



**PUBLIC WORKS AND UTILITIES DEPARTMENT
MONTHLY REPORT FOR
MAY 2019**

***Note: New items and updates from last month's report are in bold print.**

PUBLIC WORKS

Natural Gas Distribution:

- Ran new gas service line from main to new home structure Balboa Ct.
- Mounted and had Electrician wire up Watchdogs for Rectifiers
- Installed 8 gas service lines for K. Hovnanian (Promontory Point)
- **Gas Leak Survey was completed by Manesco Corporation 40 Leaks were identified and 31 Leaks have been repaired.**
- **Watchdogs for Rectifiers have been turned on and are operating**

Water Distribution:

- Repaired water leak 244 W Durian
- Repaired water leak behind 296 E. Elm
- Repaired water leak 344 E. Pleasant
- Installed Backflow at airport
- Had 15 Large water meters repaired and tested
- **Repaired water leak 129 Truman**
- **Repaired water leak 504 Hayes**
- **Repaired water leak Derrick and Palmer**
- **Repaired 10" Water main leak Louisiana St.**
- **Repaired 2" water line leak 195 W. Elm**

Wastewater Collection:

- Area 3 Sewer mainline cleaning has begun for preventive maintenance-Completed
- Repaired Sewer manhole on Van Ness and Cedar
- Unplugged and cleaned sewer main from Junction box to waste water plant
Demo of sewer camera system has been done research continues

Sidewalks:

- Project sidewalk gaps and ADA ramps has started and under construction-Project 100% completed

Parks:

Repairs on irrigation systems have continued

New signs have been installed at city parks informing of park hours

Miscellaneous:

- Crack Sealing machine should be arriving within a week and crack sealing will commence. – New Crack Sealing machine has arrived, and crack sealing has begun
- Asphalt compact roller has been ordered-Should arrive in Mid May
- Wood chip should be installed in a few weeks Posa Chante Blvd.-**Waiting on Contractor.**
- Re-Painting of cross walks and Stops around schools started and 80% complete.
- **Cleaned Outlets for storm drains out in creek and Merced basin**
- **Put up signs for Truck Parking for P. D.**
- **New Compact Roller has arrived dig out repairs will begin in a few weeks**
- **2- New service Trucks have been delivered 1 more will be arriving soon.**
- **Painting of Red curbs by hydrants as begun**





Targeted Efforts to Enhance City Image and Business Appeal/Attraction:

No activity for the month of **May**.

UTILITIES

- Northwest Booster Station – P20 is down. Waiting for crane service to pull pump & motor for maintenance repair. **P20 motor & pump have been sent out for repairs.**
- Northwest & Oil King Booster Sta. looking into replacing old air compressors and surge tanks with new equipment. Waiting for quotes
- City wide fire hydrant flushing. **Will began sometime in June**
- Goldsmith Company came out to look at the surge tanks and compressors at the booster sta. and water plant. Waiting for quotes
- Oil King Booster Station – P17 is down. Waiting for crane service to pull pump & motor for maintenance repair. **P17 motor & pump have been sent out for repairs.**
- Oil King Booster Sta. – P17 installed a new 8” water valve on the influent side of the line. **Complete**

PUBLIC UTILITIES COORDINATOR

- 2018 Cross Connection Control report completed. A total of 109 devices were tested and passed (excluding PVB).
- Assisted Savemart with repairs to two 6” and three 8” OSY backflow assembly valves.
- Restored and tested 19 city owned backflows after being offline for winter.
- Installed backflow @ Coalinga Plaza/Cedar
- Installed backflow @ Washington/S. Joaquin
- Received 46 backflow inspection reports for the 2019 year.
- **Revised Backflow & Cross Connection Control Ordinance No. 770.**
- **Implemented Cross Connection Control processes at plan check phase.**
- **Installed new backflow at Coalinga Municipal Airport.**
- **Water Use Survey**
 - Completed Standard Form for Water Use Survey
 - Requested Business License list. This process will take place when Finance migrates their business licensing software to Tyler Technologies next month.
- **SCADA Updates**
 - Assisted in deploying SCADA to a modern Windows environment.
 - Deployed SCADA remote software to new environment
 - Addressed some stability & security concerns
 - Unwired Broadband has become a single source for internet connection at the water treatment facility. Prior, 3 connections were being utilized.

WATER TREATMENT PLANT (WTP)

Alum sludge piles testing report by BSK is back. Matt from Cal Water Services is looking into pricing to haul off alum sludge piles. Matt found us a company out of Chowchilla to haul off the Alum Sludge Piles (\$96. Ton, haul off 250 tons a day) we currently have about 4,000 tons of sludge to be removed. Going to council to get approve to remove 500 tons a year. Contractor to start first of the year. Had to postpone due to weather and too much moisture in the piles. Jim Biscoe Company has hauled off 500 tons of Alum Sludge Piles. Project is complete

Working on quotes for card lock system for rolling gates, control room, shop, carbon room and rapid mix room. Still in progress and waiting on vendors to get back to us. We got a quote from Champi Fence Co. **Charles Seders Construction is installing card lock system for the roll gates & control room doors.**

Champi Fence came out to give quote for new fence and repair fence at both Wastewater and Water Treatment plants. Still waiting on quotes. We received their quote and we are currently looking it over. Still in progress. **Charles Seders Construction has also giving us a quote.**

RFC Control Switches for all three filter buildings are down. Solomon Electric came out to trouble shoot. He can't seem to find the problem. Still on going, have contacted Dan McKay for a little asst. Complete.

