



**PUBLIC WORKS AND UTILITIES DEPARTMENT  
MONTHLY REPORT FOR  
APRIL 2021**

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

**PUBLIC WORKS**

**NATURAL GAS DISTRIBUTION:**

- **Cathodic protection inspections and repairs on gas meters- Continued**
- Employees received locating training. (Annual requirement)
- Odorant/Pressure testing conducted on gas system.
- Rural inspection on exposed pipeline was conducted.
- **Responded to broken gas meter at 565 S. Coalinga St.**
- **Gas Leak Survey to begin second week in May.**

**WATER DISTRIBUTION:**

- Repaired water leak 6" main Derrick/Palmer
- Repaired water leak Deerfield
- Repaired water leak 166 W. Elm
- Repaired water leak 840 W. Elm
- Replaced 6x2 water meter Fairview mobile home park.
- Replaced 3" meter 31373 W Gale Ave
- Replaced 17 water meters with radio read.
- Conducted Water line Flushing on Distribution System
- **Repaired 2 more leaks on Derrick/Palmer water main.**
- **Replaced 4" water meter at 30933 W. Gale Ave**
- **Replaced 3" water meter at West hills farm of the future**
- **Repaired water testing station at 24863 W. Jayne Ave.**

**WASTEWATER COLLECTION:**

- Cleared sewer blockage 100 blk E. Elm.
- Worked on La Cuesta Lift Station clearing debris from pump.

**SIDEWALKS:**

- Nothing to report.

**PARKS:**

- Nothing to report.

## MISCELLANEOUS:

- Road patching potholes- **Continued**
- Finished Crack Sealing Fox Hollow area also did Garfield Polk/Roosevelt continuing with various streets.
- Installed cages on backflows Cherry Ln.
- Repaired and replaced Runway lights at Airport.
- Washed thermal plastic around school area.
- Installed Stop Sign and Stop Bar Pine and Glenn St. small median to be installed first week in April.
- **Removed 11 trees in prep for ATP3.**
- **Installed new median at Pine and Glenn St.**
- **Continued with Crack Sealing 6<sup>th</sup>, 4<sup>th</sup>, & Ivy St.**

## UTILITIES

- **City wide flushing was done on March 24th & 25<sup>th</sup>.**
- Oil King booster sta. P17 starter parts have been order. **New starter switch was installed on P17 and is back in service.**

## WATER TREATMENR PLANT (WTP)

- **City wide flushing schedule for the week of June 14th.**
- **Derrick by-pass valve quotes for 10" PRV and 10" WV.**
- **Frisch Eng. & Lighthouse working with them on Derrick by-pass and HWY 198 getting signal to SCADA from PRV.**

## WATER TREATMENR PLANT (WTP)

- City staff is working with Carter Redding on PHA for Fresno County. In progress About 90% complete. RMP / PSM have been completed. Training is schedule for March 17. **Training, RMP / PSM Complete.**
- **Hach equipment quarterly maintenance is schedule for the week of May 24th.**
- P15 motor and pump will be out of service. P15 motor and pump have been installed but not in-service coupling problem. **Schedule to be back in service the week of May 24<sup>th</sup>.**
- Calaveras cathodic protection Corpro and Farwest are getting us quotes for replacement anodes and a new Impressed Current system. Corpro will be doing the work and is expected to be out March 4 & 5 to remove old Cp system. New Impress Current system has been installed and is working.
- SCADA System – Light House still doing their investigation on existing conduit lines & wiring in the filter building 5 & 6.
- **SCADA System – Working with Frisch Eng. on Programming Control Strategies.**
- **Westland Water – Flow Meter installation date has been set for May 17<sup>th</sup> & 18<sup>th</sup>.**
- Jennings Consulting Group looking at the WTP ERP & R and R Assessment Plans for the EPA. **Jennings are working on scope of work and cost for ERP.**
- SCI Pumps are looking at our two Sludge & Rec pump that were taken out of service years ago to see about getting them back in service. **They are still doing research.**
- **WTP Annual Report in progress and gathering information. In progress**
- **WTP CCR Report in progress.**
- **MKN & Blackwater Eng. Working on scope of work and cost for updating Emergency Chlorine Disinfection Plan and Watershed Sanitary Survey.**
- **MKN working on scope of work and cost to update Risk and Resilience Plan.**

## WASTEWATER TREATMENT PLANT (WWTP)

- City crew working on getting pond 3 cattails, and small trees. **Ongoing.**
- Control room equipment up grade. **In progress**
- **New Digester blower #1 back in service.**
- Tri City is working on updating WWTP site areas for discharging effluent water permit. **In progress.**
- **Advance Flowline is looking at replacement cost for the Bar Screen Air Actuator.**
- Radio field getting quotes to remove about 1 -2 feet of sludge off the top of the field to get to the sand bed for drainage. In progress Goldsmith const. and Mike Wilson Const. waiting on quotes.
- SCI and West Hills Machine are looking for replacement parts for the Scum pump. **Council approved for new Scum pump SCI will order one.**
- **SWRCB CV-Salt Program – Certificate of Participation & Notice of Intent have been filed with SWRCB.**

