



PUBLIC WORKS STATUS REPORT

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Month of April 2023

NOTABLE ACTIVITIES

WATER

The month of April was a much drier month then the previous month of March that brought extensive flooding through out both ends of town , this drier weather was a much needed break in the extreme weather events . The aquifers that support our wells are topped off , we currently have a abundance of water but we still need to use our water responsibly.

The water system did require some repairs but nothing too major . There was a leaky tapping saddle on Second St that needed replacement the existing saddle had become so deteriorated and corroded that it fell apart upon prepping the pipe for the repair , age of the infrastructure is a big factor contributing to ongoing leaks .

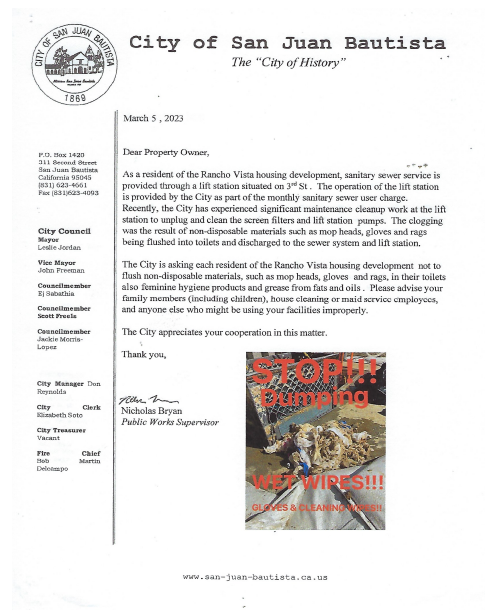
Water Operator
Armando Venegas
changing out a
tapping saddle on the
water main . This
water main is
constructed from
Asbestos concrete
also known as
Transite pipe.



SEWER

During the month of April we did have our Lang St sewer lift station fail to work automatically the lead float switch quit working correctly , this caused pump startup failure, luckily the station was able to pump down manually , our backup replacement parts inventory is very important , we had a brand new float switch in our inventory . Having the replacement switch available allowed for timely restoration of the sewer lift station reducing the chances of having a sewer overflow . The Lang St sewer station high water level float triggered the alarm which called the on-call after hour phone which notified staff of the system failure , receiving the alarm call greatly reduced our response time . This was a reminder how important it is to have remote calling installed and currently we have 4 sewer lift stations that we are maintaining and currently 2 have remote calling capabilities , the goal is to have our remaining stations with remote calling capabilities .

The Rancho Vista sewer lift station has been receiving excessive amounts of foreign objects being flushed into the sewer system which makes it down to the sewer lift station. These objects are items that belong in the trash and they run the risk of clogging the pumps , when the pumps become clogged we have to pull them with a hoist and clean them out , this process takes some time also having the pumps clogged increases the chances of having a sewer over flow . Due to the increase in flushing of illicit items , The decision was made to hand out fliers to the community that live within the Rancho Vista development . The flier was sent as a reminder to avoid flushing foreign objects , this letter is sent annually and it does appear to have helped reduce this activity .



Rancho Vista development sewer letter

BUILDING AND GROUNDS

The month of April is one of my most favorite months . The spring weather is not too hot or too cold and all the critters are coming out from the winter , the flowers are blooming and the landscaping is nice and green no irrigating required , towards the end of next month I forecast that we will need to exercise our irrigation systems to check for repairs to get them them ready for the upcoming dry months .

Verruti Park did need a swing replaced , the manufacturer of the playground makes it easy to order any needed replacement parts , they keep in there records the exact make and model playground that is installed this makes for easy purchasing . The vendor providing our replacement parts and monthly playground safety inspections helps reassure the safety of our playground users . The playground parts are shipped to us from Minnesota , so sometimes the parts do take awhile to reach us .



STREETS/ STORM DRAINS

April was a much dryer month then the crazy month of March that brought with it multiple periods of atmospheric rivers. The wet weather really brings out the development of potholes . Water on our streets and roads finds access in small cracks and low spots and the traffic flow causes hydraulicking which causes weak spots in the pavement to deteriorate and erode causing potholes . Potholes develop more often during the rainy season , this is normal but during years of increased longer periods of rain this tends to contribute to more potholes then average years . The city of San Juan Bautista uses a cold asphalt product for the patching of potholes , this is granite patch product that comes from our nearby Granite Rock quarry . This product really holds up well and its easy to apply during all types of weather compared to a hot patch that needs to be applied at a specific temperature and also requires more prep work for application .

Granite Patch
cold patch asphalt
product

