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Seal Rock Water District

General Manager's Report:

Board Meeting February 10, 2022

This report is an executive summary provided with this Board agenda to Commissioners with recommended actions if any. Detailed information, staff reports, and supporting materials are provided within the full agenda packet.

PHASE-IV BEAVER CREEK SOURCE WATER PROJECT:

District staff and engineer along with funding partners from USDA-RD meet bi-weekly with R&G Excavating to discuss project activities, schedule, and status. Construction at the WTP site includes continued work to complete grading around the backwash basins and membrane building. Contractor has mobilized membrane treatment equipment in the building and is beginning to place equipment in various areas for operation. Electricians and plumbers are also on site installing final electrical wiring and piping for the WTP. Major construction activities include:

Membrane Building:

- o Pipe support installation
- o Anchorage of UF, CIP, and Neutralization tanks
- o WesTech panel installation - Chemical feed panel installation
- o Plumbing installation of interior PVC pipes for CIP and chemical pipes
- o HVAC installation in the electrical room - Drywall and insulation of interior rooms
- o Electrical work pulling in wire from generator and transformer area
- o Door installation - Gutters and Downspouts - FW Pumps, piping installed in trench



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Beaver Creek Intake and Valve Vault:

• **General Site Activities:**

- o CLPUD pulled power conductors up to the site
- o Installation of precast sanitary holding tank is complete
- o Completion of yard piping utilities between Membrane Building and Backwash Basin
- o Duct bank installation to transformer at WTP site and installation of meter cabinet
- o Finish grading at southeast corner of the site
- o Regrading of roadway between Backwash Basin and Membrane Building

The Contractor continues to make steady progress in construction. Per recent design progress schedule, which does not meet contract dates, the approximate slippage that the Contractor is showing is an additional 116- days. These dates can only be approved via change order. Jacob's software integration team continues to coordinate with the contractor's subcontractor and WesTech to complete software development. Software integration between WesTech and the balance of the plant continues with programming and testing in progress. On February 1, 2022, contractor provided the schedule below for projected completion of the project which includes functional testing of some equipment as early as the first week of March 2022.

ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names
1							
2		Remove Server Rack		Mon 1/31/22			
3		Form new slab		Mon 1/31/22			
4		Pour new slab		Tue 2/1/22			
5		Set server rack		Wed 2/2/22			
6		MCC Ship, delivery ?	5 days	Fri 2/4/22	Thu 2/10/22		
7		Pioneer phone hook up/internet	1 day	Fri 2/4/22	Fri 2/4/22		
8		Terminate fiber	1 day	Mon 2/7/22	Mon 2/7/22		
9		Fiber testing	1 day?	Tue 2/8/22	Tue 2/8/22	8	
10		Finish Water VFD		Tue 2/8/22			
11		Finish Water pump Start up	1 day	Tue 2/8/22	Tue 2/8/22		
12		Fill Brine Tank		Mon 2/7/22			
13		Chemical panels-Membrane and intake	5 days	Mon 2/7/22	Fri 2/11/22		
14		Fish Screen Start up	1 day	Thu 2/10/22	Thu 2/10/22		
15		OSG Start up		Mon 2/14/22			
16		Jacobs-Continue computer setup, coordinate with OSG	1 day	Mon 2/14/22	Mon 2/14/22		
17		Jacobs-Continue computer setup, coordinate with TAG on firewalls installation	1 day	Tue 2/15/22	Tue 2/15/22		
18		Reservoir Disinfection	1 day	Mon 2/14/22	Mon 2/14/22		
19		Fill reservoir	2 days	Tue 2/15/22	Wed 2/16/22	18	
20		Reservoir bacteria test	2 days	Thu 2/17/22	Fri 2/18/22	19	
21		VFD ship, delivery ?	6 days	Tue 2/15/22	Tue 2/22/22		
22		Intake Bld. Green Tag	1 day	Thu 2/17/22	Thu 2/17/22		
23		Intake Bld. power hook up	1 day	Mon 2/21/22	Mon 2/21/22		
24		Westech install check out	3 days	Mon 2/21/22	Wed 2/23/22		
25		Intake VFD	1 day	Mon 2/28/22	Mon 2/28/22		
26		Intake pump Start up	1 day	Mon 2/28/22	Mon 2/28/22		
27		Westech install membrane	4 days	Tue 3/1/22	Fri 3/4/22	26	
28		Westech controls onsite		Mon 3/7/22			
29		Westech pump VFD		Mon 3/7/22			

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ID	Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names
30		FT1- Membrane Bld., 123rd, 98th	7 days	Mon 2/21/22	Tue 3/1/22		
31		FT2- Membrane Bld.	7 days	Tue 3/1/22	Wed 3/9/22		
32							
33		FT1-Intake Bld.	3 days	Mon 2/28/22	Wed 3/2/22		
34		FT2- Intake Bld.	2 days	Thu 3/3/22	Fri 3/4/22		
35		FT2- Membrane Bld., 123rd, 98th	5 days	Mon 3/7/22	Fri 3/11/22	34	
36		Celling	1 day	Fri 2/4/22	Fri 2/4/22		
37		Cabinets install	4 days	Mon 2/7/22	Thu 2/10/22		
38		Counter top install	3 days	Fri 2/11/22	Tue 2/15/22	37	
39		Jacobs-Bring computers to site and install in server rack	1 day	Fri 2/11/22	Fri 2/11/22		
40		Plumbing install	2 days	Wed 2/16/22	Thu 2/17/22	38	
41		Flooring sealer	1 day	Thu 2/17/22	Thu 2/17/22		
42							
43							
44		Reese					
45		PEI/Reese					
46		Phone company					
47		Westech					
48		R&G Ex					
49		Water District					
50		Jacobs					

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R&G Excavation Inc. Project completion schedule Feb-1, 2022:

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OTHER NOTABLE ACTIVITIES FOR THE MONTH INCLUDE:

- Attended on-site Beaver Creek water quality and flow monitoring field data collection.
- Reviewed Contractors Requests for Information (RFI's) for the Beaver Creek Project.
- Attended OWRD Place Based Planning Evaluation of the Mid-Coast Water Planning Partnership.
- Attended Water Treatment Plant Software Demonstration test.
- Coordinated Water Treatment Plant flow evaluation with contractor.
- Attended video conferences with engineers, contractors, and USDA to discuss submittals and schedule for work on the Beaver Creek Source water project.
- Met with engineers and representatives from USDA-RD to discuss ECWAG funding opportunities.
- Completed USDA-RD RUS ECWAG Funding application through RDAApply.
- Attended OWRD and state agency review of the MC-WPP final plan.
- Attended the January Oregon Water Utility Commission Meeting.
- Attended the SDAO Water/Wastewater Committee Meeting.
- Participated in the State Supported Water Planning and Management Work Group kick-off meeting.
- Participated in the SDAO Legislative Committee Meeting.
- Attended several conversations related to discussing legislative language affecting municipal water suppliers.