

Weekly Review



Date: 7/28/2023
To: USDA, Fann, OCWD, SWI-Ardurra
Re: Wellsite 4 electrical + Wellsite 2&3 options
Sender: Jan Tijmes

7/24/2023

Fann (Jim & Juan) were present at Wellsite 4. Jim stated that Canyon State Filtration had brought the 'Reach-Lift' to wellsite 4 on Fri 7/21 to install the ARVs on top of each Metsorb tank. Wellsite 4 had not been formally compacted, so during installation of the ARVs the wheels from the machine shifted a few valve boxes and compressed others. Jim and Juan repaired these issues. The 2nd hydrant valve had been installed on Thurs, 7/20.

I observed Michael (Fann Electrical) installing steel conduit for each of the flow meters and transducers. 6 conduits from the direction of the new control panel, installed on strut bolted to the foundation, 2 for the flow meters and 4 for the transducers.



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7/25/2023

Fann (Michael, Jim, and Juan) continued advancing the electrical footings for the future control panel. They also began regrading the site and moving the current spoil pile to the front of the wellsite for ease of removal. Juan built the sonotube cages for the 2 control panel footings.

7/26/2023

Sonotube footings were poured for control panel. Conduits leading to the sonotube from the SES panel will receive 90's to the surface, so backfilling of this area can occur. Future mini-power zone will now be secured onto the SES pad which will get extended, rather than utilizing a sonotube.



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7/27/23

Michael continued to install conduit at wellsite 4 related to the new control panel. Backfilling around the control panel is estimated to occur Wednesday, Aug 2. Strut channels were anchored into the sonotube footings to create the mounting frame for the control panel, and conduit was brought back to the location of the mini-power zone on the east side of the SES (service entrance) panel.

Jim and Juan visited wellsite 2&3 to discuss a plan of attack. This wellsite is smaller than wellsite 4, so crew will require a dedicated plan to complete this site and minimize disruptions in water supply.

Monthly Progress Meeting, 10am

Attendance:

Fann Environmental- Paul Johnson, Ryan Shy, and Poppy Keegan

SWI-Ardurra- Jan Tijmes

Oak Creek Water- Wayne Butler

USDA- Michael Dean

Canyon State Filtration- Nick Gudovic

Highlight Topics:

- A. Goal is to complete wellsite 4 by Aug. 9th. Nick G. needs a few days to complete pressure testing and chlorination from the pre-filter through the distribution line. Sample results and O&M would be provided to ADEQ for the AOC permit which takes 7 to 10 days for approval.
- B. Change Order 03: Fann requests the substantial completion date to be changed to Oct 27th and Final Payment to Nov 15th. It will be signed and sent to OCWD this week.
- C. Pay App 09 is to be signed and sent to USDA this week.
- D. Fann requested Wellsite 2&3 to be down for 3 weeks for construction of the distribution line. Fann asked if a bypass line was an option. A bypass could keep one well online during construction of the wellsite to provide add'l flow and emergency backup, due to heatwave. Wellsite 4 can probably handle the system's needs. Wells 2&3 could not handle all the system's needs when well 4 was down for repair a few weeks ago. Ardurra agreed to meet Fann onsite Friday, 7/28 at 9am to discuss options.
- E. Canyon State, Oak Creek, and Ardurra will work on providing operating ranges for Mission Control at wellsite 4.
- F. USDA and Oak Creek discussed two main topics; loan and grant amounts as well as the Letter of Concurrence to move the lowest bidder forward into construction. Will OCWD use CoBank or RCAC? Could dip into grant funds if justifiable. Must use loan monies first. Closing the first loan could take 1 to 2 months. CoBank would be quicker- amendment to current agreement to make funds available quicker. RCAC takes longer- could dip into grant monies so all are paid on time. Interim financing exhausted with CoBank; while closing on loan, work can proceed. Letter of Condition has been met and items are in place. Attorneys

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- need to close. Lam must provide a Letter of Concurrence for lowest bidder to proceed. This is in his que and takes a few hours to complete.
- G. As an aside, Ardurra is working with ADEQ to ensure all permits are in place for construction to begin on the waterline.



7/28/2023

Bim and Paul Johnson (Fann), Jan and Art Beckwith (Ardurra) met at Wellsite 2&3 to discuss a plan for a bypass line to keep one well online while work is being completed. Due to the small area to work in, it would be ideal to take both wells offline for up to 4 weeks during construction. However, for adequate flow to clientele and backup flow in the event of an emergency, a plan is being devised to allow for a well to remain online during much of the construction. Multiple concerns and alternative options were discussed. Fann will review the plan sheet to uncover methods of value-engineering this installation and coordinate with Ardurra before discussing options with Oak Creek.