



PUBLIC WORKS STATUS REPORT

By Nicholas Bryan
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Month of August 2023

NOTABLE ACTIVITIES

WATER

The month of August was not trouble free as the previous months as we did have a water repair located on North St and a well go down . Water service line needed repair on North St as the copper service line near the corporation stop developed a pin hole leak . The physics of hydraulics is amazing as we were quite surprised to see a pinhole in a pipe cause the street to raise . The service line has been repaired .

August 23rd well 5 was attempted to be started up and the vfd was showing a red screen with ground fault warning . Electrical contractor was called out to determine if the Vfd failed or worse the well pump motor could have failed . Electrical contractor inspection determined that the vfd was ok and that the pump motor had failed . Changing the well pump and motor is a extensive job requiring special equipment to remove the underground piping to gain access to the pump and motor. After removing the piping the piping was in need of replacement this was unexpected as the piping is 5 years old . Well 5 water is high in iron and manganese and this likely caused premature damage to the piping . With all the abundant rains this year the aquifer located at well 1 was able to support the towns water usage there was also enough water to allow the vfd to be increased at the well to increase water production . Historically during the late summer months well 1 cannot support the town alone and normally the well output has to be decreased do to the lower water table . Well 5 has a new motor and pump installed and should be in good shape to serve the town in the years to come .

Well 5 during removal
you can see the pump
and submersible
motor hanging from
the rig .



SEWER

During the month of August the cities collection system did not require any significant repairs or have any (SSO) sanitary sewer overflows . Public works performed (PMP) preventative maintenance practices throughout the month.

BUILDING AND GROUNDS

The month of August was for the most part uneventful except for one of the week end days our city maintenance during restroom cleaning ran into a skunk that some how made its way into the Ball Park restroom and did not want to leave , there was a decision made to leave the door propped open and post a sign on the wall to warn restroom users and count on the skunk leaving . Thank goodness upon cleaning the restroom the following day the skunk was not in the restroom and had left over night . This was a rare situation .

City management and San Juan Bautista Historic Society have been meeting on-site at the Library / Luck Museum grounds to review ADA upgrades and infrastructure improvements for the Museum also landscaping improvements this is great as for sometime now there has been a need for ADA improvements this could really improve facility access for our mobility impaired patrons .

Skunk hanging
out
in the Ball Park
restroom.



STREETS/ STORM DRAINS

August was a great month for street maintenance . Public Works made more progress on the red curb painting through out town , this is a annual task that also benefits parking enforcement as the fresh red paint is hard to miss and makes it clear that parking is prohibited within the red zone .

The Washington under crossing beautification project has broken ground and great progress has been made . Irrigation system has been installed and landscaping has been started to be installed as well as the Mural painting has began and great progress has been made . Early September the mural will be completed and the remaining landscaping and fencing will be installed . This project was funded through the clean California initiative .

Washington under crossing
beautification project in the early
stages

