

City of Folsom
Utility Commission
Action Minutes
August 20, 2013 6:30 pm

CALL TO ORDER

Chairman Ryan called the meeting to order at 6:30 p.m.

ROLL CALL

Present: Commissioners: Ryan, Davis, Kozlowski, Miklos, Gaylord, Salmon

Absent: Commissioners: Kahlon

Staff Present: Marcus Yasutake, Environmental and Water Resources Director;
Michelle Parks, Administrative Assistant

Others Present: None

1. **MINUTES**

Davis motioned to approve the minutes of March 19, 2013, Miklos seconded the motion.

AYES: Ryan, Davis, Kozlowski, Miklos, Gaylord, Salmon

NOES:

ABSTAIN:

ABSENT: Kahlon

2. **BUSINESS FROM THE FLOOR**

None

3. **DIRECTOR'S REPORT**

Yasutake introduced himself to the Commission as the newly appointed Director of Environmental and Water Resources and expressed his thanks to the members for taking the time to serve on the Commission. He advised the members that AB1234 – Ethics Training required for Committee and Commission members is mandatory must be completed. Also, David Miller, Kent Gary and Marcus Yasutake have set up a yearlong schedule for meetings, which has been sent to the City Manager for his review. Upon completion of the City Manager's review, it will come back to Yasutake and finally, will be submitted to the Chair and Vice Chair for further review before being finalized and shared with the rest of the Commission. Ryan requested communication regarding the Public Works projects and the Utility Commission. Frequently, with Capital Improvement projects, there are roadways that are impacted. A few years ago, Blue Ravine Road was being torn up as part of a utility project, but at the same time there was road work being done through the Public Works Department. By sharing information regarding projects, it would eliminate the possibility of having to duplicate efforts, such as repaving.

4. NEW BUSINESS

- a. Oath of Office – Mark Salmon

Administrative Assistant Michelle Parks administered the oath of office to Mark Salmon.

- b. City of Folsom Water Rights Overview

Yasutake presented information pertaining to the City of Folsom’s water rights. In 1851, the Natomas Water and Mining Company obtained the initial water rights. In 1951, there was a contract between Natomas Water Company and the United States for 32,000 acre feet (AF). In 1964, Southern California Water Company (So-Cal Water) purchased 32,000 AF from Natomas Water Company, including infrastructure. In 1967, the City of Folsom purchased 22,000 AF of So-Cal Water. Finally, in 1994, So-Cal reallocated 5,000 AF to the City of Folsom. The City has a total of 27,000 AF of Pre-1914 Water Rights. Central Valley Project Water 22,000 AF is an agreement between Sacramento Water Agency and the United States. The City was named as subcontract for 7,000 AF. This water is also known as “Fazio Water” by some. Pre-1914 Water is not subject to the Municipal Industrial Shortage policy, which could be up to 25% of our 7,000 AF, which would leave us with 5,200 AF in various water years.

Ryan asked if the Pre-1914 Water Rights were enough to serve the City without any other rights. Yasutake stated they would be sufficient so long as there was water in the lake. Davis stated the Pre-1914 Water Rights are very valuable and should be protected at all costs and thought that the City of Sacramento is the only other agency that has Pre-1914 Water Rights. Miklos requested clarification as to whether the 1994 acquisition of So-Cal water (5,000 AF) was earmarked for the Folsom Plan Area. Yasutake stated that is not the case; the water for the FPA will come from other sources.

