



PUBLIC WORKS STATUS REPORT

By Nicholas Bryan
Public Works Supervisor

Month of July 2021

NOTABLE ACTIVITIES

WATER

Great news the Microvi Installation has been completed and now were running the skid accessing data during the duration of the Pilot demonstration period this data should show the city how effective this treatment process is this is a exciting time we have come along ways working out some bugs this has been a team effort. The town has a long history and unfortunately also some of the old piping has a long history and is in poor shape in critical need of replacement. Sunday July 25th we had a 4inch water main located at Alameda / Pearce St about 8:30 in the morning Public Works was called out to repair and restore water service the repair was tough going as we called 811 to have the utilities located we called in a short notice to expedite the process but PG&E must have been busy and didn't respond so we had to carefully dig to locate the leak. The leak was located about 3:30pm and we installed a band clamp and stopped the leak. The pictures will show the poor condition of the pipe I can only anticipate more repairs in the future , on a good note the water master plan has a plan put in place to start installing upgraded piping in some of our trouble areas.



Alameda St/Pearce St water main leak



Alameda St/ pearce St water main repair

SEWER

The month of July was a pretty quiet month there was not any sewer main blockages to report I believe that our PMP Preventative maintenance plan that includes annual collection system flush has really helped keep the sewer main clean and clear also in our PMP this includes our monthly hot spot cleaning that has really helped to keep the trouble spots flowing. San Juan Hollister rd sewer lift station that's located on our South end of town has been problematic unfortunately Sunday July the 18th we had a air compressor that broke down causing the level controller to malfunction when this happened the station quit pumping causing a Sewer Over flow that was minor but still required cleanup. This problem has been resolved we purchased a replacement air pump but besides the air pump failure we have believe that there has been further declining pump capacity either do too further Pump impeller damage or wear possibly caused by excessive pump hours due to putting the Microvi System Online that utilizes this station also well#6 back flushes into this station as well contributing to really high flows to offset the higher flows we are going over the final details to purchase 2 new pumps that will have allot higher gpm discharge rate this will make the station more capable to handle higher sewer flows from now well into the future.

San Juan Hollister Rd sewer lift station



BUILDING GROUNDS

Public Works was notified from the local little league that 3 sets of lights were out we changed some bulbs out with no luck then we checked the electrical system and found power was making it too the lights and we were baffled to why we still were not getting the lights to turn on . I think we might have to hire a electrician to help figure out the problem. There has been some damage to our grounds caused by gophers especially located at our City hall no worries we currently have them under control.



Ball Park Stadium lighting

STREETS/ STORM DRAINS

The street painting was slow going this month my goal this year was to start painting the areas that needed it the most so we started painting from 4th and Mucklemi to 4th and The Alameda also we have completed some intersections that were really faded we still have some summer left to paint some other areas especially some on First St we will keep painting as we find the time to round the crew up. Public works also trimmed this tree located on 3rd St Rich Brown from our City of San Jaun Bautista code enforcement helped to notify the owner of the two Jeeps to please have them moved so Public Works could proceed to trim the trees. This was a great example of great team work.

