

Storm Drain/Conveyance System Cleaning



- Inspect storm water drains, grates, inlets, ditches, swales, and catch basins at least twice a year.
- Clean storm grates, inlets, drains, ditches, swales, and catch basins to remove the accumulation of debris and sediment.
- Evaluate the use of storm drain filters for hydrocarbons and/or debris and sediment removal at your facility.
- For conveyance systems that serve unstable or high-sedimentation and erosion areas, protect the system by using sediment and erosion control techniques appropriate to protect the conveyance system.
- Storm drains, catch basins, ditches, and culverts are part of the overall storm water conveyance system and are not part of the sanitary sewer system.

Storm Water and Municipal Operations



Maintain Your Workplace

Vehicle Washing



- Use a designated wash area that is paved and bermed or sloped such that wash water is contained and directed to a sump with a connection to the sanitary sewer.
- Use phosphate-free, nontoxic, biodegradable soap. All soaps, including those labeled "biodegradable," should not be allowed to enter rivers, streams, lakes, or groundwater untreated.
- Rinse on an unpaved area such as lawn or gravel with just water.
- In the field, vehicles and equipment shall only be rinsed with clean water to wash off dirt and mud.

Snow Disposal Sites



- Follow the standard operating policy for selecting snow disposal sites.
- Plan snow disposal sites to avoid locating piles in areas prone to flooding and areas with no natural or constructed features to retain grit and litter collected with the snow.
- Disposal sites should be located on pervious sites to allow for water filtration and to reduce polluted discharge to water bodies.

Road Sand Storage



- Follow procedures to ensure the proper storage and application for equipment and materials.
- Regulate the amount of applied road salt to reflect site-specific characteristics, such as road width and design, traffic concentration, and proximity to surface waters.
- Consider alternative materials, for use in especially sensitive areas.

Recycling



- Recycle motor oil, lead acid and all rechargeable batteries, oil filters, antifreeze, cleaning solutions, hydraulic and transmission fluids, metal scraps, water-based paints, and used tires.
- Never dump any of these down storm sewers.

Vehicle Maintenance



- Conduct maintenance and repair operations indoors or under cover whenever possible.
- Use shop rags and damp mop for general cleanup; never use a hose to wash down a work area.
- The mop water must be emptied into a drain connected to an oil/water separator before discharging to the sanitary sewer.
- Do not use drains without knowing whether they flow to the sanitary sewer, storm system, or an internal sump.
- Confirm connections before using drains to ensure proper disposal and regularly inspect oil/water separator and sumps; conduct maintenance and repairs promptly.

Parking Lot/Street Sweeping



- Regularly clean parking lots to remove surface sediments accumulations of grease and oil, general debris, and trash that are a potential source of pollution.
- Follow procedures for street-sweeping practices on a regular basis to minimize pollutant discharge to receiving waters.

Illegal Dumping



- Focus on community involvement to eliminate or reduce illegal dumping practices.
- Combination of public education and awareness, citizen participation, site maintenance, and enforcement measures to address illegal waste disposal.
- Report any inappropriate discharge to a storm water conveyance drain or ditch to the city storm water representative. Examples of problems to report:
 - Hazardous substance spill
 - Sewage leak
 - Petroleum spill
 - Green waste dumping
 - Anything in the storm conveyance system that should not be there

Hazardous Material Storage



- Store hazardous and nonhazardous materials and wastes indoors or under cover whenever possible.
- Store chemicals away from doors and out of traffic pathways.
- Always store materials under cover to prevent the leaching of hazardous materials into storm water runoff.
- Promptly clean up any spill of liquid or solid wastes. There should be no discharge to storm drains, landscape, or pavement.