



**PUBLIC WORKS AND UTILITIES DEPARTMENT  
MONTHLY REPORT FOR  
JULY 2020**

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

**PUBLIC WORKS**

**Natural Gas Distribution:**

- 2020 Annual Gas Leak Survey was completed
- Repaired Gas Ballard W. Houston
- **90% of Gas leaks detected from Survey have been completed**
- Repaired broken gas riser E Kinney St.
- Repaired gas leak 601 W. Pleasant
- **Turned gas off to Keck Park due to construction work**

**Water Distribution:**

- Repaired 6" water main leak Derrick and Palmer
- Replaced 1" service line due to leak at 304 Dartmouth
- Replaced 1" service line due to leak 315 Cambridge
- **Replaced Hydrant 900 Blk W. Elm**
- **Repaired water leak 271 E. Pleasant**
- **Repaired water leak 395 E. Louisiana**
- **Repaired water leak 395 Hachman**
- **Repaired water leak 100 Keck Ln.**
- **Replaced 3" water meter 340 W. Cambridge**
- **Flushed water mains Posa Chante, Jayne loop, Alpine**

**Wastewater Collection:**

- Sewer Blockage on Sunflower ran several lines and cleared out several manholes in area.
- **Installed stub out 4" sewer line for Splash Pad**
- **Cleared sewer blockage 7<sup>th</sup> and Sunset**
- **Cleared sewer blockage in front of 450 W. Elm**

**Sidewalks:**

Repaired section of curb in front of 270 Coalinga Plaza

## **Parks:**

Reinstalled basketball rims at both Sandalwood and Centennial Parks

Installed new signs with covid 19 information and rules

**Steamed cleaned and disinfected tables and play structures**

## **Miscellaneous:**

- Crews have been working on median islands making sure watering system are working in prep for contractor median island landscaping. – Continued to adjust and repair leaks and get watering system up and running correctly -Continued
  - Installed High School Banners on City owned light poles-Continued
  - Installed concrete pads for backflows along Cherry Ln.
  - Installed tree stakes on new trees along Washington and Monterey
  - Painted curb yellow Baker/Grant
  - Removed tree that was hit by vehicle in front of 297 W. Elm
  - **Painted new Parallel parking on Cedar 4<sup>th</sup> to 3<sup>rd</sup>**
  - **Installed and removed final set of High School Banners**
  - **Installed Veteran Banners downtown**
  - **Steam cleaned benches and trash receptacles downtown.**
  - **Power washed Mott's fountain.**
- Started Tree trimming city trees**  
**Patched potholes Fresno St. and around town where needed.**

## **UTILITIES**

- City wide fire hydrant flushing. **Complete. Next Flushing Nov 13<sup>th</sup>.**

## **PUBLIC UTILITIES COORDINATOR**

### **Water Plant/Wastewater Video Surveillance**

I was asked to build out a site-to-site networked surveillance system for both the water plant and the wastewater plant.

- In light of recent quotes from American Office Solutions, Public Works has determined that they are able to more cost effectively implement their own solution that performs at a similar level. Design of system is currently in progress.

### **SCADA Updates/WTP Network**

- **Updated SCADA remote systems.**
- **Updated WTP network hardware.**

### **Cross Connection Control**

- Backflow report has been submitted with Annual Water Report
- **Preparation for 2020 backflow inspection reports has begun. Currently 60% complete with necessary preparation work.**

## Natural Gas System

I have been working with the Public Works department and Dan Bergman to help with the Natural Gas Audit of 2018. Additionally, I have been assisting with the response to PHMSA regulatory requirements.

- Resurveyed all points. Found considerable increases in potential readings. With this in mind it is likely sufficient for compliance if a depolarization survey is completed.
- Drafted RFP for depolarization survey. Bids are under review.
- **Awarded bid to Farwest Corrosion Control.**

## 2015 UWMP

I have been asked to draft and submit for proposal on the 2015 UWMP.

- Received notice that UWMP should be ready by end of July.
- **Received draft version of 2015 UWMP. Currently under review.**

## Water System Analysis (MKN)

To move forward with plans to rehab/rebuild Derrick Reservoir, a hydraulic study must be done to see if our current water system configuration can run in four different scenarios while Derrick is offline being repaired.

- **Received final invoice from MKN. MKN provided us with updates to GIS water map, a PDF of water map, and 12 prints of that map.**

## Council Room Modernization

- 98% of the hardware has arrived. Small changes were needed as install came near close.
- All hardware that is on site is installed and functioning properly. Awaiting delivery of final hardware.
- **Completed modernization in council room.**

## Tree & Sidewalk Ordinance

- Submitted staff report for first reading of each respective ordinance.
- **Tree ordinance was passed, but sidewalk ordinance required reworking. Staff report and edits to ordinance have been completed.**

## Palmer & Derrick Reservoir Inspections

Based on information gathered through investigating Derrick Reservoir rehabilitation efforts, there is a potential need for 3 MG additional storage. This is due to a loss of reservoir capacity that will likely come with rehabilitation. Additionally, more investigation is required to determine if the Derrick reservoir roof can be repaired or must be replaced entirely.