UCMR4 Sampling is schedule for March and once every ¼ after that for the rest of the 2019 year. BSK Lab is doing the testing. **Next testing will be June 14 & 28.**

Consumer Confidence Report Annual Drinking Water Quality Report for 2018 has been completed

Coalinga Huron School District is having their water tested for Lead & Copper on March 27,2019. Complete

Telstar – Maintenance on Hypo and Ammonia pumps. Waiting on repair kits for both pumps.

Basin 3 is being taken out of service for yearly maintenance. Basin 3 annual maintenance is complete and back in service. **Basin 3 was taken out of service for three days again due to floc arm chain broken. Chain has been repaired and basin put back in service.**

Rosemounts and tank level sensors are being calibrated by Solomon Electric. **This project hasn't started yet.**

Solomon Electric is working on getting quote for backup Generator for the Water Plant. **On going**

Solomon Electric installed a new timer on the travel bridge for basin 3.

New screens were built and installed at the raw water intake well.

Rec Basin was drained and washed and cleaned out for annual maintenance.

Chemical room flooded on May 3 at 11pm. All pumps, motors and electrical panel were damaged in the flood. Solomon Electric is building new Electrical & PLC panels for pumps and motors to work with SCADA system.

Patriot Environmental Services has started to haul off some of the old chemical that was used years ago and not being used now (Carbon, Sulfur Acid, ect.).

Patriot is also getting us a quote to haul off what is left in the fluoride tank and to wash it out.

WASTEWATER TREATMENT PLANT (WWTP)

Drying beds:

Other items at Wastewater Plant:

- Primary effluent pump installed and operating normally. Second Effluent Pump will be back and installed on Wednesday 1/30/2019. Pump has to go back for repairs. Electrician

wired the pump backwards. May have caused the bowls to come off. Still in Progress. Effluent pump has been sent back for repairs. **Pump should be back mid June.**

- City crew working on getting pond 3 & 4 cleaned by spraying and burning the weeds, cattails and small trees. Ponds 3 & 4 starting to look good, but still have spraying and burning to do. **On going**
- Al is working on getting quotes for new surge tanks and equipment for Northwest & Oil King Booster Station. Goldsmith is coming out to look at surge tank and compressor. **Waiting on quote.**
- Old Rifle Range – City crews have started removing the old tire and cleaning out the dirt inside the tires so that they can be hauled off to the landfill. Still in progress have about 1,000 tires left to dig out the dirt inside them. **All debris has been removed out of the tires. Waiting on recycling company to haul them off.**
- We have Mike Wilson Construction looking at installing a by-pass from the force main to the treatment plant for the Pond Rehabilitation Project. Mike Wilson has a quote in just waiting on council approval. Project to start on 4/23/2019. **By-pass has been complete.**
- **Concrete Yard Boxes and Ponds Rehabilitation Project going out to bid May 28.**

CITY ENGINEER

Project Status Update as of May 31, 2019:

1. Cambridge Signalization
 - a. Caltrans has approved the Encroachment Permit and we are finalizing the Right of Way documents and going to submit the Right of Way package to Caltrans for approval. Once Right of Way is approved we will request authorization for Construction and once approved we will release the project for bidding
 - b. Right of Way documents are being processed for signatures and once all items have been approved the right of way package will be submitted to Caltrans.
 - c. Construction anticipated Summer of 2019.
2. Rule 20A Undergrounding
 - a. City Engineer working with PG&E to underground overhead utilities on Elm Avenue from Cambridge Avenue to just south of Cherry Lane.
 - b. Project moving along slowly and is still years away from construction.
3. Phelps Ave Improvements
 - a. Project construction pushed to spring 2019 by request of WHCC District to prevent construction conflicts with on-site construction of administration building.
 - b. **Received comments from Caltrans regarding plans on 05/31/2019. Currently revising plans and will be resubmitting for encroachment permit.**
4. ATP Cycle 2 – Sidewalk Gap Closure Construction
 - a. **Project has been completed and the Notice of Completion has been filed with the Recorder's Office.**
5. ATP 2017 Cycle 3
 - a. City was awarded additional funds for the project for a total grant amount of \$1,284,000 and a local match of \$175,000.

- b. Scope change was requested to include changes to Sunset Avenue as well as reduce the amount of improvements due to increased construction prices. Anticipate getting a response from the CTC on the scope change at the end of May.
 - c. Meeting with the School went well and the design is taking the information from the meeting into account.
 - d. Topographic survey has been completed and design is underway.
- 6. RSTP - Forest/Truman from 1st to Elm
 - a. City was awarded additional funds for the project for a total grant amount of \$1,400,000 and a local match of \$125,000.
 - b. **Received comments from Caltrans regarding plans on 06/03/2019. Currently revising plans and will be resubmitting for encroachment permit.**
 - c. Anticipate construction in Fall 2019.
- 7. CMAQ - Paving of Various Alleys Ph. 3
 - a. Topographic survey has been completed and design is underway.
 - b. Construction is anticipated in 2019.
- 8. Water Treatment Plant Permanent TTHM Reduction Project
 - a. With Regional Water Resources Control Board review and approval permanent acid storage and feeding facilities changed to liquid CO2 for plant operator safety.
 - b. Design of permanent facilities in progress.
 - c. Anticipate construction in Spring 2019.
- 9. WWTP Concrete Yard Boxes and Ponds Rehabilitation Project
 - a. Bids opened on November 8, 2018 and they came in over budget.
 - b. **Project has been re-released for bidding and bids will be open on June 27, 2019.**
- 10. City Standard Updates
 - a. City Engineer has been directed to begin updated the City Standards to comply with recent standards. The city standards were last updated in 2006.
 - b. Water Standard Plan update to backflow preventer started.

Respectfully Submitted

Pete Preciado, PE
Public Works and Utilities Director