

## Annual Progress Summary

### Annual Progress Summary # 1

**Reporting Period:** 2013-08-01 to 2014-09-30

**Submittal Date:** 2014-12-31

**Grant Agreement:** 12-420-550

**Project Index:** FA-24090-PHASE1

**Project Name:** Tracking California's Trash

**Grantee Name:** Bay Area Stormwater Management Agencies Association

### **Summary of the conditions the Project is meant to alleviate, the Project's objective, the scope of the Project, and a description of the approach used to achieve the Project's objective**

Information on the costs and benefits of best management practices for control of trash in stormwater is limited and monitoring methodologies needed to accurately measure progress towards trash TMDL and NPDES permit reduction goals have not been developed.

The purpose of the project is developing, evaluating, and recommending monitoring methods to accurately measure trash loads in receiving waters or from stormwater conveyances; filling critical data gaps on the effectiveness and costs/benefits of implementing enhanced street sweeping as an alternative to trash full capture devices; compiling and publishing recommendations along with other available knowledge of trash monitoring and reduction.

The work is being conducted in five major work items:

- B.1 – Project Management
- B.2 – Technical Advisory Committee
- B.3 – Trash Trends and Flux Monitoring Methods Development
- B.4 – Stormwater BMP Effectiveness and Cost Evaluations
- B.5 – Public Interface for Bay Area Trash Tracker and New Web Portal for Trash Reduction Projects

### **Summary of the progress made to date, significant milestones achieved, and the current schedule of completing the Project**

Significant milestones achieved in the first full year of the Project include:

- Creation and convening of Technical Advisory Committee of top experts in stormwater / trash and BMP monitoring and assessment
- Comprehensive Literature Review - Compilation, organization, and critical review of available literature on methods to quantify trash in stormwater and receiving water and best management practice effectiveness
- Sampling and Analysis Plans for trash trends and flux monitoring as well as BMP effectiveness and cost evaluations

The Project is on schedule and expected to meet the remaining critical and estimated due dates.

**Evaluation of the effectiveness of the Project to date in preventing or reducing pollution and alleviating the Project's original conditions**

The work conducted and the milestones reached to-date are precursors to addressing the Project's original condition. The results of the upcoming monitoring will provide the first indications of the Project's effectiveness.