

The WWNA intends to provide:

- list of wastewater infrastructure priority projects for potential funding sources, and
- statewide gap analysis of wastewater infrastructure to inform Water Board and state decisions on regulatory and resource investment priorities.

Notification letters were mailed in August

The UCLA Luskin report is not out yet

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SB 1157 Water Conservation as a Way of Life Benefits and Impacts
TAP Members

Water Suppliers

Elizabeth Lovsted *(SDCWA)*

Fiona Sanchez (*IRWD)*

Florence Wedington, P.E. (*EDMUD)*

Consultants

Erik Porse et al. *(UCANR)*

Flume *(Indoor Water Use)*

Other Water Agencies

Rosario Cortes *(WateReuse)*

Megan Murphy (*CMUA)*

Gregorio Estrada, P.E. (*HDR)*

Steve Jepsen (*Clean Water SoCal)*

Sarah Deslauriers (CASA)

Derek Zondervan, P.E. (LACSD)

SB 1157 (WC § 10609.4) Requirements

In conducting the analysis…

1. Include saturation end-use studies.
2. Use **at least two years of data** reflecting application of the 2025 IRWUS (47 GPCD) to determine if the 2030 IRWUS is likely to unduly impact affordability of water and wastewater services.
3. Consider whether to recommend, for adoption by the board, additional variances to accommodate unique challenges related to indoor water use pursuant to identified impacts. Variance options may include, but are not limited to, stranded assets, impacts on disadvantaged communities, impacts to environmental flows, or adverse impacts to wastewater or recycled water operations.
4. Evaluate the long-term effects of telework.



SB 1157 (WC § 10609.4) Requirements

In conducting the analysis…

5. Build upon the local wastewater management effects analysis conducted by the State Water Board and consider, as appropriate, including other regional and statewide studies that quantify the impacts on water, wastewater, and recycled water systems,
6. If the Department, in coordination with the board, determines that the 2030 indoor residential use standard is likely to unduly impact affordability of water and wastewater services, the Department and the board may jointly recommend to the Legislature an alternate date on which the 2030 indoor residential use standard shall take effect,
7. Include timely and inclusive collaboration with, and input from, a broad group of stakeholders [sic], including, but not limited to, environmental groups, experts in indoor plumbing, water, wastewater, and recycled water agencies.



A LITTLE EXFILTRATION HISTORY

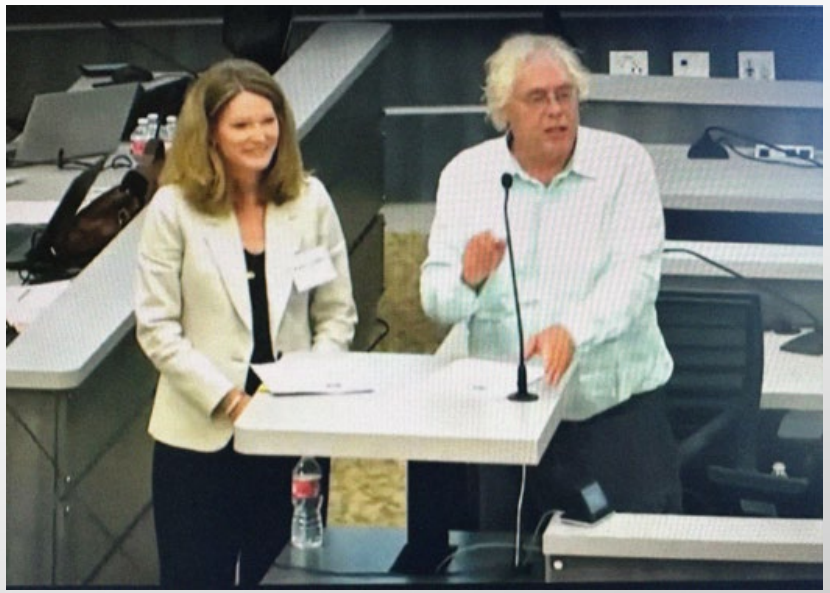
1. 2006 SSS WDR
   - Map showing applicable stormwater conveyance facilities
2. 2022 SWRCB & CASQA Bacteria Summit
   - The wastewater corner
3. 2022 Revised SSS WDR
   - Map showing applicable stormwater conveyance facilities
   - Collaborate with stormwater agencies for spill responses
4. 2024 Stormwater & Wastewater Collaboration Roadmap
5. 2025 San Diego River Watershed Investigative Order Report
6. 2026 SMC & CASA Workshop on Exfiltration