- Bids for Palmer came in too high. We only pursued bids to inspect the roof of Derrick reservoir. Work is to be completed by Mistras.
- **Survey of Derrick Reservoir roof has been completed. Awaiting report from Mistras.**

## **Uniform Public Construction Cost Accounting**

- Received notification from the State Controller's Office that everything was in order. We are ready to pursue Uniform Public Construction Cost Accounting.
- Currently organizing methods to track and present all data required by the State.

## **WWTP Improvement Plan**

I am assisting in the coordination of the WWTP Improvement plan, which includes a security system, fence, and automation upgrades.

- **Submitted plans to Tri-City showing proposed upgrade locations of lights and DO sensors.**

## **USBR**

- Submitted 2018 & 2019 updates on water management plan.
- **Submitted corrections to the 2018 and 2019 reports.**

## **WATER TREATMENT PLANT (WTP)**

**CCR final report was filed and submitted to the State.**

City staff is working with Carter Redding on PHA for Fresno County. **In progress**

Hach equipment quarterly maintenance is scheduled for July 6th. **Work Completed. Next scheduled maintenance October 14<sup>th</sup>.**

P15 motor and pump will be out of service. Being sent out for repairs and maintenance. P15 repairs have started. It will take 16 weeks to get the pump bowl sets in. Pump is expected to be return mid September. **In Progress**

VFD quotes for P-1 & P-3. Electric Motor Shop will be installing the VFD. **Work scheduled for the week of Aug. 17<sup>th</sup>.**

OSG cells have arrived and is being scheduled for installation. OSG Cells have been installed and working again. **Complete**

AC unit replacement for hypo building. Garza's AC will be installing the new ac unit once it gets back from being coated. **New AC Unit was installed and complete.**

Westland canal 24-hour algae treatment 7am-7am July 1 -2. Treatment has been completed. **Next algae treatment scheduled for August.**

Anthracite filter media for beds 1, 2 & 4 was delivered. **Installation postponed till fall sometime.**

New Surface Scatter for raw water turbidimeter has arrived and waiting for installation. **Should be installed by the end of September.**

TU5300 turbidimeters being installed. **In progress**

Hypo PLC programmer went out. Had to get Telstar to reprogram the unit. We also order extra part to have on hand.

Alum sledge removal project expected to start mid July. **Project has been pushed back due to having to do biosolid testing for landfill.**

**Sludge drying beds 2 & 3 have been shut down to dry out for scheduled maintenance and Alum removal. Scheduled removal is set for Oct. / Nov.**

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

- 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**
- **Effluent water is being directed radio field. Have three holding ponds & have been ripped for percolation.**
- Control room equipment up grade. **In progress**
- New facility lighting. **In progress**
- Quote for new recycle water meter. **In progress**
- Removing sledge out of the new basin. **Complete. Waiting on parts to divert effluent water to new basin.**

## **ASSISTANT CITY MANAGER**

### **PUBLIC WORKS/UTILITIES**

- **Water/Sewer Rate Study:** Staff held a workshop with the City Council and proceeded with the issuance of a 218 notice for water and sewer rate increases. Notices should be received by residents by the end of August.
- **Street Light Acquisition:** Staff has been researching funding opportunities for the acquisition. Once this has been determined staff will bring to the council a contract to proceed with the next steps.
- **TTHM:** Project is shovel ready and is expected to be funded by the impending future water bond.
- **Derrick Bypass / Reservoir Assessment:** MKN presented the hydraulic analysis to understand the water system as a whole when the City either rehabilitates/replaces the Derrick Reservoir. Staff has been digesting the information which will assist staff in developing a rehabilitation plan for the derrick reservoir.
- **SCADA:** Front end bid documents are under review with bid expectations in August. This project will be funded through 2012 water bond proceeds.
- **Coalinga Water Plant PSM/RMP:** Environmental Permitting Specialist is finalizing all PSM/RMP programs for staff review in the next month. Due to COVID restrictions, finalizing reports and documents have been delayed until site visits are safe.
- **County Inspection (Water Plant):** Fresno County department of environmental health inspected the water plant and provided a correction plan which staff is currently working on to complete in the 30 days given by the County. Staff has completed all of the corrective actions that the County has requested at this time. Once the PSM RMP is complete the final items the County has requested will be addressed.
- **Secondary WWTP Access Road:** The City Engineer is reviewing the location and will then begin working on obtaining the appropriate easements for dedication. Property owners will need to be contacted in the near future. This is a low priority project as this time considering the other items staff is working on.
- Staff is working on policies for property owner responsibility for tree trimming and sidewalk repairs, and an additional policy for construction water.

