



**San Francisco Public Utilities Commission (SFPUC)
 Citizens' Advisory Committee (CAC)
 Wastewater Subcommittee**

MEETING MINUTES

**Tuesday, November 10, 2020
 5:30 p.m. – 7:00 p.m.**

PARTICIPATE VIA BLUEJEANS VIRTUAL CONFERENCE SOFTWARE

Meeting URL

<https://bluejeans.com/540492852>

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Meeting ID

540 492 852

This meeting is being held by Teleconference Pursuant to the Governor's Executive Order N-29-20 and the Sixteenth Supplement to Mayoral Proclamation Declaring the Existence of a Local Emergency Dated February 25,2020

During the Coronavirus Disease (COVID-19) emergency, the San Francisco Public Utilities Citizens Advisory Committee's (SFPUC CAC) regular meeting room, 525 Golden Gate Ave., 3rd Floor Tuolumne Conference Room, is closed. CAC Members and SFPUC staff will convene CAC meetings remotely by teleconference. Members of the public are encouraged to submit their public comment on agenda items in advance of the teleconference meeting by emailing comments to ajimenez@sflower.org. Comments submitted no later than 12PM Tuesday day of the meeting will be read into the record by SFPUC CAC Staffing Team members during the teleconference meeting and will be treated as a substitute to providing public comment during the meeting. Persons who submit written public comment in advance on an agenda item or items will not be permitted to also provide public comment on the same agenda item(s) during the meeting.

Mission: The Wastewater Subcommittee shall review sewage and stormwater collection, treatment, and disposal system replacement, recycling, and other relevant plans, programs, and policies (Admin Code 5.140-142).

Members

Misty McKinney, Chair (B-Enviro. Justice) Amy Zock (D6) Anietie Ekanem (D10)
 Marria Evbuoma (D1) Amy Nagengast (D8)

M = Mayoral appointment, B = Board President Appointment

London N. Breed
 Mayor

Ann Moller Caen
 President

Francesca Vietor
 Vice President

Anson Moran
 Commissioner

Ike Kwon
 Commissioner

Harlan L. Kelly, Jr.
 General Manager

OUR MISSION: To provide our customers with high-quality, efficient and reliable water, power and sewer services in a manner that values environmental and community interests and sustains the resources entrusted to our care.



ORDER OF BUSINESS

1. Call to order and roll call 5:32 pm

Members present at roll call: (4) McKinney, Evbuoma, Zock, Nagengast

Members Absent: (1) Ekanem

Members of the Public: None

2. Approve September 8, 2020 Minutes

Motion was made (Nagengast) and seconded (Zock) to approve September 8, 2020 Minutes.

AYES: (4) McKinney, Evbuoma, Zock, Nagengast

NOES: (0)

ABSENT: (1) Ekanem

Public Comment: None

3. Report from the Chair

- Welcome members, staff, and the public
- Welcome new Wastewater CAC member Marria Evbuoma (D1)

Public Comment: None

4. Public Comment: Members of the public may address the Committee on matters that are within the Committee's jurisdiction and are not on today's agenda

Public Comment: None

5. Presentation and Discussion: Overview of the Wastewater Enterprise Collection System Management, Wastewater Enterprise staff

- Greg Norby, Assistant General Manager
- Chris McDaniels, Collection System Division Manager (Acting)
- Michael Tran, P.E., Technical Services Section Manager (Acting)
- Manon Fisher, Resource Recovery Specialist

Presentation:

- Wastewater Enterprise - Organization Structure
- Wastewater Enterprise - Collection System Division Structure
- SF's Combined Sewer System Treatment Facilities
- SF's Combined Sewer System Collection System
- Collection System Overview of Resources
- Combined Sewers are Sized to Convey Stormwater

- Asset Management Activity Alignment
- Asset Management Model
- Sewer Condition Assessment
- CSAMP Model is a Prioritization Tool
- Determining Likelihood of Failure
- Defining “Failure”
- 58% of Pipes are Fully Inspected
- Main Sewer Inspections Since 7/1/2011
- CCTV Footage Picture
- Capital Reinvestment Efforts
- Renewal & Replacement Program
- CSAMP Scores are Used to Prioritize Sewer Replacements
- Sewer Replacement Stats
- 2011 to 2020 Likelihood of Failure Comparison
- Where we’re headed
- Existing Open Cut Construction
- Innovative Solutions – Sliplining
- Innovative Solutions – Pipe Bursting
- Innovative Solutions – Cured-in-Place Pipe (CIPP) or Liner (CIPL)

