



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

***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.
- Cathodic protection inspections and repairs on gas meters Route 44 & 45 Complete
- **Cathodic protection inspections and repairs on gas meters Route 42 & 52**
- **Employees worked on completing Operator Qualifications (computer-based training)**
- **Gas Ballard installed @ Tyler & Polk Alley**
- **Repaired Gas meter sets 144/150 E. Durian**
- **Completed Gas valve turning.**

WATER DISTRIBUTION:

- Repaired water leak at 30446 Jayne Ave.
- Repaired water leak 707 E. Valley
- Repaired water leak 301 W. Polk
- Repaired water leak 261 E. Pleasant
- Repaired Hydrant at Mercantile
- Repaired Blow off Pinto St.
- Replaced broken Hydrant Baker @ Fillmore Alley
- Replaced 17 water meters.
- Meter testing was conducted on 13 large meters.
- Installed Valve extension on water valve on Calaveras/Phelps.
- **Changed out 43 water meters to radio reads.**
- **Repaired water leak 300 blk of Hayes**
- **Backfilled hole out at Derrick Tank**
- **Repaired Backflow Pacific St.**
- **Started testing Backflows City irrigation systems.**
- **Repaired water meter box 1645 E. Elm**

WASTEWATER COLLECTION:

- Cleared sewer blockage Elm/Forest Alley
- **Repaired Manholes @ school farm**
- **Cleaned out Lift Stations.**
- **Repaired sonar brackets Sandalwood & Highway lift stations**

SIDEWALKS:

- Nothing to report.

PARKS:

- Nothing to report.

MISCELLANEOUS:

- Installed Street Light Sacramento St. out front Warthan Apt.
- Finished crack sealing Posa Chante area, Hillview, and Keck Ln
- Continued with hydrant painting Quad 1 (Monday sweeping route)-**Complete.**
- Cleared out drainage Garfield/Roosevelt.
- Cleared out storm drains downtown area.
- Removed down tree 718 E. Pleasant.
- **Removed 4 trees on E. Elm in front of Chevron.**
- **Stump grinded 13 tree stumps in prep for ATP3 Project**
- **Road patching potholes**
- **Finished Crack Sealing Stallion Springs Started Fox Hollow area**

UTILITIES

- **City wide fire hydrant flushing is schedule for May 19 - 21.**
- **Oil King booster sta. P17 starter parts have been order.**

WATER TREATMENT 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**
- Hach equipment quarterly maintenance is schedule for February 8. **Completed next one schedule for May.**
- P15 motor and pump will be out of service. Pump is expected to be return mid-February 2021 due to covid. **P15 motor and pump have been installed but not in-service coupling problem.**
- Westland Water canal maintenance 24-hour algae treatment working on 2021 schedule.
- Anthracite filter media for beds 3, 5 & 6 was delivered. Filter media was installed in beds 5 & 6. Filter bed 3 is scheduled to be installed by the end of February. **Filter media in filter beds 3, 5 & 6 has been installed and back in service.**
- New Surface Scatter for raw water turbidimeter had a new bubble trap installed.
- Alum sludge removal - Working with Brisco Enterprises for 2021 schedule.
- Calaveras Reservoir – RTU / UPS notification system and backup generator transfer switch quotes.
- Calaveras cathodic protection Corrpro and Farwest are getting us quotes for replacement anodes and a new Impressed Current system. **Corrpro will be doing the work and is expected to be out March 4 & 5 to remove old Cp system.**
- Telstar did annual maintenance and calibration on the chlorine system and the chlorinators. **Annual maintenance has been completed and working.**
- Sed basin 2 was taken out of service for yearly maintenance and repairs. **90% complete.**
- SCADA System – Light House still doing their investigation on existing conduit lines & wiring in the filter building, the hypo room and intake pumps.
- Westland Water came out and took measurements at the vault for the new raw water flow meter. **Raw water flow meter schedule for some time in March.**

- **Jennings Consulting Group** looking at the **WTP ERP & R and R Assessment Plans** for the EPA.
- **South moss screen** back in service **replace solenoid valve.**
- **Alum pump 2** back in service **replace motor.**
- **Sound and video system** for the conference / training room has been installed and completed.
- **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.