- **S. Princeton Drainage Issues:** Staff met with PG&E regarding some improvements that they may have caused and as a result of the meeting, PG&E has opened an investigation to the effect and will report back to the City in the next couple weeks as to their conclusions of the workmanship performed by their crews.
- **Training:** None scheduled at this time.
- **Pavement Management System:** The pavement management system is operational, and staff will be utilizing its full potential for determining treatments for streets, budgeting and prioritization. Staff is scheduling a webinar training to learn the new program.
- **Elm/Pacific Parcel Map** – Staff is working with the City Engineer to finalize the parcel map at Pacific and Elm to support future development and the future trail system.
- **WWTP Hydraulic Control Boxes** – Bids have been awarded, contracts have been signed and construction should be taking place in the next 30 days due to fabrication delays.
- **2015 Urban Water Management Plan:** Staff received a draft copy of the UWMP in July and staff is currently reviewing.
- **Garlic Plant Discharge:** The City is preparing for accepting discharge water into the sewer system from Valley Garlic once they installed a screen to capture the organics (peels, skins, etc.).
- Continued discussions with Staff, IGS and City Engineer on developing a long-range **Capital Improvement Program** for the Water and Wastewater Infrastructure in coordination with the water rate discussion.
- **Surge Tanks:** Staff has been working with the oil companies to develop an equitable cost share related to the facilities that the City owns and maintains where the oil companies it serves directly benefit. Staff is developing an RFP to solicit consultants who have the expertise in inspecting the facilities and provide a cost estimate for repairs and maintenance.

## LOCAL STREET PROJETS

- **Center Median Rehab:** The project has been completed and final payment plus retention are currently being processed. A notice of Completion should be filed in the next 30 days.
- **Gale Ave Rehabilitation:** This project is complete.
- **Phelps Ave Reconstruction Project** – Project is nearing completion and the contractor is currently completing their punch list items.
- **Sunset Street Reconstruction:** Plans and Specifications are complete, and the staff is expecting to bid this project in September.

## GRANTS

Staff has been meeting with Blais and Associates on a monthly basis in accordance with their grant contract to review possible grant opportunities. Below is a status update on all grant activity within the Public Works/Utilities and Community Development Department(s):

- **State Parks Per Capita Program:** Staff is developing a scope of work for the \$177,000 the City is allocated in state parks funds. Applications for projects are due by December 31, 2021.
- **HOME** application for housing rehabilitation and first-time home buyer program has been submitted. Staff is awaiting an award notification in August.
- The City's **AHSC** Affordable Housing Grant Application for Pacific and Elm Ave was submitted in February by the deadline. On June 25, 2020 the City of Coalinga was notified that it was awarded funding for the project. Staff is expected to have a kick-off meeting with the development team sometime in late August.
- **STBG (2015):** Forest Phase 4 (Elm -1<sup>st</sup>) – This project is under construction and should be complete by fall due to PG&E Delays, the project will be placed in suspension until PG&E can energize the lights.
- **CMAQ (2015):** Alley Paving – this project is currently under design and expected to go to construction in later 2020.
- **ATP Cycle 3:** Sidewalk Gaps and Safety Enhancements – The City Engineer is