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INTERACTION MILESTONES

1. 2022 SWRCB & CASQA Bacteria Summit
   - https://www.casqa.org/resources/water-quality-priorities/bacteria
   - The wastewater corner
2. 2022 Revised SSS WDR
   - Collaborate with stormwater agencies for spill responses
   - Map showing applicable stormwater conveyance facilities plus more
   - Prioritize bacteria-related impairment on 303(d) list
   - SERP – coordination with stormwater agencies
3. 2024 Stormwater & Wastewater Collaboration Roadmap
4. 2026 SMC & CASA Workshop on Exfiltration
5. 2026 CASQA Bacteria Seminar



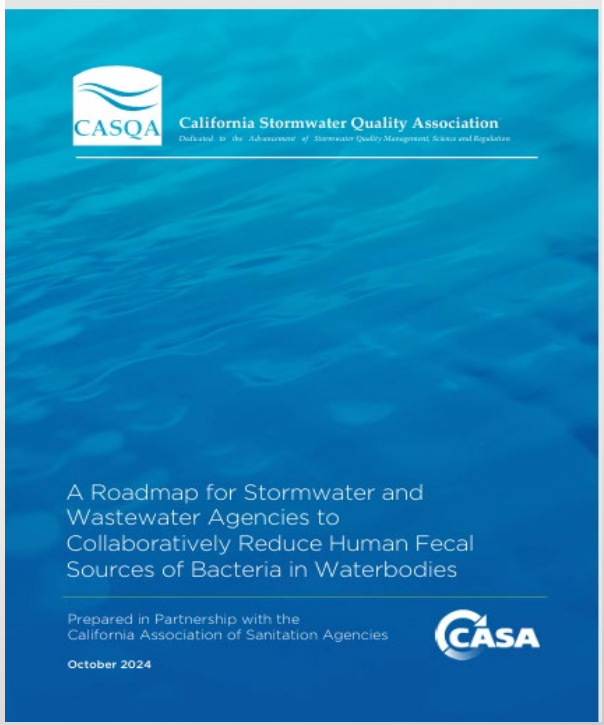
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INTERACTION MILESTONES (CONTINUED)

2024 Stormwater & Wastewater Collaboration Roadmap

Highlights:

- Sharing mapping and data resources
- Prioritizing management measures
- Joint Project Planning
- Proactive Corrective Actions
- Integrated Communication Framework
- Joint Training
- *Check it out…*



https://www.casqa.org/resources/water-quality-priorities/bacteria

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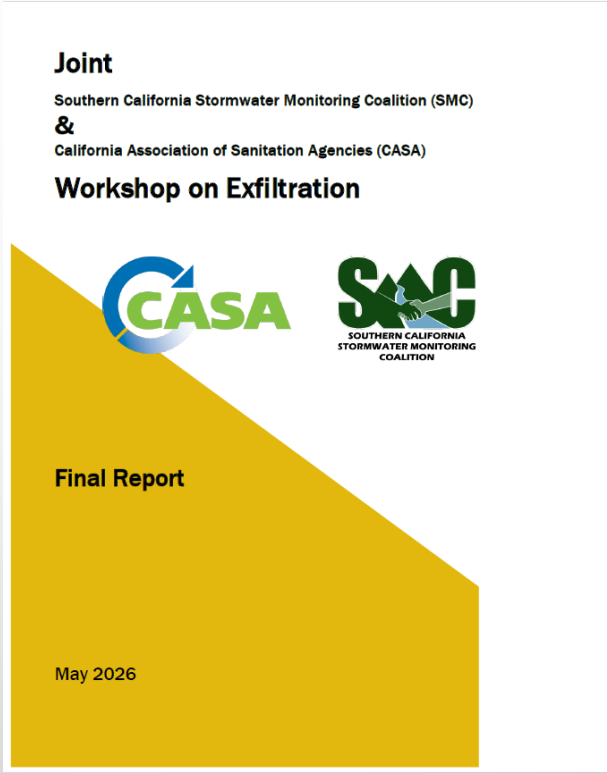
INTERACTION MILESTONES (CONTINUED)

2026 SMC & CASA Workshop on Exfiltration

Outcomes:

- Intense evaluation of small catchments with a probability of exfiltration.
- Explain the subsurface transport mechanism by which sewage that has exfiltrated from sewers travels underground to a downstream waterbody.

