



PUBLIC WORKS STATUS REPORT

By Nicholas Bryan
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Month of March 2022

NOTABLE ACTIVITIES

WATER

The month of March in our water operations was full of unscheduled surprise repairs this is also a reminder of the role that our staff is serving to our community our main goal is supplying safe clean high quality water to our customers and we have over come some challenges along the way but our dedicated staff always keep striving to meet our goals.

The middle of March we had our well # 6 go down our operator went to turn on the well and the VFD (variable frequency drive) was throwing error codes we lucked out that the drive was not damaged it turned out one of the power supply relays failed and needed to be replaced this was allot less costlier to replace as the VFD are expensive to replace.

San Juan Hollister rd located near the West end of Copper Leaf subdivision we had a abandoned service line shut off valve fail and was leaking this required excavation in a area that was landscaped we had to remove some shrubs and irrigation pipes to reach the water main below . We repaired the leak and afterwards had to restore the irrigation and landscaping this was a little out of the norm normally our water repairs are located within the street.

North and Second St we started work to replace a broken water valve upon trying to Isolate the water system we started to see new leaks down the line . The leaks turned out to be abandoned water services that were not capped off properly this caused confusion untill we realized the situation , once we figured out that the broken valve was part of a old 2inch line that has been taking out of service we decided that a new valve would not be needed so we made a more permanent abandonment that would not allow a valve to fail causing future confusion. This repair was challenging as the system was difficult to shut down we kept exercising the valves until we finally were able to shutoff the water allowing us to work on the line. I would like to thank the customers for there patience as this water repair ended taking longer then expected.



Failed safety relay
Far right relay
needed to be
replaced



VFD error code well # 6



Water Repair San Juan Hollister Rd



Second / North St water repair

SEWER

This month of March was a productive month. The sewer improvements that we made on Monterey St near Marentis Circle is showing positive signs that the work has improved the flow of sewer located in this area. This is good news for our customers that live in this area. The Ahwahnee sewer lift station has been having problems with one of the pumps routinely ragging up this was addressed by replacing the brass wear ring the wear ring replacement tightens up the clearance between the pump impeller and the volute this helps to prevent debris from catching between the two pump parts since the replacement we once again have had another occurrence of a pump ragging up again. I think its time to consider sending notices to the customers that live in the area as items that should not be flushed down the toilets are being flushed. Public Works has started the whole sewer system annual flush once again this is a annual task that helps improve sewer flow and also helping the operator notice problem areas theses are details the operator notices during the flushing process, grease buildup, excessive debris and non - flushable items this annual task should be completed by the end of April.



Ahwahnee Sewer lift station pump clogged up

BUILDING AND GROUNDS

This Month in our buildings and grounds department was rather routine no notable Public Works activities to report . There is good news that the Franklin Park Project is right on track the contractor is making great progress aim currently not sure when this project is for-casted to be completed but at this pace it looks like the park can be completed by the end of April . The Verrutti park restroom project is underway as the submittals keep coming in for approval . We should see some construction activity soon .



Franklin Park Project

The city has issued a RFP (request for proposal) for the technology upgrade for the City Hall council chambers there has been a long time need for this upgrade especially now that Online meetings have become common place due to the Covid - 19 epidemic .

STREETS/ STORM DRAINS

The month of march was a productive month we had the annual Arts and Crafts Festival happen this was a exciting time due to the lack of events since the beginning of the Covid - 19 epidemic. Public Works sets out the no parking for events also delivering the street closure barricades. This was a good test to get back in the swing of things as the annual Rib Cook Off will take place towards the end of April into May 1st this is a 3 day event that brings in large crowds of folks to town .The large crowds is great for our downtown businesses they can count on increased revenues .

Public works repaired a couple sections of sidewalk located on Second St near the Mission . This area has a lot of tourist foot traffic so its important to eliminate tripping hazards . Public Safety is one of our most important goals and objectives for serving our little community there are many levels of Public Safety but none the less sidewalk safety is one piece of the whole puzzle.



Second St near the Mission sidewalk spot repair this a high foot traffic area .

