Inaugural Joint Wastewater - Stormwater Workshop on Exfiltration

Co-Hosted by:

Southern California Stormwater Monitoring Coalition

California Association of Sanitation Agencies

Background

- SCCWRP was asked to track sources of human fecal pollution in the San Diego River Watershed
  - Exfiltration from the sanitary sewer collection system was one of six potential sources
- While multiple lines of evidence pointed to the potential for exfiltration, conclusions were based on new technology
- The San Diego River Report quantified several areas of uncertainty and provided recommendations for future research

What Led to the Workshop?

- The Stormwater Monitoring Coalition (SMC) ranked exfiltration as their number one highest priority research project
- SMC opted to delay the project until they could collaborate with wastewater agencies
- Asked SCCWRP to reach out to wastewater agencies to seek a partnership

The Workshop Overview

- One full day

- 24 invitees
  - 8 Wastewater, 8 Stormwater, 4 Regulators, 4 Academics

- The charge:

1. *What are the most significant challenges to quantifying exfiltration and transport to receiving waters?*
2. *To address these challenges, which research projects should be prioritized for collaboration between the stormwater and wastewater communities?*

Success – Three Potential Collaborative Projects!

- An intensive study at a limited number of small catchments known to have measured exfiltration
- Subsurface transport of exfiltrated sewage
- Stormwater-Wastewater Action Plan

Post Workshop Actions

- Create a scope of work for each project
- SMC and CASA have both agreed to fund at least one of the priority projects
- Aim is to formalize their partnership in time to start next Fiscal Year
  - Looking for additional project partners