



B A S M A A

Project: Receiving Water Trash Monitoring Program Plan

Description: This Plan was developed and submitted in compliance with Municipal Regional Permit (MRP) provision C.10.b.v. Version 1.0 of this Receiving Water Trash Monitoring Program Plan, including the monitoring design and monitoring / assessment protocols, was based on a review of existing methodologies that have been used to monitor trash in receiving waters and significant input from peer reviewers, MRP permittees, Regional Water Board staff, and other stakeholders. The Plan is intended to begin addressing the following trash management questions posed in the MRP:

- Have a permittee's trash control actions effectively prevented trash within a permittee's jurisdiction from discharging into receiving water(s)?
- Is trash present in receiving water(s), including transport from one receiving water to another, e.g., from a creek to a San Francisco Bay segment, at levels that may cause adverse water quality impacts?
- Are trash discharges from a permittee's jurisdiction causing or contributing to adverse trash impacts in receiving water(s)?
- Are there sources outside of a permittee's jurisdiction that are causing or contributing to adverse trash impacts in receiving water(s)?

The Plan recognizes that methodologies and protocols to accurately measure or assess baseline trash levels, pathways and sources, and trends in receiving waters are not well established. Therefore, this initial version (1.0) of the Trash Monitoring Plan should be considered preliminary and will be adapted based on lessons learned during the initial implementation phase (October 2017 – July 2020) to help guide future trash monitoring in San Francisco Bay Area receiving waters.

The Standard Operating Procedure (SOP) describes the trash receiving waters monitoring protocol that was implemented during the pilot-testing phase (October 2017 – February 2020) of the BASMAA Trash Monitoring Program Plan. The protocol includes a qualitative and quantitative method for measuring trash accumulation in a geographically defined assessment area located in creeks, channels, rivers, lagoons and shorelines within the jurisdictional areas of BASMAA member agencies. The protocols and methods in this SOP are based on a review of historical and current receiving water monitoring efforts for trash.

FY: 16/17; 17/18

Overseer: Trash Committee

Contracting Agency: BASMAA

Receiving Water Trash Monitoring Program Plan

Contractor: LWA – Phase I; EOA – Phase II

Budget: \$166,803 [LWA – Phase I (\$149,887); EOA – Phase II (\$16,916)]

Status: Done

Deliverable(s): *Receiving Water Trash Monitoring Program Plan for the San Francisco Bay Region – Version 1.0 (October 2017); Standard Operating Procedures and Data Collection Forms for Qualitative Trash Assessments and Quantitative Trash Monitoring in Receiving Waters (July 2018)*