## ASSISTANT CITY MANAGER

### PUBLIC WORKS/UTILITIES

- **Water Revenue Bonds:** Bonds have been issued and funds are available. Staff is currently working with Black Water and MKN to development project scopes and cost estimates to begin completing the projects associated with the bond.
- **Street Light Acquisition:** Staff has been working with Tanko and coordinating effort to acquire the streetlights. Staff has included this purchase in the FY22 TDA budget proposal.
- **TTHM:** Project is shovel ready and staff will be meeting with MKN to bid this project and provide construction engineering services.
- **SCADA:** Currently under construction. Expected to be complete in August 2021.
- **Secondary WWTP Access Road:** This is a low priority project as this time considering the other items staff is working on.
- **S. Princeton Drainage Issues:** Staff met with PG&E in March to discuss and is expecting a follow up in the next month or two.
- **Training:** OQ Evaluations have begun and are nearly complete. 4 staff have been evaluated on basic subjects and intermediary levels.
- **Elm/Pacific Parcel Map** –City Engineer to finalize the parcel map at Pacific and Elm to support future development and the future trail system.
- **2020 Urban Water Management Plan:** Staff is working on a new RFP to solicit proposal from qualified engineers to provide the required 2020 UWMP document.
- **Surge Tanks:** Staff is planning to work with Black Water Engineering to provide guidance as to how to proceed with inspections of the facilities.
- **Water Treatment Plant Solar Facility:** Staff is working with the City's real estate agent and awaiting a response from the property owner.
- **Metering Logistics and Streamlining:** Staff is working to streamline meter reading through resequencing various read routes. Also, working to correct the number of rereads issued per month by evaluating commonalities month over month and addressing the issues prior to them being issued as rereads. This could potentially save 40+ hours per week.
- **Natural Gas PHMSA (CPUC) Audit 2020:** On December 15-16, 2020, the CPUC conducted an audit of our natural gas system on behalf of PHMSA. This audit will be focused on our Damage Prevention Program. We are presently awaiting an official response from PHMSA. It is unknown when this will occur.
- **Cathodic Protection Survey:** The 2020 Cathodic survey of our natural gas pipeline has been completed, and staff has received the final report. This survey differs from past surveys, as it identified and addresses different criteria to meet compliance. Staff is happy to report that full compliance with 49 CFR 192 has been achieved.

- **Public Works Training Program:** Work has begun to identify the needs of Public Works regarding training. Most of the efforts focuses on natural gas, water distribution, and Sewer distribution. It will also extend to basic skill sets such as basic electrical troubleshooting. The goal is to create regular intervals of standardized training preparing them to qualify and obtain certifications needed to progress in their career. This program will also include a well-organized training room and simulation environment. Materials to complete the training room have been procured.
- **Utilities Conferencing Room:** Work has been completed to setup a conferencing room at our water plant. The environment includes a ceiling mounted projector, a ceiling mounted speaker, a wide-angle webcam, a group-oriented microphone, and supporting hardware. This environment will allow for training in small groups (remote training) and conferencing.
- **AE Contract:** The FHWA requires that agencies solicit for City Engineer's (CE) every 5 years if that CE is involved with federally funded projects. Without the solicitation and other various rules, the City could potentially lose money granted from the federal government. This process is underway.
- **Street Hump Program:** Staff has begun to form a street hump program in which citizens can vote to have street humps installed at their location. The program overview has been completed, and a draft program document is expected on the June 3<sup>rd</sup> City Council meeting.
- **Phone Systems Upgrade (WTP):** A device that the WTP relied upon for SCADA to warn operators of potential problems during off hours failed. This device was no longer available for replacement. To address the issue now and in the future, a modern phone system was implemented at the WTP. This system is capable of both normal phone calls and is able to interface with SCADA.

## LOCAL STREET PROEJCTS

- **Phelps Ave Reconstruction Project** –The City Engineer will be inspecting the A/C cross section to ensure it meets industry standards once they inspection equipment arrives. This will most likely be conducted in summer once the device arrives.
- **Sunset Street Reconstruction:** Construction started April 5<sup>th</sup> and is expected to conclude in late June.
- **Precision Concrete Cutting:** Staff has entered in a contract with Precision Concrete Cutting. The goal is to conduct a survey of the entirety of Coalinga's sidewalk infrastructure and to note the optimal method to correct deficiencies. District 2's and District 4 have been completed. Inspections of the remaining districts are underway.
- **Cost Share Program:** Staff has refined the cost share program as requested by Council and presented the program for their approval. Approval was granted with the condition of priority for people who have mobility detriments. The application and program will be posted when a budget has been appropriated at the start of next fiscal year.
- **Pine Street Improvements:** Public Works staff completed the work on April 7, 2021.

