



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

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

PUBLIC WORKS

Natural Gas Distribution:

- 5 gas service lines installed for D.R. Horton
- 2020 Annual Cathodic Protection Survey was conducted
- **2020 Annual Gas Leak Survey was completed**
- **Repaired Gas Ballard W. Houston**
- **40% of Gas leaks detected from Survey have been completed**
- **Repaired broken gas riser E Kinney St.**
- **Repaired gas leak 601 W. Pleasant**

Water Distribution:

- Repaired 6" water main Derrick and Palmer
- Repaired 4" water main Warthan and E. Pleasant
- Repaired 2" water leak N. Joaquin
- Repaired 1 1/2" Water leak 185 E. Polk
- Installed new Fire Hydrant in Shopping Center 100 blk W. Polk
- Installed 4 -1" Backflows Cherry Ln
- Installed new 2" water service line for Splash Pad
- **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**

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 7th and Sunset**
- **Cleared sewer blockage in front of 450 W. Elm**

Sidewalks:

Nothing to report at this time.

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
Sprayed down and disinfected play structures

Miscellaneous:

- Crack sealed California St. from Washington to Cambridge
- Worked on Cherry Ln medians converting to a deep well system for all trees-Completed
- 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**
- Received 50 trees from “Tree Fresno” from a grant and planted them along W. Forest and Pacific St.
- 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**

UTILITIES

- City wide fire hydrant flushing. **Next city flushing July 23 & 24**

PUBLIC UTILITIES COORDINATOR

LRSP (Local Road and Safety Plan)

LRSP(Local Road and Safety Plan) is a grant fund that is intended to help discover unsafe areas in regard to road safety.

- Received Project ID and Advantage ID from DLAE.

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.

- Annotated changes needed on proposed security system and submitted to American Office Solutions.
- **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

- 185 Backflows have been tested.
- **Backflow report has been submitted with Annual Water Report**

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.

- Coordinated completion of CP survey.
- **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.**

2015 UWMP

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

- Data has been supplied to ACME.
- **Received notice that UWMP should be ready by end of July.**

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.

- Water model is fully completed.

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.**

Tree & Sidewalk Ordinance

- Completed the initial rewrite of our tree and sidewalk ordinance. Currently under review.
- **Submitted staff report for first reading of each respective ordinance.**

Annual Water Report

- Completed annual water report and submitted to the State.

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.

- Drafted RFP outlining needs at both “North” Palmer and Derrick.
- Advertised RFP
- Currently waiting for responses.
- **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.**

Uniform Public Construction Cost Accounting

- Submitted resolution and letter indicating our desire to begin UPCCA to State Controllers office.
- **Received notification from the State Controllers 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 all documents to Tri-City Engineering relative to improvement plan.

USBR

- **Submitted 2018 & 2019 updates on water management plan.**

WATER TREATMENT PLANT (WTP)

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

Hach equipment quarterly maintenance is scheduled for July 6th.

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 returned mid September.
In Progress

South Moss screen is running and currently working.

VFD quotes for P-1 & P-3. In progress quotes being reviewed by staff. **Electric Motor Shop will be installing the VFD.**

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

AC unit replacement for hypo building quotes. Quotes are being reviewed by staff. **Garza's AC will be installing the new ac unit once it gets back from being coated.**

WTP standby backup generator quotes from Cat, Sunbelt & United rental companies. All three quotes being reviewed by staff.

Westland canal 24-hour algae treatment 7am-7am May 20-21. Complete. Next treatment schedule for July 1 -2. **Treatment has been completed.**

Anthracite filter media for beds 1, 2 & 4 was delivered. **Installation will start soon.**

NW Reservoir transmission line air locked again. City crew were able to get air vac working correctly and transmission line back in services. **Complete**

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

TU5300 turbidimeters being installed.

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.

