

Committee Request for Board Action: None

45 attendees (including 1 guest speaker) from 25 member agencies

Presentation on Styrene Safety from NASSCO

Dennis Pivin from NASSCO presented on best practices for styrene safety for Cured-In-Place Pipe (CIPP) installations ([Link to Slides](#)). Styrene is found in CIPP liners. Steam cures of the CIPP liner, which result in air emissions of styrene, have recently become more popular than hot water cures, which result in styrene-contaminated wastewater. Styrene has a low odor threshold, with a noxious odor at less-than-hazardous levels. CIPP installers can be exposed to hazardous levels of styrene if proper protocols are not followed. Styrene emissions mainly come from two main sources: (1) the refrigerated truck where the liners are transported and stored, and (2) the exhaust manifold from the CIPP installation. Dennis' presentation covered best practices for minimizing hazards from these two emissions sources, including the following:

- Using heavier coatings or wraps on the styrene-impregnated liner. Some coatings and wraps can increase cost and/or decrease maneuverability, but they reduce styrene emissions.
- Maintaining a 15-foot radius perimeter around the exhaust discharge (which should be at least 6 feet high) and around the work zone.
- Wearing proper PPE when opening the door and entering the refrigerated truck.
- Monitoring air quality at the job site and within the refrigerated truck using a Photoionization Detectors (PID), and setting appropriate alarms.

Guidance documents related to styrene safety are available from NASSCO ([link](#)). NASSCO is planning to conduct further research related to nitrification inhibition from styrene emissions. Los Angeles County Sanitation District has also recently shared a public outreach flier related to styrene ([link](#)).

Implementation of Reissued General Order for Sanitary Sewer Systems (SSS-WDR)

- BACWA's consultant team led by Rich Cunningham is updating the a guidance document related to Sewer System Management Plans (SSMPs). A draft will be available around March 1st and will be shared with the committee.
- The State Water Board is working on changes to CIWQS to generate the ten-year performance graphs that need to be inserted into the Annual Reports due April 1st.
- Members expressed interest in hearing an update on SSS-WDR compliance from the State Water Board's Office of Enforcement at a future meeting.

BACWA Announcements

- BACWA plans to release a survey soon regarding Bay Area sewer laterals. BACWA's Regulatory Program Manager shared draft survey questions and solicited feedback from attendees. Attendees noted a need for better definitions of private sewer laterals at the beginning of the survey (use definitions from the SSS-WDR). The survey will be circulated to members soon, and results will be shared at the May collection system committee meeting.
- Members are encouraged to nominate a colleague for the Arleen Navarret Award by March 27th ([link](#))
- BACWA has started a Climate Change Community of Practice ([link to join](#)).

Upcoming Events

- [Annual Report Training](#) – Tuesday February 27th, Online).
- [Spill Estimation Training](#) – Wednesday February 28th, Hayward
- [CIWQS Spill Reporting Training](#) – Thursday February 29th, Hayward
- [CWEA Technical Certification Program Prep Seminar](#) – Wed. March 13th, Antioch
- [CWEA Annual Meeting](#) – April 9 – 12, Sacramento. "Early bird" deadline Mar. 8th
- [BACWA Annual Meeting](#) – Friday, May 3rd, Berkeley
- CWEA CS Committee Mid-Summer Meeting & Operations Workshop – Wednesday July 10th-Friday July 12th, San Luis Obispo

Next Collection System Committee Meeting: May 9, 2024. Location TBD