Discussion:

- **Member Evbuoma** asked, Do we know the long-term effect the used of HDPE plastic use? Plastic tends to leach depending on heat and other conditions, was that a factor in the disadvantages? How long is it supposed to last before there is an leakage of fluid?
Staff Tran replied, Leaching was considered in the characteristics of the wastewater constituents inside the pipe. Generally speaking, the temperature is not very high so leaching is not a high likelihood and will not be detected in the treatment facility. We believe this pipe material can last anywhere from 75 to 100 years. Construction quality is directly associated with the longevity, the material chartists have a similar life expectancy.
- **Member Nagengast** asks, what is the innovation in sewer inspection technology in the last 15 years? Is there currently technology for autonomous data collection devices?
Staff Tran answers, We are looking at sewer artificial intelligence and using technology to become more efficient. As far as software, we currently use Wincan, which is a database that stores all of the media we gather.
Staff McDaniels states, we update our camera every few years and due to technological progress the camera quality is much better. There is currently a unit on the market that cleans the sewer and captures images of the sewer.

Public Comment: None

6. **Presentation and Discussion: [Biosolids Wet Weather Strategy](#)**, Ryan Batjiaka, Resource Recovery Specialist, Wastewater Enterprise

Presentation:

- Historical Practices
- Solano County Wet Weather Season
- Senate Bill 1383 – No more landfills
- Resource recovery – No more landfills
- Transition away from landfill

- This wet weather season no biosolids will go to landfill
- Costs per wet ton (including transportation)
- Further diversification – Soil Amendment Blending
- Further diversification – Mine Reclamation

Discussion:

- **Member Nagengast** asks, What percent of the Wastewater Enterprise budget do we spend on biosolids transportation? What is the total cost? Is there a possibility storage can get percentage of the budget allocation?
Staff Batjiaka replies, right now we are spending \$9.8 million on biosolids management in total, including site management and trucking. A rule of thumb is that trucking is half that costs, this varies on location. We pay a prevailing wage to our truck drives, and this is a rate other agencies do not pay. Yes, we are looking to triple the storage capacity this wet weather system.
- **Chair McKinney** asks, Is the biosolids hauling done by SFPUC, Recology, or contracted out?
Staff Batjiaka replies, It is bid out through a competitive bid process.

Public Comment: None

7. **Staff report**

- Follow up on reporting on Southeast Treatment Plant Air Emissions and Mitigation – how often does the Wastewater CAC members like to receive reports? Wastewater CAC members responded that they would like quarterly reports.

8. **Future Agenda Items and Resolutions**

- Green Infrastructure Program and Resolution Update – *tentatively January*
- Wastewater Communications Update – *tentatively January*
- Environmental Justice Analysis update
- Watershed Stewardship Grants
- Stormwater Management Ordinance and the Southeast Treatment Plant
- Environmental Justice in Capital Projects
- Upcoming Construction
- Green Infrastructure Resolution Update
- Workforce Programs and Qualifications
- Treasure Island Field Trip

Adopted Resolutions for Follow Up

- Resolution in Support of SFPUC Class A Biosolids Local Distribution Program [adopted August 21, 2018](#)
- Resolution in Support of Cityworks Interns Recommendations [adopted in November 21, 2017](#)
- Resolution in Support of Equitable Green Infrastructure Implementation throughout the Southeast Sector of San Francisco and throughout the City [adopted June 20, 2017](#)
- Resolution Urging SFPUC Commission to Initiate Planning and Environmental Review for Building a New Community Center at Third and Evans and to Direct Staff to Develop an Interim Greenhouse Environmental and Workforce Development Program [adopted on October 18, 2016](#)

- Resolution Supporting the SFPUC to Conduct Robust Community Engagement to Determine the Community's Preference for Remodeling Southeast Community Facility at 1800 Oakdale or Building a New Community Center at 1550 Evans adopted on January 19, 2016

9. **Announcements/Comments** The next scheduled meeting of the Wastewater Subcommittee will take place on January 12, 2020. Visit www.sfwater.org/cac for final confirmation of the next meeting date.

- Chair McKinney announces that she will not be seeking reappointment.

10. **Adjournment**

Motion was made (Zock) and seconded (Nagengast) to adjourn the meeting.

Meeting was adjourned at 7:12 pm.

MINUTES