WASTEWATER TREATMENT PLANT (WWTP)

- City crew working on getting pond 3 cattails, and small trees. **Ongoing.**
- Control room equipment up grade. **In progress**
- New recycle water meter was installed.
- Digester blower #1 out of service for repairs.
- Tri City is working on updating WWTP site areas for discharging effluent water permit. In progress.
- Advance Flowline will be installing a chart recorder in the control room for the Recycle water meter. Waiting on parts. **Chart recorder expected to be installed on March 4 & 5.**
- 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.**
- Crew sprayed for weed control WWTP, WTP, all the reservoir site and booster sta.
- **SCI and West Hills Machine** are looking for replacement parts for the **Scum pump.**

ASSISTANT CITY MANAGER

PUBLIC WORKS/UTILITIES

- **Water Revenue Bonds:** Bonds have been issued and funds should be available through the trustee by March 16th.
- **Street Light Acquisition:** Staff has been working with Tanko and coordinating effort to acquire the streetlights. Staff is awaiting funding allocation from the TDA funds to utilize to purchase the lights.
- **TTHM:** Project is shovel ready and is expected to be funded by the impending future water bond.
- **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 will be meeting with PG&E in March to discuss.
- **Training:** OQ Evaluations have begun and are nearly complete. 4 staff have been evaluated on basic subjects and intermediary levels.
- **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.
- **Elm/Pacific Parcel Map** –City Engineer to finalize the parcel map at Pacific and Elm to support future development and the future trail system.
- **2015 Urban Water Management Plan:** this project has been completed and report sent to the State for certification.
- **Surge Tanks:** Staff is planning to wait to hire a water engineering firm for the bond projects 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 the property owner to negotiate price for land.
- **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.
- **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.

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 March/April once the device arrives.
- **Sunset Street Reconstruction:** Construction starts March 18th and is expected to conclude in late May to early 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 inspection has been completed. It seems the cost for repairing lift above ½" for this district will be approximately \$60,000. Repairs for district 2 are starting this week or next.
- **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:** Based on a future agenda item brought forward by councilman Ramirez, staff gave recommendations to improve the intersection of Pine/Glenn. A design was presented to council and accepted. Public Works is currently working to finalize a price on the work.
- **Traffic Speed Study:** An RFP to analyze vehicular speed and usage has been posted to the city website. This study will allow the police department to enforce speed limits on various streets and give Public Works insight to the most heavily traveled roadways. The advertisement will close on April 5th.

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** The City has received its letter awarding program funds for a down payment assistance and housing rehabilitation program. Staff is awaiting a standard agreement in order to proceed with implementation.
- **AHSC Affordable Housing Grant Application for Pacific and Elm Ave:** Staff is expected to have a kickoff meeting with the development team sometime this spring.
- **STBG (2015):** Forest Phase 4 (Elm -1st) –The project has been placed in suspension until PG&E can energize the lights. Still no expected energize date.
- **CMAQ (2015):** Alley Paving – this project is currently under design and expected to go to construction in spring 2021.
- **ATP Cycle 3:** Sidewalk Gaps and Safety Enhancements – The City engineer is expected to bid the project in Spring 2021 for with construction commencing in summer 2021. Public Works Crews will be out in February 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 (5th to Elm)** - Project is scheduled to start in March and conclude towards the end of May.
- **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 programed for late 2021 funding cycle.
- **STBG (2019)** – The City was awarded funding for the reconstruction of Polk Street from Elm to Monterey. 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.
- **MJ-LRSP** – 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.
- **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 and authorization to expend funds.
- **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 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 began construction on November 9th and is expected to be completed in 2021. The only items left on this project are delivery and installation of the signal poles and energizing by PG&E.

PARKS

- **Frame Park Splash Pad:** Plans and Specification are currently being reviewed by City Staff and the City is expecting to advertise bids in spring 2021 once other prioritized federal projects with strict deadlines have been completed.
- **Arborist Services:** Staff has solicited an RFQ for professional arborist services. No responses were submitted.

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. None of the hardware prior to the modernization is being utilized. 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 building, landscape and sign plans have been approved. Permits are expected to be pulled anytime. No Update
- 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 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.
- 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) – Building Permit has been issued.
- 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. CEQA work has been completed and currently under public review. Hearings are expected to begin in April.
- SPR 20-01 – Warthan Place Apartments Phase 2 was approved by the planning commission on December 8, 2020.
- ZTA 21-01 – Cannabis Distance Change – The Planning Commission recommended approval by the City Council and an ordinance will be brought before the Council at their March 18th meeting.
- CUP 21-01 – Staff received an application for a new commercial cannabis cultivation and manufacturing facility at 1951 Mercantile Lane in the industrial park. Staff is awaiting payment of application fees prior to processing. This is expected to take about 30-45 days to review and conduct hearings.
- CUP 21-02 – Next Green Wave Facility B – Staff is currently processing an application for NGW's second cultivation facility at 1921 Mercantile Lane in the industrial park. This is expected to go before the planning commission on March 23, 2021.
- CUP 21-03 – CHRPD Lighting Height Exception - staff is currently reviewing an application from the CHRPD for a height exception for their ball field lights at the sports complex. This is expected to go before the planning commission on March 23, 2021.