



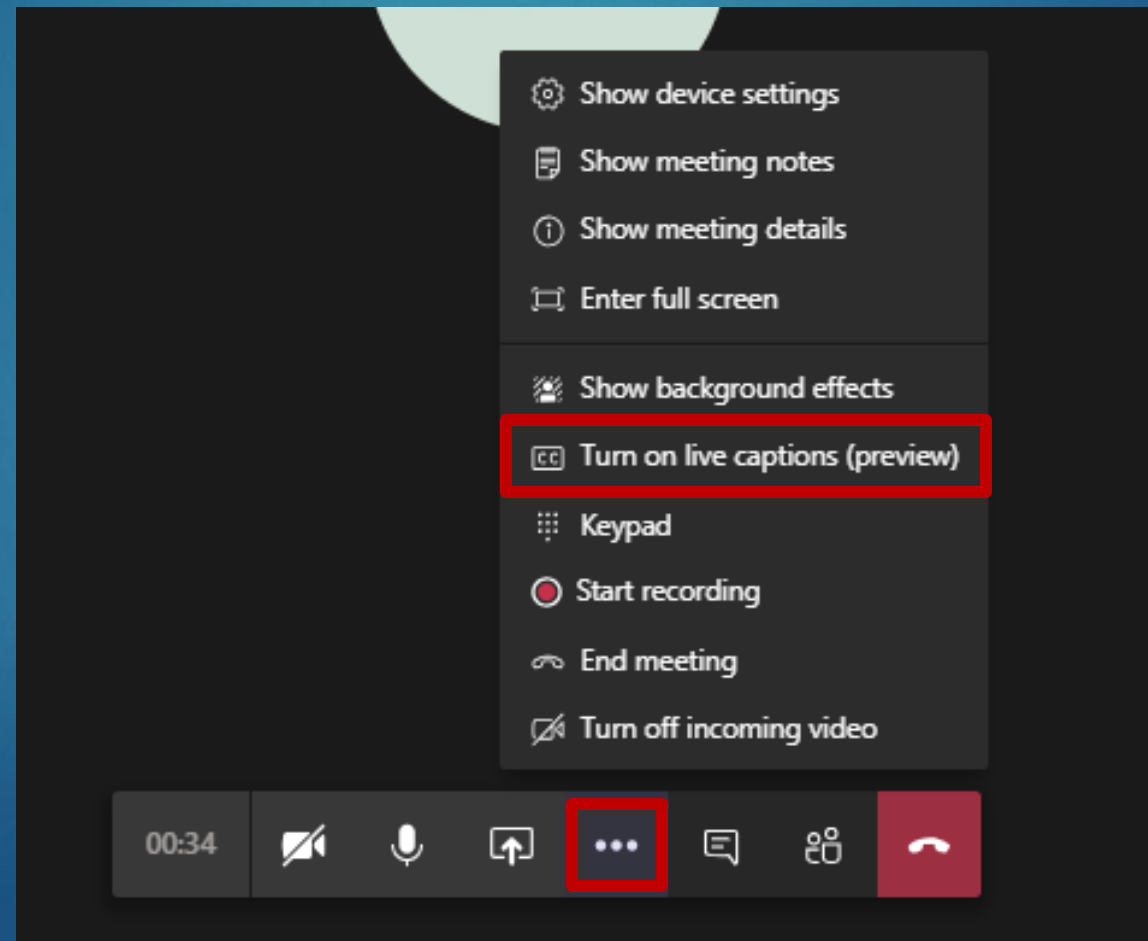
Silicon Valley Clean Water Commission Meeting

NOVEMBER 15, 2021

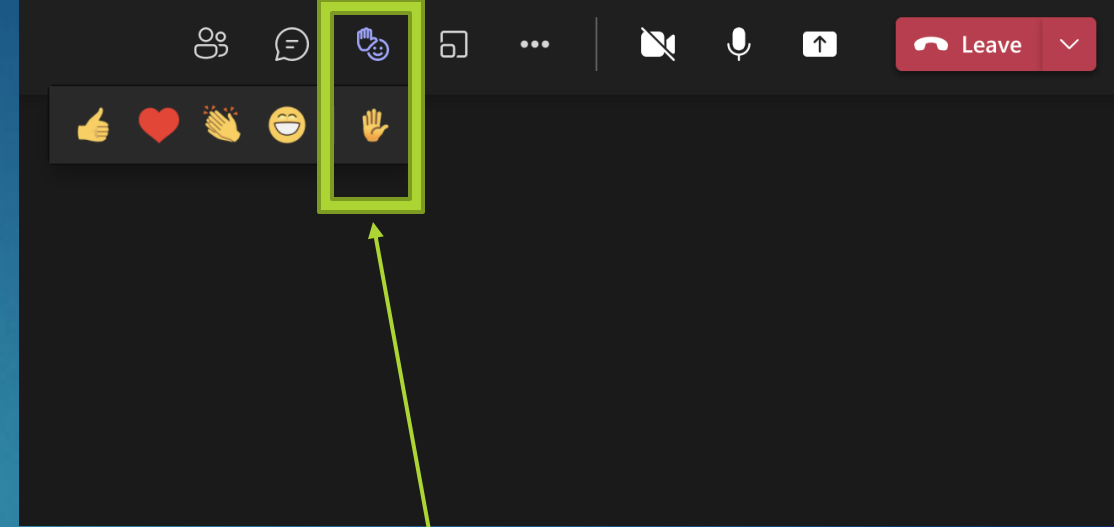


Turn on Live Captions

- ▶ To turn on live captions, go to your meeting controls and select **More actions ...** > **Turn on live captions (preview)**.



