



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

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

**PUBLIC WORKS**

**Natural Gas Distribution:**

- New Gas meter for schools new Mechanic teaching building has arrived and will be installed in Early January-**Gas Meter has been Installed**
- **12 New gas service lines installed for K Hovnanian Homes**

**Water Distribution:**

- Water leak repaired 300 Blk Tyler
- 2" water meter replaced with new 2" radio read meter at 1620 E. Elm
- Large water meters 3" and up will be tested for accuracy Mid -January  
Did flushing on the distribution system
- **Repaired 2" water leak 28972 Phelps Ave.**
- **Repaired 6" Hydrant line Barker & Pleasant**
- **Repaired water service line 405 S. Coalinga**
- **Repaired 1 ½ water leak 192 E. Elm**
- **Relocated 4 water service boxes for K. Hovnanian Homes**

**Wastewater Collection:**

- One New Pump for highway lift station has arrived and will be Installed Early December  
- New Pump for highway lift station has been installed and new spare pump has arrived.
- Sewer blockage 3<sup>rd</sup> and Elm
- Sewer blockage 6<sup>th</sup> to 7<sup>th</sup> between Elm and W. Durian
- **Sewer Blockage Hanes R.V. Park 211 S. Thompson**

**Sidewalks:**

- New sidewalk repair locations have been identified and will began repairs January.
- **Project sidewalk gaps and ADA ramps has started and under construction.**

**Parks:**

**No Activity for the month of January.**

## Miscellaneous:

- Section of Awning behind City Hall had to be removed due to falling new support beams to be installed.
- Four tree stumps have been removed on Baker/Lincoln
- New street name sign installed at E. Valley and S. Hachman
- New street name sign on E. Sacramento / W. Forest that was missing has been installed and missing signs will be replaced as they are identified.
- Remodel of Public works restroom 90% complete- **100% Completed**
- **Installed Traffic Camera for P.D 5<sup>th</sup> and Elm.**
- **5 dead trees are have been removed 298 Washington**

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

No activity for the month of January.

## UTILITIES

- Northwest Booster Station - When the motor and pump run it is leaking at the base plate. Waiting on new gasket. P19 motor and pump have to be pulled. Need new base plate. West Hills Machine will be doing the work. Still in progress **P19 well casing got relined with epoxy coating (30ml). The pump and motor are being reinstalled on Wednesday 1/30/19.**
- Northwest Reservoir water main air vac just below the tank was repair and replace with new air vac. Complete
- Northwest & Oil King Booster Sta. looking into replacing old air compressors and surge tanks with new equipment. On Going
- City wide fire hydrant flushing. **Will began sometime in February**

## PUBLIC UTILITIES COORDINATOR

- **65 completed backflow inspections. 6 failures awaiting resolution by plumber. 36 devices awaiting testing. Testers have been notified but are backlogged. In some cases, testers are awaiting payment to issue the backflow report.**
- Auto-generate notifications based on various parameters set through a database. Complete
- All backflow information imported into appropriate Excel data sheet. This will be upgraded in the future. Complete
- Database has been normalized and SQL backend is 100% complete. Complete
- Database frontend will be MS Access. This must be coded through VBA and is time intensive. 80% completed
- Website information is presently 90% complete and will be finished by Thursday. Presently working with Sean, Eric, Kristi, and Anthony to organize documents. Complete
- Water Treatment Plant has order two backflow devices to replace older models. One of the two new units have been replaced
- Round 2 of backflow inspection notices have been sent out. 13 passed, 5 failed, 41 have no response yet. - Ongoing
- Acquired Cross Connection Program Specialist Certification!
- Installed 4" backflow assembly at Water Treatment Plant, awaiting parts for replacement of 6" backflow assembly. - 50% Complete

- Supporting documents for “water use survey” have been completed. Surveys ready to begin first week of January. – Ongoing
- **Assigned as Web Administrator for new website. Created new content for Public Works Section. Working with Supervisors to fine tune content. Also working with other Departments to put up their information. I am also working to integrate job application software, Agenda handling, form handling, and other such website functionalities. Ongoing**
- **MS4 Stormwater Inspector Training. Complete**
- **Update/repair remote SCADA access. Remote access has been live for one year as of Jan 25. I am going to update devices, server, and repair some connectivity problems that the operators have been experiencing.**

## **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.**

Filter inspections have been started on the filter beds and are still in progress (One a Month). December filter inspection has been done on filter bed 3 & 6. **January filter inspection has been done on filter bed 6.**

Preventive Maintenance – Working on quotes for electrical panels, motor controls, control cabinets and transformers. Project was approved by Council and contractor given notice to proceed. Solomon Electric was awarded the contract for the preventive maintenance project. Contractor started work on October 1. Solomon Electric has completed 100% of the maintenance work