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 to the old school farm now. Radio field repair work. Complete
- 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.**
- **CWS will be covering WWTP for the month of July.**

ASSISTANT CITY MANAGER

PUBLIC WORKS/UTILITIES

- **Budget:** Adopted – Staff is working on scheduling a water/sewer rate workshop with the Council to discuss the needs for the water and sewer enterprise funds.
- **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:** The city engineer is currently preparing the bid documents for review by staff and once complete the project will go out to bid. 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.

- **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.
- **Center Median Rehab:** The project began construction on June 8th and will take approximately 20-30 days.
- **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 working on final items to complete at Centennial and Sandalwood Parks in addition to waiting on the state to confirm funding allocations.
 - **HOME** application for housing rehabilitation and first-time home buyer program has been submitted.
 - 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. More details to come.
 - **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. Due to budget restrictions the shared costs from the sewer, water and gas enterprise funds had to be removed. Staff is proceeding with the original grant scope.
 - **ATP Cycle 3:** Sidewalk Gaps and Safety Enhancements – Staff received notice in early May that the scope change was approved by the California transportation Commission so the project is moving forward and currently under preliminary engineering.
 - **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) – Staff advertised the RFP in March and is currently reviewing proposals. Staff plans to bring a recommended consulting firm before the Council in July.
 - **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 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.
- **2015 Urban Water Management Plan:** Staff is expected to have a draft copy of the UWMP in early July to review and bring before the Council.
- **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.).
- Continued discussions with Staff, IGS and City Engineer on developing a long-range **Capital Improvement Program** for the Water and Wastewater Infrastructure in preparation of a summer water rate discussion.
- Developing a list of amenities for the parks related to the **Per Capita Parks Program**
- **Surge Tanks:** Due to unexpected costs associated with a major pump repair at the water plant, this project will be shovel ready and staff has been entertaining ideas as to how to fund the project.
- **Frame Park Splash Pad:** Public Works staff have 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 July/August 2020.
- Staff is working on policies for property owner responsibility for tree trimming and sidewalk repairs, and an additional policy for construction water.
- **Gale Ave Rehabilitation:** This project is complete.
- **S. Princeton Drainage Issues:** Staff is still awaiting a response from PG&E regarding some improvements that may be cause of the damage. Due to COVID-19, G&E has been reluctant to meet staff on site.
- **Crosswalk on Polk Street at California Street:** A new crosswalk will be installed as part of the Polk Street Reconstruction Project.
- **Training:** None 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.
- **Phelps Ave Reconstruction Project** – Project is nearing completion and the contractor is currently completing their punch list items.
- **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.
- **Sunset Street Reconstruction:** Plans and Specifications are complete and the staff is expecting to bid this project in August/September.
- **WWTP Hydraulic Control Boxes** – Bids have been awarded, contracts have been signed and construction should be taking place in the next 30 days.

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 been working on the upgrades in Council Chambers as well as in the conference room. There are only a few more items that need to be delivered and installed to get the city in a position to begin live streaming meetings once we have returned to normal operation.
- Staff continuing to work with Tyler Technologies on Energov Migration. A go live date is nearing sometime in the summer.

- Family Dollar building, landscape and sign plans have been approved. Permits are expected to be pulled anytime. No word from FD in the last 2 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.
- CDA 17-01 - 150 Hachman Subdivision Map, General Plan Amendment and Re-Zone – This project was approved by the City Council on June 18, 2020.
- CUP 20-02 – New AT&T Cell Tower (monopine) – staff has accepted and currently reviewing an application for a new 70' monopine cell tower to be located behind Dollar General at 117 Truman. Staff will be reviewing the CUP application along with a variance consideration for the height. The Planning Commission will be considering this application on July 14, 2020.
- ZTA 20-03 – Cannabis Consumption Lounge/Café – staff is currently working on a zoning text amendment to establish regulations to permit the consumption of cannabis at licensed retail cannabis operations in the City including allowing for (1) additional retail location in the downtown area. The City Council approved this ordinance revision on June 18, 2020.
- ZTA 20-04 – Outdoor Cannabis Cultivation – staff is currently working on a zoning text amendment to permit outdoor commercial cannabis cultivation with restrictions. The City Council approved this ordinance revision on June 18, 2020.