



February 17, 2021

TO: LOCSD Utilities Advisory Committee

FROM: Margaret Falkner, Utility Systems Manager
Alicia Zuniga, Utility Billing Specialist

SUBJECT: Agenda Item 7- 02/17/2021 UAC Meeting
Utilities Department Updates

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Utility Department Updates

1. SCADA Project Update

The Phase I Radio Survey has been completed with a follow up workshop on December 4, 2020 with the vendor, District engineer, and staff. The project includes the water system and drainage pumps. The consultant's estimated cost for the complete system was \$1 million. The UAC and staff will need to consider options for phasing in this project as it will benefit the District significantly. Next steps would be to begin the design, develop the scope of work and finalize the bid documents. Staff will update the UAC when more information is available.

2. 10th Street Well Issues

The 10th Street well has been out of service since June 15th. The rehabilitation of the well which included a liner, pump and motor have been completed. The final cost was approximately \$67,000. There continues to be an issue with the electrical controls which are being looked into. Once this well is up and running, demand on Palisades will be greatly reduced.

3. 16th Street Tanks Inspection

The inspection was performed on December 1, 2020. The reports were delivered on December 14, 2020. Staff has reviewed the reports and there is significant corrosion on both tanks. Staff has asked for a cost estimate for needed repairs. Staff received cost estimates for both tanks ranging from \$511,650 to \$677,650. This will become a capital improvement project. Next steps are to develop the scope of work, and prepare bid documents.

4. Program C Well

At the November 5, 2020 Board of Directors meeting the Board unanimously approved Site E which is the Bayridge site for a new well. Next steps are to continue environmental work with SWCA, begin the bid documents and permitting.

LOCS D Water Capital Improvement Projects Listing



TITLE	DESCRIPTION	AMOUNT FROM 2020 \$ Or other specified	CIP \$ Estimate	STATUS	PRIORITY
Supplemental Water Well (Lower Aquifer)	Program C Eastern Well - Bayridge Site approved; Pipeline project will elevate total cost	\$200,000 Budgeted \$101,628.33 remaining	\$1.5 million	In progress- Environmental work in progress	Current
8th Street Upper Aquifer Well	Supplemental well blend with existing lower aquifer well water- possible nitrate removal; Grant Funding	\$315,824 Budgeted \$307,986.24 remaining	\$315,824	Design complete, need to construct blending portion with possible nitrate removal equipment. Issue with setback	Current
SCADA System Upgrade for Water and Drainage	Design/Construction of SCADA System	\$400,000 Budgeted \$377,470.97 remaining; \$300,000 - Water, \$100,000 - Drainage	\$1,000,000 proposal; \$750,000 Water	In progress **Projected costs, based on AECOM engineering opinion. Includes drainage. 75% - Water, 25% - Drainage	Current
16th Street Tanks Repair & Recoat	Both North and South tanks have extensive corrosion on exterior and interior. ATS provided cost estimate. Red-tagged the ladders to both tanks for liability reasons	\$75,000	\$677,650	Inspection and reports in beginning of December. Cost estimate received January 15, 2021	1
3rd Street Well	Pump and Motor Replacement		<\$20,000		3
18th Street/Paso Robles Loop Upgrade	Distribution system loop in boosted zone- pipe project	\$39,270	\$75,000	Not Started - Bundle 18th Street Dead Ends;	
Santa Maria Loop & 18th Street Upgrade	Distribution system loop in boosted zone- pipe project	\$150,150	\$175,000	Not Started - Bundle 18th Street Dead Ends;	
18th Street/Ramona Loop Upgrade	Distribution system loop in boosted zone- pipe project	\$86,800	\$97,650	Not Started - Bundle 18th Street Dead Ends;	
18th Street/South Bay Loop (Ends on Santa Ysabel)	Distribution system loop in boosted zone - pipe project	\$40,950	? Ask Wallace Group	Not Started - Bundle 18th Street Dead Ends; Need engineer's estimate	

LOCSO Water Capital Improvement Projects Listing



TITLE	DESCRIPTION	AMOUNT FROM 2020 \$ Or other specified	CIP \$ Estimate	STATUS	PRIORITY
10th Street Tank Interior Coating	10th Street tank will need recoating on the interior of the tank.	Pittsburg Tank \$98,407; Superior Tank \$127,300	\$150,000	Exterior work done in FY 20-21	Move to FY21-22 or FY22-23
South Bay Lower Well Rehab and Relining project	New project, the well will need to be fully rehabbed and a liner installed to prolong the life of the well	N/A	\$65,000	Not Started -	Move to FY 25-26
Water Department Heavy Equipment Storage	Construct a 3-sided storage bay to protect heavy equipment and generators	\$30,000	\$30,000	Nate is getting quotes on 3-sided building.	2
Ferrell Avenue Loop Upgrade	Distribution system loop in main zone- pipe project	\$167,475	\$175,000	Not Started	
12th Street/El Moro Upgrade	Distribution loop in main zone/fire flow upgrade- new pipe	\$214,830	\$250,000	Not Started	
10th Street/Santa Maria Valve Replacement	Replaced gate valve	\$50,000	\$5,000	Not Started	
South of Santa Ysabel Valve Replacement@16th Street	Replace gate valve associated with blowoff	\$2,100	\$5,000	Not Started	
14th Street Dead-End Upgrade	Upgrade pipe- improve fire flow to residential zone	\$98,000	\$125,000	Not Started	
7th Street Dead-End Upgrade	Upgrade pipe- from Santa Ysabel going North	\$34,720	\$50,000	Not Started	
El Moro Upgrade	New Pipe- Distribution loop in main zone	\$307,230	\$350,000	Not Started	Low

16th Street Tank South	
From	To
\$279,150.00	\$352,150.00
16th Street Tank North	
From	To
\$232,500.00	\$325,500.00
Totals:	
\$511,650.00	\$677,650.00

LOCSO Drainage Capital Improvement Projects Listing



TITLE	DESCRIPTION	AMOUNT FROM 2020 \$	CIP \$ Estimate	STATUS	PRIORITY
SCADA System Upgrade for Water and Drainage	Design/Construction of SCADA System	\$100,000 Budgeted; 25% Drainage	\$1,000,000; \$250,000 Drainage	Radio Study Completed **Projected costs, based on AECOM engineering opinion. Project to be phased in. First Water, then Drainage	Current
6th & El Moro Drainage Improvement	Pipeline project to run existing pipe to connect to the transmission line from the large pump at 8th & El Moro	Wallace Group is working on this			
COMPLETED PROJECTS					
Bayridge Drainage Pump replacement and Panel Upgrade	Replace drainage pump and control along with control panel at Bayridge facility	\$21,000		Completed FY 2018/19	
Don & Mitchell panel Upgrade	Replace and upgrade panel and controls at Don & Mitchell facility	\$17,000		Completed FY 2018/19	
16th Street Drainage Pump and Controls Upgrade	Replace smaller pump with a larger pump and adjust level controls, to allow efficient operation at this facility.	\$15,000		Completed FY 2018/19	
16th Street Drainage Large Pump Replacement	Large pump at this location has been operating inefficiently, turning on/off for very short durations, cycling has put stress on unit	\$50,000		Completed FY 2018/19	
8th Street Control Panel	Replaced outdate control panel with a new enclosure and all new control to allow proper operation at this location	\$19,647		Completed FY 2017/18	
8th Street Large Pump Replacement	Replaced large drainage backup pump, allowing proper backup operation for large volumes of rain at this intersection	\$59,175		Completed FY 2017/18	