5. OLD BUSINESS

- a. (items taken out of order)

- ii. Water CIP Update

Yasutake addressed the Commission and informed them he would be providing an update to the Water Capital Improvement Program. The presentation started with a slide showing the budget for the Water CIPs. He further explained that the sources of funding are varied and include Enterprise funds, impact fees as well as grant funding available through the Department of Water Resources. A map overview of where the projects are at in the City was displayed and Yasutake commented that the projects are not confined to one specific area, but spread throughout the City. The projects vary from developer-funded, City-related O & M (operations and maintenance) or rehabilitation projects. Most of the work is north of Highway 50. The water and sewer master planning for the Folsom Plan Area (FPA) will be done in two phases. The first phase is an initial development of about 2 million gallons per day. They will have their on-site infrastructure, which is all part of their financing plan that they are developing, so it has not been included. Phase 2 would be for full build-out, which would include about 24,000 linear feet of pipe, treatment plant pump station upgrades and additional piping at East Bidwell Street and Old Placerville Road to service the development. Part of the

financing agreement and the agreement with the landowners is to get reimbursement for past project upgrades out at the treatment plant and the pipeline from the dam to the City. This will generate some cash flow back to the City from developers.

Ryan inquired as to where those funds would end up and Yasutake answered they would go back into the Water Fund, which could potentially reduce the likelihood of any rate increases or could be reinvested back into the system.

Salmon asked if there are any rate increases anticipated due to the 20% reduction by 2020 rule. Yasutake replied in the negative, but advised that the Sacramento Regional County Sanitation District's potential upgrades at their wastewater treatment plant will be something to track. However, that is not driven by the City. Yasutake resumed his presentation, showing a map of the backbone infrastructure for the water-related projects that would be required in order to serve the entire build out. The City is currently working with the developers to identify a phasing plan to ensure that we allocate funds accordingly for new design, construction management or inspection services that the City would need. Brown and Caldwell have completed the draft master plan for the FPA and had worked with MacKay & Soms, the engineers hired by the landowners to coordinate the facilities sizing and the phasing. The City will retain some control of the actual projects from planning through construction; typically, the pump stations, tanks and any pressure reducing stations.

Another development that has two phases is the Easton/Glenborough development. There are two different water pressure zones, a lower zone 1 and 1A and Zone 2. We are currently working with Easton Development, LLC on the phasing and the first project they have is a booster pump station and a pressure reducing station. Peterson-Brustad is the design consultant and they are currently developing a preliminary design report for the area that is going to include any environmental and surveying work required. This is developer-funded and the City has already received a check. For developer projects, the City received a scope and fee from a consultant and provides it to Easton Development, LLC for review. Once they approve it, the City will take it to the City Council for approval.

Some of our renewal/rehabilitation projects that we have within the City are the Historic District water rehabilitation project, the Water Treatment solids handling project and the Willow Hill pipeline rehab project.

The Historic District water rehab project is the area just north of Natoma Street, in the alley behind Natoma and Mormon Streets. This project will address aging wastewater and water pipes that are in need of repair/replacement. Some of the water pipes were installed in the 1930's, 40's and 50's and our goal is to slowly but surely get to them all in the Historic District. An item is going to City Council next week for the design work. Water Works Engineers will be doing the water and wastewater design for this project.

The Water Treatment Plant solids handling project will install a project at the treatment plant to treat sludge (or solids) at the plant instead of hiring outside contractors to dispose of it. HDR, Inc. has done the initial phase of this project and will follow up with a secondary phase to do the design for this project. Right now, the City does not have a design build ordinance to do an alternative delivery method, but we do have a second reading going before the Council next Tuesday. If that is adopted, 30 days later we will be able to use that as an alternative delivery method. HDR will supply planning documents which the contractor will be able to use to submit proposal to do the work.

Finally, the Willow Hill Pipeline Rehab project will repair or replace the existing pipeline, which has water loss through leaks and holes in the pipe. This project will be partially grant funded and partially funded by developers. There are about 22,000 lineal feet of pipe and we are working with our consultants, Kennedy and Jenks, to discuss phasing options with the developers.

i. Sewer CIP Update

Yasutake stated that most of the projects are funded from Enterprise funds, some from impact fees but no grant funds. In the Folsom Plan Area, the wastewater backbone infrastructure is what we're focusing on. We don't have wastewater service within the Aerojet/Glenborough/Easton Place development, Sacramento County does, so we don't have any sewer projects in that area; it's all water related.

