



Your Actions Prevent Stormwater Pollution!

Standard Operating Procedures for Water Quality Protection

Inlet, Pipe & Vault Cleaning and Disposal SOP

Why

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

What

Inlet, pipe, vault, culvert and similar cleaning is an operational best management practice (BMP) developed to control pollutant discharges by promoting maintenance of our primary "filter" for stormwater runoff before it enters a waterway. Any pollutant that ends up on a street or in a parking lot can end up in the stormwater conveyance system which then transports urban runoff and snow melt to the waterway. Maintaining street inlets, storm sewers, culverts, vaults, and other conveyance features keep sediment and debris buildup from entering the stormwater system. This is accomplished most often using a Vactor Truck for the cleaning or pressure application, an operation which includes disposal of the wastes generated from the cleaning. Because wastes resulting from cleanup can contribute to the problem, the disposal of the wastes must be managed appropriately. These procedures are critical steps that must be included in every trip out in the VactorTruck, every transfer location during the day, and every trip back in to the Road & Bridge Facility.



Who

All City employees or City-contracted personnel who are responsible for and/or who operate Vactor Truck equipment to maintain stormwater conveyance structures.

Where

City storm drain inlets, storm sewers, outfalls, culverts, drainage ditches, catch basins, swales, vaults, and related.

DO

- Conduct stormwater system maintenance per schedule or as needed based on identified sediment and debris buildup; remove debris, rubbish, and sediment.
- Discharge Vactor Truck wastes and flushing water at the concrete forebay area established at the Water Quality Pond, Outfall #3, at the Road & Bridge Facility.
- Inspect conveyance features while in field; note any conveyance feature that needs repair and/or replace due to defective materials; prepare an MRF report and follow through on repairs/replacement.
- Report any suspected illegal connections or other waste dumping activities.
- Transport wastes from Vactor Truck activities to a permanent disposal site as soon as possible, and dispose according to all regulations. Only temporary storage of wastes is allowed at a designated area at the Road & Bridge Yard.
- Monitor parked Vactor Truck closely for leaks; use drip pan as needed.
- Be on the lookout for contaminated sediments (oil sheen, floating wastes); it may require special disposal operations; report to Supervisor and Risk Management.

DO NOT

- DO NOT** conduct Vactor Truck flushing activities when a heavy rain is forecast.
- DO NOT** transfer or dispose of collected sediments outdoors, near or in storm drains, or drainage ditches.
- DO NOT** wash down/ hose down the Vactor truck except where the wash water will only enter an approved discharge point (i.e. sanitary sewer, or designated cleanout area like the Water Quality Pond forebay at the Road & Bridge Yard)
- DO NOT** discharge any contaminated stormwater from inlet, culvert, or other conveyance cleaning into surface water.
- DO NOT** repair Vactor Truck equipment or vehicles outside; use a covered, designated area for such repairs.
- DO NOT** temporarily store Vactor Truck wastes in areas where the debris may be returned back to storm sewer system with the next rainfall; transport to permanent disposal as soon as possible.