Working on quotes for painting all outside exterior structure Doors, Trim and Iron Gates and the pump house interior walls, ceiling, motors, pumps and electrical panels. Still in progress and waiting on vendors to get back to us. No luck with vendors getting back to us. So, we will try again in the spring time. Still in progress. **We did get a quote back from Dixon Painting.**

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.**

Bogie's Pump Company will be out to service the three pumps on the walking bridge on Basin 3. Bogie's Pump came out to service the three pumps on the travel bridge on basin 3. All three pumps are non-serviceable. All three pumps are 26 years old. We had to order three new pumps under emergency action. Just in case we loss another water treatment basin. Bogie's pump will be out Dec 3, 2018 to install all three new pumps and valves. **Basin 3 is now back in service and running great.**

Basin 3 Sludge Pump was removed and taken to SCI Inc. for repair. Pump should be back on Dec 5, 2018 and installed. Sludge Pump was installed and has been completed.



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.**

Telstar will be out to work on the limited torque valves on filter beds 3 & 4 on Dec. 3, 2018. Completed

Telstar will be out to do their quarterly Acid Cleaning on the OSG Cells. Quarterly cleaning Completed

Air Scour Blower up and running again

Mike Wilson Construction will be out do some valve replacement and run 40' of C900 pipe for the new TTHM Facility starting after the first of the year. **Project is complete with two new valves and 40' of new C900 pipe for the new TTHM Facility.**

Fixed paddle on the Rapid Mixer. **Complete**

Installed new 4" Back Flow Device by Control Room. **Complete**

Water leak repaired at chlorine station by cemetery. **Complete**

Westland Canal will have plant shut down on January 14 -18, 2019 for annual maintenance. City Water Treatment Plant will be down as well. They are asking for the residents to help conserve water at that time. Notices will be mailed out, it will be in the local paper, on the pride sign and on face book.

**Westland Canal annual maintenance went well and the City of Coalinga Residents did a great job in helping the City conserve water.**

**The shop room at the WTP has been painted inside along with some new cabinets.**

**Solomon Electric is installing some new electrical outlet to the WTP Shop room (220 & 120 outlets)**

**Solomon Electric is also installed new Led lighting down at the pump intake sta. by the canal.**

**Basin 1 has been taken out of service for annual maintenance and should be back online Friday 1, 2019**

**Jared, Coti have been working together with Public Works Dept. in helping with rereads, reading meters and shutoff notices**

## **WASTEWATER TREATMENT PLANT (WWTP)**

### **Drying beds:**

The wet well that collects the liquid from the drying beds should have two submersible pumps but one is missing. This back up pump has been missing for as long as any of the operators can recall. Replacing the missing pump will be added to next year's budget. The one pump that has been running for years has finally failed. We replace it with a new Flygt pump and we have a second one on order for back up. Second pump is three weeks out. Still waiting on pump to come in. Pumps has arrived and has been installed. Waiting on HR Electric to come and wire the unit. Completed

### **Other items at Wastewater Plant:**

- Primary effluent pump installed and operating normally. Second effluent pump has been removed and sent to the shop for repair. Council approved repair work quote and contractor has been given notice to proceed with work. Pump is being repaired at this time. SCI is waiting for the Bowls to come in, so they can put the pump back together. Still waiting. **Effluent Pump will be back and installed on Wednesday 1/30/2019.**
- 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. **On going**
- 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**
- WWTP Concrete Yard Boxes and Ponds Rehabilitation Project. **Going out to rebid**
- Old dog pound building is getting painted inside and out. **Completed and they have added some new sidewalks.**
- Working on getting new laptop for daily Dissolved Oxygen Probes for all five ponds. **New laptop should be here 2/8/2019.**
- **New surveillance cameras have been installed around the plant.**
- **We have Mike Wilson Construction looking at installing a by-pass from the force main to the treatment plant for the Pond Rehabilitation Project.**

## CITY ENGINEER

### Project Status Update as of January 29, 2019:

1. Cambridge Signalization
  - a. Plans resubmitted to Caltrans on 12/14/18 based on their recommendations. Anticipate approval of plans or minimal comments within 30 days.
  - b. 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**
  - 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.
4. ATP Cycle 2 – Sidewalk Gap Closure Construction
  - a. RJ Berry, Jr. Inc. is currently working on this project. Completion is anticipated at the end of March.**
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 in the middle of March.**
  - c. Design to begin once meeting with School District is complete.**
  - d. Topographic survey is underway for the project.**
  - e. Anticipate meeting with the School District in March to discuss proposed improvements on California and Baker.**
6. RSTP - Forest/Truman from 1<sup>st</sup> 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. Design complete and plans will be submitted to Caltrans this week.**
  - c. Anticipate construction in Spring 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. All bids were rejected. Currently revising plans and specifications to reduce project scope to within budget and release for bidding with updated documents.**
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