- **CMAQ:** Trail Segments 10-12 – This project is currently under design with the City Engineers office.
- **ATP Cycle 4** – Trail segments, 9, 4 and 3 (portion) – City Council approved a contract between SWCA and the City for environmental services at their August 6, 2020 meeting.
- **STBG (2017)** – Design is currently underway for the Polk Street Reconstruction project from 5<sup>th</sup> Street to Elm Ave. Construction is anticipated for later 2020.
- **CMAQ (2019):** The City was notified of two grant awards that the City applied for in early 2020. Under the CMAQ program the City was awarded an alley project in amount of \$681,000 and another segment of our master trail system in the amount of \$1.1 million.
- **STBG (2019)** – The City was awarded funding for the reconstruction of Polk Street from Elm to Monterey. Design will proceed once authorization has been granted which is expected in 2021.
- **CDBG** – Staff received notice that the City will not be eligible for CDBG funding at this time for Van Ness Storm Drain Project due to the income levels the state has listed for the block in which the project is located. With that, this project will be shovel ready in the coming weeks and staff will be working with Self Help to look into a broader income study or wait for the release of the 2020 census data which is expected to be favorable to the City in terms of eligibility.
- **LSRP** – Staff is currently working on a local safety roadway plan that will allow the City to be eligible for future Highway Safety Improvement Program grant funds. The next cycle of HSIP funding will be in September 2020.
- **LEAP** – The City has applied for housing funds through the local Early Action Planning Grant for \$65,000 in order to support the kickstart to the City's Cottage home program.
- **PLHA** - The City has applied for additional housing funds through the Permanent Local Housing Allocation program to complement the City's Cottage home program by offering down payment assistance and rehabilitation funds to income qualifying residents.
- Wastewater Consultant and City Engineer are working on opportunities for future uses of waste discharge, capital needs, and grant opportunities. -*Ongoing*
- **Clean Water State Revolving Fund Grant Application** – Staff is finalizing the application to be submitted to the state for a planning grant to study needed improvements the waste collection and wastewater treatment plant.
- **Bureau of Reclamation** – Water Energy Grant - Staff is currently working with our grant writers to develop a grant application for implementing Automated Metering Infrastructure so that metering in the future will be completely automated rather than radio/touch and manual reads. This is a long-term plan to apply each year with the goal of complete automation in the future.
- **ATP Cycle 5 Grant** – Staff is currently with B&A on the scope of work for ATP 5, staff is anticipating safety improvements on Polk Street from 5<sup>th</sup> to Willow Springs. This will include sidewalk gaps, cross walks, and a trail segment from Willow Springs to Merced.
- **HSIP (highway Safety Improvement Program) – Cambridge/Elm Signalization** – Bids have been awarded and construction is expected to begin in the next 30-45 days. There has been a delay in Caltrans review and lead time on the signal poles.

## **PARKS**

- **Frame Park Splash Pad:** Public Works staff has completed the preliminary works for the splash pad (sewer/water tie-in & minor tree removal) in anticipation of the contractor installing the splash pad infrastructure. This project is expected to be advertised for bidding in later in 2020 as other prioritized federal projects with strict deadlines are being completed.

## **COMMUNITY DEVELOPMENT**

- **Cottage Home Program** – *Staff is working with Self Help Enterprises on a fund request to obtain program funds to start the development of the cottage home ADU program. This is being accomplished through the LEAP and PLHA programs.*

- Continuing coordination with the County and surrounding agencies regarding Community Choice Solar. *Ongoing*
- *Council Chambers Technology Modernization* staff has completed the majority of the upgrades to the Council chambers and conference room.
- Staff continuing to work with Tyler Technologies on Energov Migration. A go live date is nearing sometime in the Fall.
- Family Dollar building, landscape and sign plans have been approved. Permits are expected to be pulled anytime. No word from FD in the last 3 months.
- Council approved the rehabilitation of the hotel units on Valley Street. Staff issued the approval letter to the applicant with conditions. Awaiting response from applicant.
- The City Engineer is currently reviewing the Luxe Estates Final Map application. This project is located on the northeast corner of La Questa and Phelps. The developer has placed the review on hold until further notice.
- Staff is working with Ranch WIFI on a CUP application for a wireless network within the City of Coalinga. Waiting on additional information from the applicant to accept and begin processing.
- Staff is working on an ordinance that will update the Large Family Daycare regulations to be consistent with State law related to land use.
- Zoning Code 5 Year Update – Staff is continuing to work with the Planning Commission on the 5-year zoning code update going through all sections of zoning code. This is expected to be an ongoing project throughout 2020.
- ZTA 20-02 - Staff is working on an ordinance to update fence setbacks, particularly those on street side reverse corner lots.
- CUP 20-02 – New AT&T Cell Tower (monopine) – The Planning Commission approved this project in July and staff is awaiting confirmation of conditions and submission of building plans.
- ZTA 20-03 – Cannabis Consumption Lounge/Café Ordinance–The City Council approved this ordinance revision in July.
- ZTA 20-04 – Outdoor Cannabis Cultivation Ordinance – The City Council approved this ordinance in July.
- Granite Mining Expansion – Staff is working with Fresno County on an application by Granite Construction to expand their mining permits. The County of Fresno is processing a CUP for the land in the County as well as an environmental document that covers both City and County jurisdiction which will be used by the City when Granite Submits their application to the City for land within its jurisdiction.
- Heritage Park Assisted Living and Alzheimer's Facility – staff recently received an application for a new assisted living and Alzheimer's facility to be located on Phelps Ave west of the CRMC. This is under initial staff review. A hearing schedule has not been established at this time.
- Urb Green Cannabis Cultivation Facility – staff is currently reviewing an application for a 10,000 square foot indoor cannabis cultivation facility on Cody Street. The application is expected to go before the Planning Commission in August.