There will be a new, large pump station located in the Folsom Plan Area. J. Crowley Group developed the master plan for wastewater; the draft plan has been complete and is currently in review. MacKay & Somps as well as the landowners are aware of the planning, the layout and the flow requirements. This will be included in the financing plan and we will maintain project management from planning design through construction of the pump stations and force main.

One thing to note is that Sacramento County Regional Sanitation District develop their master plans for the areas where they receive their wastewater from and if there is a facility within your service area and it's sized to take 10 million gallons a day of wastewater, that is their threshold for that facility to become a regional facility, rather than a city facility. In the initial phasing, it will be a city facility and when it reaches a certain threshold, it will become a regional facility.

Some of the R&R projects are Basin 6 Phase 2, replacing two sewer laterals in Blue Ravine near East Bidwell and one on Orchard Drive behind Raley's is another site. Design is about 90% complete and we are waiting to hear back from the consultant regarding some details, such as which method of digging will be the best for each project.

We currently have 20 or so sewer flow meters spread throughout the city and some of these meters have been in the system 5 to 10 years, so we will be replacing some, moving others to make them more accessible. This went to City Council on the 23rd for design and Water Works Engineers is the design consultant.

There is an existing sewer line on the north side of the river that runs around Hinkle Creek. Brown and Caldwell is the design consultant and we will be rehabilitating about 2,300 lineal feet of sewer line. Construction for this project will begin next summer and will be one of the more significant outreach programs for pipelines due to the pipeline running through backyards and areas that are not easily accessible, so we will need access to these locations.

The Oak Avenue pump station upgrades will replace some existing pumps and there are some internal modifications to the crane system that moves the pumps. Currently they do not sit on center, so we are going to get a crane system that moves better and will reconfigure the piping to allow for better access. Another

item that we are going to install is emergency storage, which will be two 30,000 gallon underground storage tanks that can be used in peak winter flows, as backup in case one of the pumps goes out. This will allow us sufficient response time to put in a sewer bypass pump system, should a pump failure occur. This project will take place in the spring of 2014. Additionally, we currently do not have a pig launching station, which allows a “pig” to be inserted into a force main and the flow behind the pipe moves the pig forward and cleans debris out of the pipe.

The Natoma Alley Sewer Rehabilitation project will run from Stafford down to Coloma, in the alleys. The sewer lines are not in the best locations; they are difficult to access. Right now the pre-design report is approximately 90% complete. Currently, we are trying to nail down the best solution to the physical constraints that occur in this area, where full access to travel the alleys may be restricted. This goes to Council next Tuesday for the design contract.

The force main at Oak Avenue terminates right before we hit Broadstone Parkway or Clarksville, goes gravity down to Iron Point Road and eventually makes it to the regional pump station on Iron Point Rod. We receive odor complaints at Rowberry now and again. HDR Engineering is currently investigating and taking samples. We did a pilot study with Anue Water Technologies last month, where they injected ozone and oxygen into the force main stream and that is supposed to eliminate the odors. We are waiting to hear back from them with the results.

Davis inquired as to whether the most recent cost estimates are holding up against the CIP budget and Yasutake responded that the design estimates are right around the same. We have been fortunate that most of our estimates have been higher than what the actual construction costs came in during bid time. Yasutake further stated that he felt fortunate to have a strong team in his department that works well with the O&M staff because they are the ones that end up taking over the system once it’s designed.

One of the more recent discussions the City has had with the Bureau of Reclamation and they are identifying what their current water year is going to be; they don’t foresee any rationing at this point.

Ryan thanked Mr. Yasutake for his time and a great presentation and welcomed Mark Salmon to the Commission.

6. ADJOURNMENT

The meeting was adjourned at 7:47 p.m.

Submitted,

Michelle Parks, Administrative Assistant

Attachments: Agenda, Draft Meeting Minutes, PowerPoint Presentation handouts