



CITY OF  
**FOLSOM**  
DISTINCTIVE BY NATURE

# Agenda

## Utility Commission Regular Meeting

City Council Chambers | 50 Natoma Street, Folsom CA 95630

September 15, 2020

6:30 PM

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### REGULAR UTILITY COMMISSION AGENDA

*Pursuant to Governor Newsom's Executive Order N-29-20, members of the Folsom City Utility Commission and staff may participate in this meeting via teleconference.*

*Due to the coronavirus (COVID-19) public health emergency, the City of Folsom is allowing for remote public input during City Utility Commission meetings. Members of the public are encouraged to participate by emailing comments to [ucadmin@folsom.ca.us](mailto:ucadmin@folsom.ca.us). Emailed comments must be received no later than thirty minutes before the meeting and will be read aloud at the meeting during the agenda item. Please make your comments brief. Written comments submitted and read into the public record must adhere to the principles of the three-minute speaking time permitted for in-person public comment at City Utility Commission meetings. Members of the public wishing to participate in this meeting via teleconference may email [ucadmin@folsom.ca.us](mailto:ucadmin@folsom.ca.us) no later than thirty minutes before the meeting to obtain call-in information. Each meeting may have different call-in information. Verbal comments via teleconference must adhere to the principles of the three-minute speaking time permitted for in-person public comment at City Utility Commission meetings.*

*Members of the public may continue to participate in the meeting in person at Folsom City Hall, 50 Natoma Street, Folsom, CA while maintaining appropriate social distancing.*

### **CALL TO ORDER**

**ROLL CALL** - Utility Commission Members: D. Groat, R. Hess, D. Kozłowski, M. Moore, B. Mutchler, T. Rood, and T. Widby

### **REPORT ON POSTING OF AGENDA**

Agendas for the Utility Commission are posted at the Folsom City Hall and City website. (Pursuant to California Government Code Section 54954.2, the agenda for this meeting was properly posted on or before 6:30 p.m. on September 11, 2020.)

### **OATH OF OFFICE**

### **BUSINESS FROM THE FLOOR**

This item is intended for comments or suggestions from the public for presentation to the Utility Commission. Any matters discussed before the Utility Commission which are not on the agenda cannot be acted upon by the Commission.

## **MINUTES**

1. Approval of the Minutes of the July 21, 2020 Regular Meeting

## **DIRECTOR REPORT**

### **OLD BUSINESS**

1. Residential Organics Recycling Update

### **NEW BUSINESS**

1. Solid Waste Risk Assessment and Mitigation
2. Copper Pipe Pinhole Leaks

Approved by:

Bob Mutchler, Chair

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### **Future Meetings**

#### **AUGUST RECESS**

October 20, 2020	6:30 pm	Regular Meeting	City Hall
November 17, 2020	6:30 pm	Regular Meeting	City Hall
December 15, 2020	6:30 pm	Regular Meeting	City Hall

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*Copies of the written documentation relating to each item of business described above are on file in the Environmental and Water Resources Department, Folsom City Hall, 50 Natoma St., Folsom, California and are available for public inspection during regular office hours which are 8:00 a.m. to 5:00 p.m., Monday through Friday. We request advance notification to facilitate your requests. Copies of documents may be purchased for \$0.10 per page.*

*Pursuant to State law, this agenda was posted at least 72 hours prior to the meeting at the Folsom City offices, and City website. The City Hall phone number is 916-461-6000. To contact City Hall using a telecommunication device for the deaf (TDD), please call (800) 735-2929 and an operator will assist you.*

*In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Environmental and Water Resources Department at 916-461-6162. Notification 48 hours prior to the meeting will enable the City to make reasonable arrangements to ensure accessibility to this meeting.*

***Please mute or turn off cellular phones, tablets, and other electronic devices during the meeting.***

Oath of Office  
Utility Commission  
Meeting Date: 9/15/2020

DATE: September 9, 2020  
TO: Utility Commissioners  
FROM: Marcus Yasutake, Environmental and Water Resources Director  
SUBJECT: **UTILITY COMMISSION OATH OF OFFICE FOR NEW UTILITY COMMISSIONER**

**BACKGROUND**

New Utility Commissioners are required to take an oath of office prior to assuming official duties.

