



Your Actions Prevent Stormwater Pollution!

Standard Operating Procedures for Water Quality Protection

New Construction SOP

Why

Standard Operating Procedures (SOPs) have been prepared for all activities conducted as part of City Municipal Operations functions that have the potential to impact 'waters of the state. One of the primary goals of the SOPs is to **provide time-tested, generally accepted routine procedures that minimize the potential for release of pollutants from the site**

What

New Construction provides operational best management practices (BMP) developed to control the sediment from new municipal "facility" construction activities that take place at City construction sites, or City-contracted construction sites with procedures to mitigate transport of sediment reaching our stormwater system. These procedures are simple steps that must be included in everyday work activities to protect stormwater from contact with pollutants, and are a joint responsibility of everyone conducting municipal "facility" construction activities.



Who

All City staff and City contractors constructing new "facilities".

Where

All construction project locations.

Permits

CDPHE Construction Permit, along with a Stormwater Management Plan (SWMP); Centennial Grading, Erosion and Sediment Control (GESC) Permit, with GESC Plan; Also, CDPHE De-watering Permit, if applicable, and Centennial Right-of-Way & Public Improvement Permits, if applicable.

DO

- Identify all storm drains, swales & creeks so everyone knows their location.
- Protect all inlets potentially impacted by project, per GESC detail; periodically inspect and maintain to make sure functions as intended.
- Have spill cleanup materials available and clean up leaks, drips and other spills immediately, with DRY methods; dig up & remove contaminated soil.
- Designate one area for parking, equipment refueling & routine maintenance.
- When making saw cuts, use as little water as possible and cover each storm drain inlet per GESC detail during sawing operation; contain slurry & remove.
- During the work day, especially when rain is forecast, sweep & remove materials from surfaces that drain to inlets, creeks and channels.
- Filter rain/irrigation water that collects in open sections of a concrete flow line or street, and discharge into inlets with approved inlet protection installed.
- Streets must be completely swept immediately following milling operations; hand broom areas not accessible to street sweeper.
- Excess asphalt is to be removed from site and not stockpiled or broadcast over site; material stockpiles outside City ROW need Low Impact GESC.

DO NOT

- DO NOT** place delivered material in the flow line, and only do excavation and grading operations in dry weather.
- DO NOT** perform major equipment/vehicle repairs on-site.
- DO NOT** wash equipment or machinery on-site.
- DO NOT** use diesel oil to lubricate equipment or parts; **ONLY** park in designated areas well away from storm drains and creeks.
- DO NOT** let contractors conduct maintenance in conflict with proper procedures for their work; monitor closely.
- DO NOT** spray tack oil if rain is forecast, and take care to not overspray tack onto adjacent surfaces not being paved. Monitor tack amounts so as to not apply excessive amounts
- DO NOT** hose down to clean up areas; use dry sweeping methods and dispose properly in trash.
- DO NOT** remove slurry from saw cutting operations by hosing down. Shovel or vacuum the slurry from the pavement or gutter and remove from site.