## GRANTS

Staff has been continuing to meet with Blais and Associates monthly 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 is awaiting a standard agreement in order to proceed with implementation.
- **AHSC Affordable Housing Grant Application for Pacific and Elm Ave:** Staff is waiting on the submission of the standard agreements so that they may be executed and allow the project to start.
- **STBG (2015):** Forest Phase 4 (Elm -1<sup>st</sup>) –The project has been placed in suspension until PG&E can energize the lights. Still no expected energize date.

- **CMAQ (2015):** Alley Paving – Design is complete, and staff is currently reviewing the construction drawings. The project is expected to go out to bid the May 2021 with a start of construction sometime in the summer.
- **ATP Cycle 3:** Sidewalk Gaps and Safety Enhancements – Bid opening is set for May 18<sup>th</sup> and construction is expected to begin in summer 2021. Public Works Crews have been out removing trees and replacing fences in anticipation of sidewalk installation.
- **CMAQ:** Trail Segments 10-12 – This project is currently under design with construction expected in spring/summer 2021.
- **ATP Cycle 4** – Trail segments, 9, 4 and 3 (portion) – CEQA work is currently underway and is expected to be completed by fall 2021. The City Engineer is requesting an extension for CEQA due to Caltrans required Biological surveys which have to be conducted in late spring.
- **STBG (2017) – Polk street (5<sup>th</sup> to Elm)** - Project started on April 5, 2021 and is expected to conclude towards the end of June.
- **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. These are programmed for late 2021 funding cycle.
- **STBG (2019) - Polk street (Elm to City Limits)** – The City was awarded funding for the reconstruction of Polk Street from Elm to the City Limits. Design is currently underway, and construction is expected on FY22.
- **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.
- **MJLRSP** – Staff has entered into a Multi-Jurisdictional agreement with Fresno COG. Previously we had sought an independent contract with TJKM but found a MJ-LRSP to be more advantageous in regard to staff time and cost. With the MJ-LRSP, we would still gain the primary benefits of an independent LRSP; HSIP funding and an analysis of traffic data. The MJ-LRSP selection committee has met and cast our scores on proposals. A review of the initial data is scheduled to occur on May 26<sup>th</sup>.
- **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 has executed the standard agreement and is expected to start work in the summer.
- **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 to 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 presented the AMI pilot program to the City Council at the October 1, 2020 meeting and currently accepting application for participation. Presently staff is working to implement Beacon read data with Tyler. – **May be repetitive.**
- **ATP Cycle 5 Grant** – Staff was notified by COG that the City will be awarded funds for the preliminary engineering phase of the project and staff expects to apply for construction funding this CMAQ cycle.
- **HSIP (highway Safety Improvement Program) – Cambridge/Elm Signalization** – Project is expected to conclude in June as long as the signal poles arrive in early June as anticipated.

## **PARKS**

- **Frame Park Splash Pad:** A bid has been awarded and construction is expected to start in early June.

## 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.*
- *Council Chambers Technology Modernization* has been completed. The entire audio and video network has been rebuilt completely. The modernization included new microphones, microphone mixers, amplifier, speakers, mute control switches, video camera, projectors, projector screens, computer, video switch, and supporting hardware/wires. Staff will be moving on to completing the modernization of the conference room.
- Family Dollar: This project is most likely going to have to go through new approvals as the building plans are no longer valid due to code cycle changes and the site plan review has expired due to the length of inactivity and lack of substantial completion.
- 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 requested that this project proceed with review. City Engineering currently reviewing.
- Staff is working on an ordinance that will update the Large Family Daycare regulations to be consistent with State law related to land use.
- Granite Mining Expansion – Granite has submitted their application for CUP for their expansion in the City limits. Staff is currently reviewing the application and expected to start hearings in June.
- Heritage Park Assisted Living and Alzheimer's Facility – Staff has reviewed the application and scheduling hearings for late May before the Planning Commission and to City Council in June.
- CUP 21-01 – The Planning Commission approved a conditional use permit for a new commercial cannabis cultivation and manufacturing facility at 1951 Mercantile Lane in the industrial park.
- CUP 21-02 – Next Green Wave Facility B – Planning Commission approved this project on March 23, 2021.
- CUP 21-03 – CHRPD Lighting Height Exception - Planning Commission approved the height exception CUP on March 23, 2021.
- CUP 21-06 – Cannabis Cultivation – Staff is currently reviewing an application for a Commercial Cannabis Microbusiness at 1950 Mercantile Lane in the industrial park.
- SPR 21-01 – Valley Garlic Cold Storage Expansion – Valley Garlic has submitted an application for an expansion of their cold storage facility on Enterprise.
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