**DISCUSSION**

City staff will present the oath of office to the newly appointed Utility Commissioners, Daniel Groat. This date also starts the 30-day window for Daniel to file his statement of economic interests.

**ACTION**

Newly appointed Utility Commissioner, Daniel Groat, will complete the oath of office.



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# Utility Commission Regular Meeting Draft Minutes

City Council Chambers | 50 Natoma Street, Folsom CA 95630  
July 21, 2020  
6:30 PM

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*Pursuant to Governor Newsom's Executive Order N-29-20 and as noticed on the meeting agenda, members of the Utility Commission and staff participated in this meeting via teleconference.*

## **Call to Order**

Chair Mutchler called the meeting to order at 6:30 p.m.

## **Roll Call**

PRESENT: B. Mutchler, D. Kozlowski, R. Hess, T. Rood, T. Widby  
M Moore (joined 6:32pm)

STAFF PRESENT: Marcus Yasutake: Environmental and Water Resources Director  
Emma Atkinson: Administrative Assistant, EWR

## **Business from the Floor**

None

## **Minutes**

Approval of the Minutes of the June 16, 2020 Regular Meeting.

Commissioner Widby motioned to accept the minutes.

Commissioner Rood seconded the motion.

Motion carried with the following vote:

AYES: Commissioners Mutchler, Kozlowski, Hess

ABSENT: Commissioner Moore

## **Directors' Reports**

### **New Commissioner:**

Director Yasutake introduced Daniel Groat who was in attendance as a member of the public. It is anticipated that he will take the Oath of Allegiance to join the Utility Commission during the September meeting.

### **COVID-19 Update:**

As of July 1, employees are returning to work, but there is still opportunity for some to work remotely. The City Manager and HR continue to provide updates regarding all employees returning to the office, but currently, there is no set date for this to occur.

**August UC Meeting:**

There will be no meeting in July for the Utility Commission, matching the City Council scheduled recess. The next Utility Commission meeting will be on September 15<sup>th</sup>, and it is anticipated that it will also be a WebEx Meeting.

**Risk discussion:**

In February it was requested that there be opportunity to discuss 'risk'. Commissioners were asked to provide suggestions for more specific topics for discussion to help with preparation.

**New Business****Water Use for January through June 2020:**

Director Yasutake presented data showing billed water usage, and production from the Water Treatment Plant, noting that overall, there has not been a significant difference in the amount of water treated. During this period there was an increase in use by single family residences, but this is to be expected as irrigation use increases with the transition to warmer seasons. There were also increases in commercial water use, which again can be attributed to landscape irrigation. There may have been reduced indoor commercial use, but compared to past years, a larger portion of commercial use is for landscaping due to the development south of 50. Overall, from the perspectives of production and revenue, City water has not been impacted by the pandemic.

**Environmental and Water Resources Fiscal Year 2019-20 Capital Improvement Program****Recap:**

Director Yasutake gave a presentation of all current Water and Wastewater CIP projects, providing an explanation of the project work, status, and anticipated schedule for completion.

**Adjournment**

Meeting adjourned at 7:44pm

**Respectfully Submitted:**

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Emma Atkinson, Administrative Assistant.

**Approved:**

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Bob Mutchler, Utility Commission Chair.

DATE: September 9, 2020  
TO: Utility Commissioners  
FROM: Dave Nugen, Public Works Director  
SUBJECT: **UPDATE ON RESIDENTIAL ORGANICS RECYCLING**

**BACKGROUND**

Public Works Director, Dave Nugen, will provide the Utility Commission an update on Residential Organics Recycling.

**ACTION**

No action needed.

DATE: September 9, 2020  
TO: Utility Commissioners  
FROM: Dave Nugen, Public Works Director  
SUBJECT: **SOLID WASTE RISK ASSESSMENT AND MITIGATION**

**BACKGROUND**

Public Works Director, Dave Nugen, will discuss risk assessment and mitigation for Solid Waste operations.

