



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

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

PUBLIC WORKS

Natural Gas Distribution:

- **99 %** of Gas leaks detected from Survey have been completed
- Turned gas off to Keck Park due to construction work
- **Checked on for gas leak 765 E Elm No leak located**

Water Distribution:

- 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
- **Replaced two fire hydrants W. Elm**
- **Repaired water leak 655 W. Polk**
- **Repaired leak 301 W. Polk**
- **Repaired leak 43331 S. Alpine**
- **Repaired leak 340 W. Polk**
- **Installed new water meter and backflow Mid Valley**
- **Water main line Flushing**

Wastewater Collection:

- Installed stub out 4" sewer line for Splash Pad
- Cleared sewer blockage 7th and Sunset
- Cleared sewer blockage in front of 450 W. Elm
- **Cleared sewer blockage 200 Blk Hawthorne**
- **Cleared sewer blockage 4th and Cedar**

Sidewalks:

Nothing to report.

Parks:

Steamed cleaned and disinfected tables and play structures

Started working on repairing lights Sandalwood Park

Miscellaneous:

- Painted new Parallel parking on Cedar 4th to 3rd
- 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.
- **Installed new doggy bag station Phelps multi-trail**
- **Started tree trimming Forest, 2nd, Elm, Pacific**
- **Painted hydrant red curbs in Thursday's route of Street Sweeping schedule**
- **Saw cut section of S. Monterey in prep for shoulder road repair**
- **Replaced 6 faded Stop Signs downtown will continue replacing old signs**
- **Replaced 10 dead trees**

UTILITIES

- City wide fire hydrant flushing. **Next Flushing Nov 13th.**

PUBLIC UTILITIES COORDINATOR

SCADA Updates/WTP Network

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

Cross Connection Control

- Preparation for 2020 backflow inspection reports has begun. Currently 100% complete with necessary preparation work.
- **50 Initial notice to inspect have been sent to backflow owners.**

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.

- Awarded bid to Farwest Corrosion Control.
- **Conducted on/off potential portion of depolarization survey**

2015 UWMP

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

- Received draft version of 2015 UWMP. Currently under review.
- **Reviewed UWMP, awaiting edits from AMCE.**

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

- Completed modernization in council room.

Tree & Sidewalk Ordinance

- Tree ordinance was passed, but sidewalk ordinance required reworking. Staff report and edits to ordinance have been completed.
- **Researching what other cities utilize for a Cost Share program.**

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.

- Survey of Derrick Reservoir roof has been completed. Awaiting report from Mistras.
- **Reviewed report from Mistras.**

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.
- **Submitted a fence plan to Chris from TriCity**

USBR

- 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 **October 14th**.

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-October.**

VFD quotes for P-1 & P-3. Electric Motor Shop will be installing the VFD. **P1 & P3 pumps back in service.**

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 **scheduled for September 9 last treatment.**

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.**

All TU5300 turbidimeters have been installed. Complete

Alum sludge removal project expected to start September or October. 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.**

Derrick Reservoir – RTU / UPS notification system and backup generator transfer switch have been ordered by Solomon Electric.

Calibrate pressure switch on P12 pump back in service.

WASTEWATER TREATMENT PLANT (WWTP)

- City crew working on getting pond 3 & 4 cleaned by spraying and burning the weeds, cattails and small trees. **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. Parts have been ordered.**
- Removing sludge out of the new basin. Complete. Waiting on parts to divert effluent water to new basin. **In progress**
- **Digester blower #1 has been serviced and is back in service.**
- **Sludge pump is being scheduled to be removed for maintenance & repairs.**

ASSISTANT CITY MANAGER

PUBLIC WORKS/UTILITIES

- **Water/Sewer Rate Study:** Water Rate Hearing notices have been released to the public as of September 1, 2020. Staff is preparing to schedule 2 rate increase public forums to allow the public to ask questions and express concerns about the impending rate increase for water and sewer.
- **Street Light Acquisition:** Staff has been working with Tanko to develop a contract that will allow the project to proceed to audit and ultimately the acquisition of the street lights. Contract is expected to go before the Council on September 17th.
- **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 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 winter 2020. This project will be funded through the remaining 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.
- Ordinances related to property owner responsibility for tree trimming and sidewalk repairs has been approved by the Council and staff is currently working on a shared cost program for sidewalk repairs that will be presented to the City Council in the coming months.
- **S. Princeton Drainage Issues:** Staff has scheduled a field visit with PG&E in September to discuss the concerns of drainage and failing roadway.
- **Training:** Staff has participated in the following virtual trainings: Street Saver Pavements Management Program Training and Public Works Expo Fleet Management.
- **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 participated in a webinar training to learn the new program in August.
- **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 is planned to start on September 8, 2020.
- **2015 Urban Water Management Plan:** Staff received a draft copy of the UWMP in July and has scheduled a meeting to provide comments to the consultant in order to finalize the document and conduct hearing.
- **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, ect.). Staff is waiting on Valley Garlic to place screens in the sewer collection system before it becomes online.
- **Capital Improvement Program** Continued discussions with Staff, IGS and City Engineer on developing a long-range plan 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.

- **Water Treatment Plant Solar Facility:** Staff is working with Johnson Controls on a plan to develop a solar facility adjacent to the existing water treatment plant in an effort to address energy costs and find an emergency power solution.

LOCAL STREET PROEJCTS

- **Center Median Rehab:** The project has been completed and final payment plus retention are currently being processed. The notice of Completion has been filed.
- **Gale Ave Rehabilitation:** This project is complete and Notice of Completion has been filed.
- **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 late September.

GRANTS

Staff has been continuing to meet 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** Staff was notified by the State that the City will be receiving an award letter related to the application, however a letter has yet to be received.
- **AHSC Affordable Housing Grant Application for Pacific and Elm Ave:** On June 25, 2020, the City of Coalinga was notified that it was awarded funding for the project. Staff is expected to have a kickoff meeting with the development team sometime in September.
- **STBG (2015):** Forest Phase 4 (Elm -1st) – 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 currently finalizing the design and staff should be reviewing 90% drawings by November 2020 for possible constriction summer 2021.
- **CMAQ:** Trail Segments 10-12 – This project is currently under design with the City Engineers office. Topo work was conducted by CH Robles during the week of August 24th.
- **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. Staff has executed the contract for services with SWCA they have begun work on the CEQA analysis.
- **STBG (2017)** – Design is currently underway for the Polk Street Reconstruction project from 5th 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 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. Staff is currently awaiting an award letter from the State.
- **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.
- **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. Once the Urban Water Management Plan is complete the application will be submitted to the State.
- **Water Meter AMI Pilot Program** – Staff is working with Badger on an Automated Metering Infrastructure pilot program that will be completely automate the meter reading process and possibly eliminate radio/touch and manual reads in the future. More information regarding the pilot program will be presented at the September 17th City Council Meeting.
- **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 5th to Willow Springs. This will include sidewalk gaps, cross walks, and a trail segment from Willow Springs to Merced. Applications are due in October.
- **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:** Plans and Specification are currently being reviewed by Sity Staff and the City is expecting to advertise bids in winter 2020 once other prioritized federal projects with strict deadlines have been 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 6 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.
- 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 submission of building plans.
- 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 application was accepted by staff for review as of September 1, 2020 and hearings are tentatively scheduled for Jan/Feb 2021.
- CDA 18-02 - 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 on September 8, 2020.
- CUP 20-04 – Clermont Capital Partners Outdoor Cultivation Facility – Staff has accepted their Land Use application for review and hearings are set for September 22, 2020.