Public Comment



► To provide public comment during the meeting: _____

- Click on raise hand button
- SVCW will unmute member of the public
- State your name and make your comment
- Three minutes is provided for comment



Agenda Item 5B

Manager's Report Phishing Exercises

Cyber-Security @ SVCW

- ▶ Largest risk = employees' practices
- ▶ SVCW has a security awareness program

Question: how effective is the program?

Answer: run "phishing" tests to measure

Phish testing



▶ 2019: roll-out phishing tests

- ▶ Measure clicked links, opened attachments, etc
- ▶ Results got better over time
- ▶ Reached 1% “success”

▶ 2021: increase test sophistication

- ▶ Initial results worse than industry standard (18% vs 16%)
- ▶ After 1 month, results better than industry standard (16% vs 11%)
- ▶ If a test is failed, additional training is assigned





Agenda Item 8A

Remote Commission Meetings

Commission Meetings Attendance



- ▶ Remote Meetings Allowable
- ▶ Per AB361 Amendment to CA Gov't Code
 - ▶ Waiver of in-person meeting requirements under Brown Act
- ▶ State/Local Officials recommend measures re: social distancing
- ▶ In-Person Meetings pose Imminent Risk to Health and Safety of Attendees
- ▶ Reconsider / Make Findings every 30 Days

Recommendation

Adopt Resolution Allowing for Remote
Teleconference Meetings under Emergency
Conditions related to Covid-19



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Agenda Item 8B



Academic Advisory Committee – Agreements

BACKGROUND

The logo features a stylized blue water drop on the left. To its right, the text "WATER RESOURCES UTILITY OF THE FUTURE TODAY" is displayed in a bold, sans-serif font. "WATER RESOURCES" is in a lighter blue, while "UTILITY OF THE FUTURE TODAY" is in a darker blue. The background of the slide shows a water treatment facility with large storage tanks and industrial equipment under a clear sky.

WATER RESOURCES UTILITY OF THE FUTURE TODAY

- ▶ Past 13 Years Focus:

- ▶ Upgrade existing facilities for reliability, operational readiness, and regulations

- ▶ Current Transition:

- ▶ From water pollution control to resource recovery
 - ▶ Emerging technologies and operating strategies support this transition
- ▶ Opportunities exist to optimize our facilities' investments through innovation

Purpose

- ▶ Optimizing our Facilities Requires Key Decisions
- ▶ An Advisory Committee will
 - ▶ provide guidance and perspective on expected impacts of innovative processes and control strategies
 - ▶ review information provided by Operations, Process Control and Engineering staff
 - ▶ vet ideas proposed by consultants designing capital improvements
- ▶ We have the honor of working with 3 world renowned professors who share a wide range of water and wastewater expertise.



Dr. George Tchobanoglous

- ▶ Professor emeritus in the UC DAVIS Department of Civil and Environmental Engineering.
- ▶ An international figure on wastewater treatment, management, and reuse.
- ▶ Widely recognized for promoting the use of new technologies
- ▶ Authored or co-authored over 590 technical publications including 23 textbooks and 8 reference works and over 600 technical presentations
- ▶ Received the Clarke Prize from the National Water Research Institute.
- ▶ Inducted into the National Academy of Engineering.
- ▶ Awarded an honorary Doctor of Engineering from the Colorado School of Mines.
- ▶ Received two honorary Doctor of Engineering degrees from two universities in Greece.



Dr. Michael K. Stenstrom

- ▶ A Distinguished Professor in the Civil and Environmental Engineering Department at the UCLA.
- ▶ Widely recognized for his expertise in aeration processes.
- ▶ Published more than 230 peer reviewed journal papers
- ▶ Won numerous awards including
 - ▶ Harrison Prescott Eddy Prize for innovative research (Water Environment Federation, 1992, 2014, 2020),
 - ▶ Walter L. Huber Award (ASCE), the Best Dissertation Award (Association of Environmental Engineering and Science Professors),
 - ▶ Dow Environmental Care Award, the Los Angeles Basin Section (California WEF) Research Award.,
 - ▶ Research innovation awards from the Los Angeles Regional Water Quality Control Board,
 - ▶ AEESP's Fredrick George Pohland Medal for sustained and outstanding efforts to bridge environmental engineering research practice and education
 - ▶ WEF Camp Award for unique application of basic research or fundamental principles through the design or development of a wastewater collection or treatment system.



Dr. Krishna R. Pagilla

- ▶ Ralph and Rose Hoeper Engineering Professor and Chair of Civil and Environmental Engineering Department at the University of Nevada, Reno.
- ▶ Director of Nevada Water Innovation Institute, a university-utility collaboration to meet water technology and development needs, and to drive leading edge research and innovation in the water sector.
- ▶ Published 115 peer reviewed journal papers and over 100 other publications in various aspects of water engineering and science.
- ▶ Received numerous awards from national and international organizations, and is a Fellow of International Water Association, WEF, and the ASCE.
- ▶ Serves on the USEPA's Science Advisory Board.

Recommendation

Approve Master Services Agreements for
Dr. George Tchobanoglous
Dr. Mike Stenstrom
Dr. Krishna Pagilla



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Thank You