**ACTION**

No action needed.

DATE: September 9, 2020  
TO: Utility Commissioners  
FROM: Marcus Yasutake, Environmental and Water Resources Director  
SUBJECT: **PRESENTATION ON COPPER PIPE PINHOLE LEAKS**

**BACKGROUND**

Environmental and Water Resources Director, Marcus Yasutake, will present information related to the copper pipe pinhole leaks occurring within residences and businesses. The discussion will include information collected to date, the City's water treatment process, state and regulatory requirements for water quality standards, actions taken by the City and an update on the water quality evaluation and copper pipe forensics analysis.

**ACTION**

No action needed.

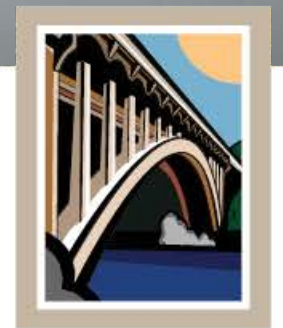




# Utility Commission

## Copper Pinhole Leak Investigation

September 15, 2020



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# Copper Pinhole Leaks



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- First call on July 20, 2020
- City database currently has 660 reported (as of 9/8/2020)
- Reported throughout the City – not isolated to one area
- Trends
  - Mostly houses in the 1980s, 1990s and some early 2000s
  - Mostly on horizontal pipelines
  - Mostly in cold water lines

# Regulatory Requirements for Treatment



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- Bacteriological sampling (total coliform)
- Inorganic chemicals (aluminum, mercury, asbestos, arsenic, etc.)
- Organic chemicals (volatile and synthetic)
- Secondary Contaminants (copper, iron, turbidity, odor, etc.)
- Radiological (radium and uranium)
- Stage 1 Disinfection Byproducts Rule (chlorine residual, total trihalomethanes, and haloacetic acid)
- Stage 2 Disinfection Byproducts Rule (tightens Stage 1 rule)
- Lead and Copper Rule

# Folsom's Water Treatment Process



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- Raw water received from Folsom Reservoir
- Pre-treatment
  - Aluminum chlorohydrate (ACH) – main coagulant
  - Polymers – aid in sedimentation/flocculation
  - Sodium hypochlorite – taste and odor
- Filters
  - Sand/anthracite media filter – purification and clarification of water
- Chlorine Contact Tank
  - Sodium hypochlorite (maintain about 1.2 ppm leaving the plant)
  - Hydrated lime (target pH of 8.2-8.5 leaving the plant) for PH adjustment and corrosion control
- Distribution – actual results
  - pH (ranges from 7.7-8.2)
  - Chlorine residual (ranges from 0.7 ppm to 1.2 ppm) – regulatory range is 0.5 ppm to 4.0 ppm

# City Actions



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- Conducted water quality sampling near affected homes
- Compared results to previous years' results
  - Lab analysis shows water quality parameters consistent with previous years' results
- Contracted with Black and Veatch to:
  - Conduct water quality evaluation and analysis
  - Virginia Tech will conduct pipe forensics analysis
- Routing contract with HDR to conduct similar analysis
- Reached out to other water agencies experiencing similar leaks

# Analysis and Results



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- Analysis and preliminary results expected in mid-September
- Comparison of City's situation to the following:
  - Cobb County Water Service (Georgia)
  - State of Maryland Task Force
  - Washington Suburban Sanitary Commission (Washington, DC)
- City's use of chemicals similar to neighboring water agencies

# Report a Leak, Learn More



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- For questions or to report a pinhole leak:
  - Call 916-461-6190, or
  - Email [waterquality@folsom.ca.us](mailto:waterquality@folsom.ca.us)
- Pinhole Leak Webpage:
  - [www.folsom.ca.us/pinholeleaks](http://www.folsom.ca.us/pinholeleaks)
- Community outreach:
  - News media
  - NextDoor
  - Facebook
  - Twitter
  - E-newsletter
  - City website



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# QUESTIONS?