



PUBLIC WORKS STATUS REPORT

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Month of December 2021

NOTABLE ACTIVITIES

WATER

The month of December was pretty uneventful and routine as normal there was a repair to a water lateral on 3rd St that required a park-let to be moved to allow access to the leaking water lateral this was the first time that Public works encountered a situation where a park-let had to be moved to repair a water line this situation was a eye opener and something that needs to be paid attention too in the future if its decided that park-lets will be permanent in the future , none the less Public works carefully moved the park-let and made the repair that was rather difficult due to the age and condition of the pipe. The upcoming freezes could play a role in causing future leaks especially as shallow as allot of the city water lines are , the shallow depth does make our job of repairing leaks easier but negatively exposes our pipes to vibrations and also makes the cities pipes more susceptible to freezing.



3rd St water lateral leak
a small section of water
lateral was replaced
due to deteriorated
condition of the old
pipe.

SEWER

The morning of December 27 2021 the Rancho Vista subdivision received heavy storm water runoff from the neighboring undeveloped property this runoff over whelmed a drainage system near the Rancho Vista sewer lift station this flooded the lift station site that could have caused excess storm water intrusion to over whelm the pumps but the wet wells main hatch did a great job holding back the standing water allowing the station to keep functioning correctly. Public Works did some emergency sandbagging and some drain clearing to protect the station from standing water this was extra reassurance to help maintain lift station access also minimizing runoff intrusion.



Rancho Vista Sewer Lift Station
after sand bagging and drain
clearing



Rancho Vista Sewer Lift Station before clearing the drains and installing
sand bags.



BUILDING AND GROUNDS

The leaves are done falling in our parks the clearing and picking up the leaves is a ongoing duty until around the end of December especially the Sycamore trees located at Verruti park. Sycamore trees do provide nice shade during the sunny months but are quite messy during the fall season. Mid November into early December is the time of year that we check our facility roof tops , we make sure the roof drains are cleaned and clear this includes cleaning the rain gutters , also the drains on the flat roofs the drains are supercritical that there draining properly . This is a annual task

STREETS/ STORM DRAINS

December 27 2021 brought heavy rains that brought excessive storm water runoff to the city of San Juan Bautista we had 2 areas of flooding each on different ends of town. The South end of town located at The Alameda and Salinas Rd right out of City Limits a creek crossing had become clogged causing a muddy debris flow to flow down the Alameda towards 156. Public works went into emergency mode and cleared the creek blockage restoring correct flow of the creek. The debris flow required extensive cleanup. The city would like to thank the resident volunteers who helped with the cleanup as large areas of sidewalk needed to be cleaned off there was quite allot of slick thick mud covering the sidewalks. The situation has been discussed with the property owner that owns the creek crossing to brainstorm preventative measures to avoid the same situation in the coming years. The North end of town located at the Rancho Vista subdivision we witnessed flooding of the area of the Sewer lift station that I mentioned in the sewer portion of this report also there is annual flooding in the area of the Rancho Vista retention pond system this floods out a walkway that surrounds the pond thats near 3rd st also the work out station becomes flooded out during heavy rain events. public works had to barricade off the flooded walk way for safety , for safety in the future the development needs to consider installing some swing gates that can be closed and locked for pedestrian safety , if this isn't a solution maybe installing drain culverts is a option.



Flooding located at The Alameda / Mission Vineyard Rd
You'll see the Public Works Backhoe working on clearing the creek crossing blockage. There was a lot of debris cleanup after the creek flow was corrected.



Rancho Vista Development Retention pond
flooding