



B A S M A A

Project: Alternative Trash Assessment Methodology On-Land Clean-up Pilot Study Design and SAP (Sampling & Analysis Plan)

Description: The purpose of this project was to develop a pilot study design for determining trash removal from on-land cleanup. This work was the first phase in a two-phase project to develop a performance standard for specific on-land trash control measures to use in demonstrating compliance with MRP 2.0 provision C.10 – Trash Load Reduction. The design of the second phase – the pilot study – is the subject of the first phase.

The MRP required that permittees demonstrate compliance with the trash reduction limits by conducting multiple visual assessments on as much as 10% of municipalities' curb miles. There are advantages to this compliance method but also a number of disadvantages – hence the interest in studying an alternative methodology. Another way to measure progress toward meeting trash reduction limits is to measure the effectiveness of a specific control measure. The advantage of evaluating a control measure is that the results of the study can be applied to all the land area(s) using the same control measure. Another advantage is that a focused study of a control measure can gather detailed information on the amount of trash in the MS4 (inlets and catch basins) – providing a more reliable indicator of success.

Tasks of this first phase included developing sampling protocols, identifying sampling locations, identifying how results will be measured and verified, and coordinating with the Regional Water Board.

FY: 15/16; 16/17

Overseer: Trash Committee

Contracting Agency: BASMAA

Contractor: Geosyntec; EOA

Budget: \$19,998

Status: Done

Deliverable(s): *BASMAA Alternative Trash Assessment Methodology – On-Land Trash Clean-up Monitoring: Final Study Design Concept (August 2016)*