➢ *Develop a joint stormwater-wastewater action plan providing managers with actionable, coordinated steps to take when exfiltration is detected in a watershed*



https://www.sccwrp.org/cross-sector-agreement-reached-to-study-exfiltration/

SMC & CASA Workshop on Exfiltration

Small Catchments

- Intensive investigations at a limited number of small catchments.
- Ideally sites with volume loss from previous studies and/or ideal sites based on mapping and risk factors.
- Could include many investigation methods:
  - Volume loss from sewer test(s)
  - Human fecal markers
  - Soil moisture/marker testing adjacent to sewer
  - Biofilm testing in soils

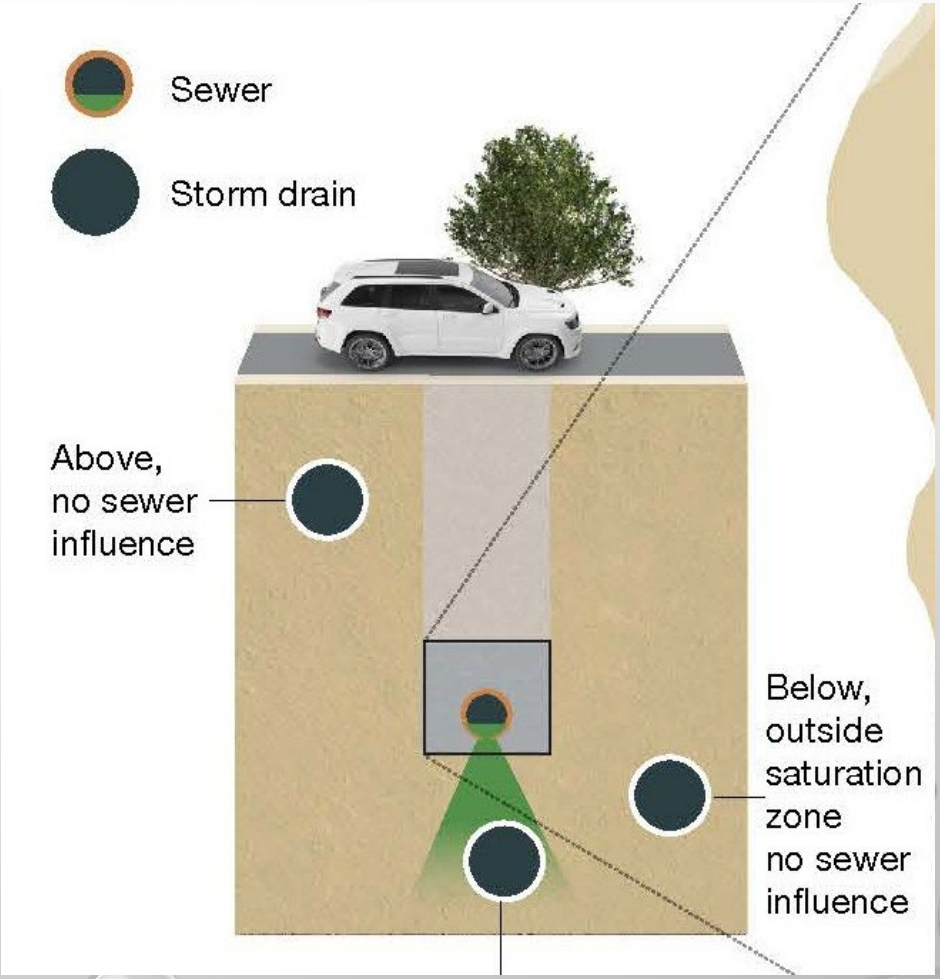


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SMC & CASA Workshop on Exfiltration (CONTINUED)

Subsurface Transport

- Assess how and to what extent exfiltrated sewage can enter an MS4 or receiving water.
- Could include:
  - Sampling in storm drains and groundwater
  - Time series sampling for sewer markers during wet weather
  - Dye studies
  - Soil and groundwater sampling



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SMC & CASA Workshop on Exfiltration (CONTINUED)

Stormwater-Wastewater <u>Action Plan</u>

- Strengthen relationship with Stormwater and Sewer agencies
- Communication to include regulatory agencies
- Provide practical guidance for:
  - Human waste source investigation triggers
  - Source investigation procedures
  - Abating human sources into MS4s



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