



BACWA PFAS Investigations

Invitation to Join

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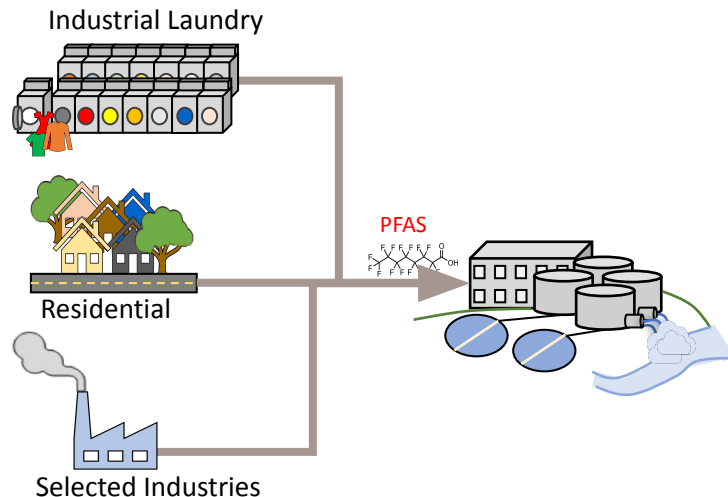
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Previous BACWA PFAS Findings

Important scientific findings for regional and statewide management

- Consistent influent, effluent concentrations across municipal POTWs
- PFAS precursors important
- High concentrations of PFAS in discharge from industrial laundry facilities
- Loadings from residential customers are significant



RMP, BACWA, and Partners

\$5.2 Million Project (50/50 grant funds and partner match)

- Identify major sources of PFAS
 - Measure PFAS in priority products
 - Investigate linkages to pathways
- Compare PFAS loadings from Wastewater and Urban Stormwater Runoff

PFAS Sources to Solutions: Identifying and Preventing PFAS Pollution in San Francisco Bay

PROPOSAL TO THE EPA WATER QUALITY IMPROVEMENT FUND 2023
SUBMITTED BY THE **SAN FRANCISCO ESTUARY INSTITUTE** with

Regional Monitoring Program for Water Quality in San Francisco Bay (RMP)
Department of Toxic Substances Control (DTSC)
Bay Area Clean Water Agencies (BACWA)
Bay Area Municipal Stormwater Collaborative (BAMSC) Member Programs
Indiana University Bloomington
University of Toronto



Phase 3 Study Topics

- Track long-term trends
 - How effective are management actions?
- Compare wastewater and stormwater
- Expand analytical methods
 - Includes ultra-shorts, diPAPs, FTOH, total fluorine methods, non-target
 - Are there fingerprints to upstream sources?
- Monitor Commercial Sources: laundromats, car wash
- Residential
- Industrial: landfills, chemical manufacturing, metal finishers
- Legacy sources: groundwater from contaminated sites (e.g. AFFF use)

Proposed Project Timeline

2025

- December: Kickoff Meeting

2026

- January: Define Study Questions
- April: Sampling and Analysis Plan
- May - September: Sample Collection
- October - December: Laboratory Analysis

2027

- January - March: QA/QC, Data Analysis
- March - June: Preliminary results presentation and discussion
- April: Preliminary data interpretation with ECWG
- August - October: Draft/Final Report

Invitation to Join Kickoff Meeting

Invitation help define study questions

- Previous participants
- New partners
- POTWs with ongoing/planned PFAS investigations



Questions?

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