

BMP NS04 - Vehicular Washing

Vehicular washing and cleaning can impact storm drains and affect local water quality. Surfactants and biodegradable soaps have been shown to exhibit toxic effects to wildlife. The CSUSM campus does not allow vehicular washing on campus. The CSUSM plans to control and eliminate discharges to the storm drain by training students/employees and subcontractors in the proper cleaning procedures.



On-campus residential procedures:

- The campus regulates washing of vehicles on residential campus facilities. Education materials or information are disseminated to help address issues from vehicular cleaning.

On-campus maintenance facility procedures:

- The maintenance facility uses a vehicle washing facility in the vehicle maintenance yard. The vehicle washing area is equipped with a recyclable waste water system.

Pollution Prevention Guidelines:

- Educate students, employees and subcontractors on pollution prevention measures.
- Use phosphate-free, biodegradable soaps.
- **No** discharge of wash waters to storm drains or watercourses.
- Use as little water as possible. High-pressure sprayers may use less water than a hose and should be considered. Use a hose shut-off nozzle to minimize water use and runoff.

Design Guidelines:

- Place washing location away from storm drain inlets, drainage facilities, or watercourses.
- Configured system with a sump to allow collection and disposal of wastewater.
- Wash area should be paved with concrete or asphalt and bermed to contain wash waters and to prevent run-on and runoff.

Inspection Guidelines:

- Inspect the washing facilities area for signs of overflow, discharges from the facility.

Training Guidelines:

- Train staff to operate and maintain the campus facility washing center.