
SACRAMENTO ENVIRONMENTAL COMMISSION

Mark White, Chair
Richard Hunn, Vice Chair
Thomas Malson
Laura Nickerson
Eric Rivero-Montes
Stephanie Holstege
Dr. Anthony DeRiggi
Kayla Rabey

A JOINT COMMISSION APPOINTED BY:
County of Sacramento
City of Sacramento
City of Isleton
City of Folsom
City of Galt
City of Elk Grove

MINUTES

Monday, November 28, 2022 6 p.m.

Meeting held via Zoom only.

Join ZoomGov Meeting

<https://saccounty-net.zoomgov.com/j/1608752767?pwd=cW9LaXFXL0ZkaE95ZFFReURtTlh3QT09>

Meeting ID: 160 875 2767

Passcode: 548412

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ITEM

- 1 Call to Order – Chair White
Meeting was called to order at 6:00 pm.
- 2 Roll Call – Staff Secretary
Commissioners present: Mark White, Richard Hunn, Laura Nickerson, Stephanie Holstege, Tom Malson, Eric Rivero-Montes, Dr. Anthony DeRiggi, Kayla Rabey
- 3 Introduction of Commissioners
- 4 Public Comment
*Members of the public have three minutes to comment on each separate item including any matter not on the posted agenda.
There was no public comment.
- 5 Waste Water Surveillance- Lisa C. Thompson, Ph.D. Chief Scientist and Mike Huot, Director of Policy and Planning, Sacramento Area Sewer District

Regional Sanitation has utilized wastewater-based epidemiology (WBE) as a public health tool to

track chemicals, viruses, and drug use. Human excretions collect in sewers, is analyzed and then may act as an early warning to public health officials that infectious diseases are on the rise. COVID 19 was targeted during the pandemic to assist the health department identify communities at risk.

Regional San's participation in WBE during COVID 19 included considerations regarding time and money commitments, benefits to customers and their responsibility as a large agency. Samples are collected daily or weekly, depending on the programs. Wastewater influent and primary solids are collected and sent to outside labs for analysis of targeted diseases. Stanford publishes results via Sewer Coronavirus Alert Network (SCAN). Another analysis dashboard is published by Biobot which shows viral material concentration as well clinical cases in each region along with geno sequencing.

Results of WBE during COVID 19 were communicated to the media, County and State Public Health, Regional San staff and the Board of Regional San. Current WBE sampling is monitoring for influenza A, respiratory syncytial virus, human metapneumovirus and monkey pox. On a national scale there are approximately 400 wastewater treatment plants sampling.

Twenty seven countries have live dashboards of WBE sampling results. There is future opportunity to permanently add wastewater based epidemiology sampling on a larger scale to the suite of services already provided by wastewater treatment plants. The CDC has a National Wastewater Surveillance System site with analysis results provided by Biobot.

There are outstanding research policy and public health issues for WBE; flow of water, rain event dilution, concentrated vs unconcentrated sampling, freezing samples etc. Sub sewershed scale sampling can lead to finer scale data for a targeted public health approach but this can create legal issues regarding privacy. Further upstream sampling decreases anonymity.

6 Sacramento County Sustainability Update- John Lundgren, Sustainability Manager

The next meeting on December 8th will include County organizational structure and rule making processes to inform new members. The Climate Action Plan hearing was postponed until 2023. The City of Sacramento has adopted an electrification ordinance. SMUD is working on clean energy sourcing by 2030.

John Lundgren facilitates a monthly meeting with local entities who have signed the no cost MOU to coordinate efforts regarding building electrification. Jennifer Venema facilitates a monthly meeting for local entities on Sustainability. Regional government bodies routinely coordinate efforts.

7 Approve October 17th, 2022 Meeting Minutes

Edits to October Minutes: Stephanie Holstege was absent, and did not vote on any items. Correct misspelled name of DeRiggi.

Motion to approve the minutes after revisions made by Tom Malson seconded by Dr. Anthony DeRiggi.

Ayes: Mark White, Richard Hunn, Tom Malson, Laura Nickerson, Eric Rivero Montes, Kayla Rabey, Dr. Anthony DeRiggi

Noes: None

Abstain: Stephanie Holstege

Minutes approved.

8 Approve 2023 SEC Meeting Calendar

Motion to approve 2023 calendar made by Laura Nickerson seconded by Eric Rivero Montes.

Ayes: Mark White, Richard Hunn, Tom Malson, Laura Nickerson, Eric Rivero Montes, Kayla Rabey, Dr. Anthony DeRiggi, Stephanie Holstege

Noes: None

Abstentions: None

2023 Calendar approved.

9 EMD Director's Report- Jennea Monasterio, Director of Sacramento County Environmental Management Department

10 SEC Chair 2023 Nomination and Vote

Richard Hunn nominated Laura Nickerson for 2023 Chair and Laura Nickerson accepted. Unanimous vote for Laura Nickerson to assume Chair in 2023.

Ayes: Mark White, Richard Hunn, Tom Malson, Laura Nickerson, Eric Rivero Montes, Kayla Rabey, Dr. Anthony DeRiggi. Stephanie Holstege

Noes: None

Abstentions: None

11 SEC Vice Chair 2023 Nomination and Vote

Eric Rivero-Montes nominated Stephanie Holstege for Vice Chair and Stephanie Holstege accepted. Unanimous vote for Stephanie Holstege to assume Vice Chair in 2023.

Ayes: Mark White, Richard Hunn, Tom Malson, Laura Nickerson, Eric Rivero Montes, Kayla Rabey, Dr. Anthony DeRiggi. Stephanie Holstege

Noes: None

Abstentions: None

12 Discuss/Vote on Money Collection To Purchase and Donate a PurpleAir Air Quality Monitor Donation To a Local High School

Tom Malson is continuing outreach to local high schools. Cost of purple air unit is approximately \$300-\$350. Motion to continue item to January meeting made by Laura Nickerson and seconded by Eric Rivero Montes. Item is continued to January meeting for discussion.

Ayes: Mark White, Richard Hunn, Tom Malson, Laura Nickerson, Eric Rivero Montes, Kayla Rabey, Dr. Anthony DeRiggi. Stephanie Holstege

Noes: None

Abstentions: None

13 Report Back on SEC Commissioner Monitoring of Environmental Issues and Agencies

14 Commissioner Comments

- Volunteers for 2023 Topics subcommittee (5 maximum). Stephanie Holstege, Anthony DeRiggi, Tom Malson, Richard Hunn, Eric Rivero Montes.
- Dr. Anthony DeRiggi mentioned Rancho Cordova being invited to join the SEC. Discussion took place regarding the last few invitations to Rancho Cordova as recently as 6 months ago and their decision not to pursue joining.

15 Next Meeting- January 23, 2023 6:00 p.m. via Zoom
Meeting adjourned at 7:27 pm.

This meeting is being recorded in its entirety and will be available the following day. Agendas are posted in the offices of the City of Sacramento, Folsom, Galt, Isleton, Elk Grove, and the County of Sacramento and also on the EMD Website at: emd.saccounty.gov. Agendas are also forwarded to interested parties upon request.