

PROJECT UPDATE

Project	Objective	Status – August 2024
1. Replace Operations Control Electronics for the Water Plant	<p>Replace the computer electronics that allow the Operator to control the plant, secure that control function behind a firewall so as to minimize the risk of being hacked and update the software to comply with state reporting requirement. The primary control-interface panel broke several years ago and was not replaced and the “redundant” windows 7 computer is so antiquated that the vendor will not support the version of the software that is running on it. The software currently running does not comply with state requirements.</p> <p>This project is absolutely critical!</p>	<p>No status changes - Awaiting shipment of electronic and computer components from the water plant vendor</p>
2. Replace Webb Lift Station	<p>The Webb Lift Station, which is long past its serviceable life, is the final link in the sewer system that collects and sends all wastewater to the sanitary plant. This project will replace the building itself and all major components including pumps, controls, generator. The new lift station will provide more capacity to: a) support community growth, and b) allow more rainwater to enter the system as underground pipes age.</p> <p>This project is absolutely critical!</p>	<p>FEMA has awarded \$200,000 of our \$250,000 supplemental funding request. The final \$50,000 is project contingency, to which FEMA did not agree because there is no specific cost identified.</p> <p>The Sanitary District Board appropriated an additional \$25,000 match from Capital Fund Contingency. No loans are expected to be needed. We will keep FEMA apprised of project progress and make an additional request if and when more funding is needed.</p> <p>Contractor is proceeding as scheduled.</p>
3. Upgrade & Bring Current the Business/ Admin Computer and Data System	<p>Provide a standard, viable and secure Information Technology environment (computing, data, security and remote help support) that will run the Districts’ business functions and give authorized access to the Districts’ information.</p>	<p>The new Administrative Computer System – specifically the computer & monitor, Windows OS, local data cloud server with connections to all PCs, automatic local data backup, remote access for tech support - is installed and operational.</p> <p>Remaining work includes licensing and implementing MS Office, activating offsite backups, configuring the</p>

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		virtual connection with the Water Plant to send any alarms to District Staff and configuring the security firewall.
4. Find, Compile, Electronically Store and Provide Access to Required Business Documents	Find, pull together, electronically store/archive and provide secure access to the District documents , e.g., contracts, ordinances, resolutions, minutes, etc. that are required by state law and rules to be maintained	<p>What appears to be all of the Water District Ordinances and Resolutions since 1993 have been recovered. A subset of Sanitary District Ordinances and Resolutions have been recovered.</p> <p>Research is still underway to find the remaining Ordinances and Resolutions and all contractual agreements.</p>
5. Implement an Asset Management System	This project is to identify and track the Districts' plant & equipment maintenance requirements, generate work orders, monitor their completion and provide Management Reporting to the Boards	No status changes - Matt is scheduled to work with the vendor for training and system configuration for 3 days during the week of August 19.
6. Upgrade & Bring Current the Districts' Web Site	This project is to migrate the current web site information to a platform that is more easily managed, supported and can be easily expanded with additional information and functions	Content from the old web site has been loaded onto the new Web Site platform. The structure of the content on the new site is being refined and brought up to date and new information is being added that may be of interest to ratepayers. Also, District personnel are being trained to be able to modify and update the content on the new site. The new site should be launched in September.
7. Inspect Water Lines for Lead	Federal mandate to inspect all lines that distribute water to meters to determine whether those lines contain lead	No status change - 78% completed
8. Address Corrosion in Water Plant	The water plant was designed with fans to vent the marine air and the chlorine gas that is used to purify the water. Both of these elements, chlorine and marine air, are corrosive to metal components in mechanical valves, electrical circuits, etc. As it turns out, since the new plant was brought on-line 10 years ago, the fans have never been run and as such have themselves started to corrode. Furthermore, when a	a) All of the corroded valve actuators (mechanical components) have been serviced and 3 have been replaced. b) Awaiting quote from electrician to wire the fans into an automated control

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	valve would begin to corrode, rather than replacing it, the corroded value would just be swapped for another valve in the plant that is less corroded.	process, c) The critically corroded fan parts still need to be services/replaced, and d) Electrician has inspected wiring and circuitry for faults and corrosion and has identified two critical issues and a number of others that need to be addressed. The wiring critical issue has been fixed and awaiting quote on the circuitry critical issue