

Proposed Addition to Street Sweeping and Storm Drain Cleaning Expert Panel Report

SCP – 12: Laboratory Analysis of Street Solids Mass

Collected material will be weighed and a statistically valid sample of the collected material sent to a laboratory to measure the:

- Dry weight of the wet material
- Particle size distribution of the material
- Average carbon, nitrogen and phosphorus content of the material

The results of the lab analysis would then be applied to the mass of the material collected to derive the reportable reductions:

- TSS mass = dry weight mass of fine fraction (≤ 75 microns) based on the lab analysis of particle size distribution
- TN mass = dry weight mass of nitrogen based on the lab analysis of nitrogen content
- TP mass = dry weight mass of phosphorus based on the lab analysis of phosphorus content

Credit under the SCP-12 practice would be capped annually at 30% of the impervious urban N, P and TSS in the LRSEG where the practice is reported.

Qualifying conditions:

- (1) The loads must be tracked and verified using a field protocol to measure the mass or volume of solids collected. The locality must demonstrate that they have instituted a standard operating procedure (SOP) to keep track of the mass of the sediments and/or organic matter that are removed and a sampling method for laboratory analysis that is representative of mass collected
- (2) Material must be properly disposed so that it cannot migrate back into the watershed.