Mr. Scherzinger stated that this is similar to the Alta Sierra to LOP waterline but longer.

Director Miller stated that there should be some legislative funding from the fire suppression aspect.

Mr. Scherzinger explained stated that Smartsville and some areas of Penn Valley are considered to be DAC and could qualify for funding. The State Water Board has almost \$300,000 for DAC.

A discussion ensued regarding sources of funding the project.

Mr. King described the route of option "C" referring to the map and discussed who could potentially be served.

Mr. King explained that the raw water source water is in open country and there are risks that we faced with Lake Wildwood.

Mr. Scherzinger stated that water quality is an issue and is expensive to treat given the existing system and that we are starting to explore shutting the plant down or support it.

Mr. King stated that the goal of this item is to explain what we are dealing with and trying to resolve some long-term issues.

Director Wilcox stated that if option "B" is not viable and "A" does not serve as many property owners "C" would be the preferred option.

Mr. King closed item number One and moved on to item number Two.

**Item #2: Phase 3 Table Meadow**

Mr. King, Engineering Manager, explained that we have issued a cost estimate for the Table Meadow Phase 2 project.

Mr. King briefly explained the past related projects:

- Table Meadow 1 (Complete)
- Table Meadow Option 3
- Table Meadow Phase 2 (scheduled next year)
- Table Meadow Option 3

Mr. King stated that if funds are available we would like to complete phase 2 and move on to phase 3. We would like to complete the design for both phases at the same time complete the survey and send the project out to bid. At that time, we will see if funds are available. There are property owners have shown interest in service connections in phase 3. This also assists with long-standing issues. If everyone participated the cost to the district would be zero.

A discussion ensued regarding the bid process and contract structure.

Remleh Scherzinger, General Manager explained that the purpose of this item is to discuss the options and the approach and get the Engineering Committee feedback.

Director Wilcox stated that he likes the idea and commented that combining these phases could potentially increase participation.

Mr. King explained that the project would be financed by the District DFWLE program.

Chip Close requested clarification on if phase 2 does not move forward then we would not proceed with phase 3.

Mr. King replied that that is correct.

Mr. Close ask about the funds and where they would be allocated if the project did not move forward.

Mr. King stated that they would go back into DFWLE.

A discussion ensued about the timing of bidding, construction, and funding of the project.

Mr. King opened for any questions.

A discussion ensued regarding the 2018-2019 budget.

It was recommended at the end of the meeting that we would combine phase 2 and 3 as one DFWLE. This DFWLE would have a greater number of participants compared to the guidelines.

Mr. King closed item number Two and moved on to item number Three.

**Item #3: Prevailing Wage**

Mr. King, Engineering Manager Introduced Andrew McClure, District Counsel.

Mr. King explained that this item is an informational item.

Mr. McClure explained that is complicated and very broad umbrella with a few exceptions.

Mr. McClure explained that the District is a public agency and is required to comply with prevailing wage law. As a public agency, almost any work performed for the District will be paid for with “public funds.”

**McClure gave a presentation on Prevailing Wages:**

- Per state law, the District is required to comply with prevailing wage law for “public works” exceeding a cost of one thousand dollars (\$1,000) which are completed “under contract” and paid for, in any part, by “public funds.”
- “Public Works” generally include construction, alteration, demolition, installation, repair, and maintenance.
- Works are done “under contract” to a public agency regardless of whether a written “contract” exists or not.
- Prevailing wage laws also apply whether a project is put out for bid or not.
- Prevailing wage rates are set by California’s Department of Industrial Relations (DIR)
- RFP must state in the contract the project is a “Prevailing Wage, “Public Works project and Wage posting on job site
- Register the Project over \$25,000

Mr. King concluded that payment of prevailing wage rates can increase the costs of “public works” projects compared to private projects.

Mr. King closed item number Three and moved on to item number Four.

**Item #4: Centennial Water Supply Project Update (FATR# 7013)**

Mr. Doug Roderick, Senior Engineer reviewed the current status of the Centennial Project.

- **AB52 Consultation** – Continuing tribal consultation with United Auburn Indian Community, Colfax-Todds Valley Consolidated Tribe, and Nevada City Rancheria Nisenan Tribe. Currently setting up meetings in late December or January with both United Auburn Indian Community and Colfax-Todds Valley Consolidated Tribe to discuss results of cultural resources report.
- **Property Acquisition** – Continuing to consider property acquisitions with property owners that come to the District within a willing seller-willing buyer

transaction framework. One acquisition has occurred since the October 16, 2018, Engineering Committee.

- **Future Updates** – as discussed at the October 16, 2018, Engineering Committee, the updates for the Centennial Project will be done on a quarterly basis starting in 2019. The first update will occur at the March 2019 Engineering Committee meeting.

2018	January-Sept	Oct-Nov	Totals
Consulting	\$312,874.42	\$21,586.12	\$334,460.54
Consulting Property	\$16,905.00	\$2,861.16	\$19,766.16
Staff	\$38,999.04	\$10,788.09	\$49,787.13
Property	\$1,295,435.16	\$15,000.00	\$1,310,435.16
Total	\$1,664,213.62	\$50,235.37	\$1,714,448.99

	2014*	2015*	2016*	2017*	2018
Budget	\$1,609,385	\$1,168,637	\$4,645,933	\$3,639,377	\$4,000,000.00
Expenses	\$1,414,239	\$1,807,895	\$4,825,146	\$3,255,930	\$1,714,448.99
Budget vs Actual	\$195,146	\$(639,258)	\$(179,213)	\$383,447	\$2,285,551.01

\*NOTE: This table was provided to the Board on December 13, 2017 (Item #11).

A member of the public asked a question regarding the date on the above table.

Mr. Doug Roderick replied that that was the date that this information was presented to the Board.

Mr. King closed item number Four and moved on to item number Five.

**Item #5: Project Review - Information: Review the Project Status Report**

Reviewed the Project Status Report with Committee members as an informational item.

CD