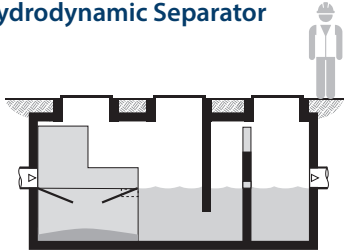


Stormwater Quality Maintenance Checklist

Post Construction Stormwater Best Management Practice (BMP) Maintenance

Hydrodynamic Separator Maintenance

Hydrodynamic Separator



Hydrodynamic separators are underground vaults that remove pollutants from runoff. These treatment devices utilize swirling water flows to filter trash, debris and sediment from stormwater. Differing models with specific configurations and capacities are available from various manufacturers. Manhole lids allow access to the vault chambers for inspecting the device according to recommended manufacturer maintenance guidelines specific to each model.

Facility

Facility Name _____
Address _____

This Stormwater Quality (SWQ) Maintenance Checklist can be used as an alternate inspection document for renewing the annual SWQ Maintenance Permit (instead of a proprietary report from a maintenance service) and is to be completed, signed, and submitted to the City of Roseville for each permitted BMP on the facility site.

General

- Remove any vegetation growing near the device's access manhole lid(s)
(number of lids/chambers vary by specific model/manufacturer)
- Inspect device for missing, broken, or damaged internal components, as well as cracks or breaks in the concrete structure, and repair / replace as needed
- Inspect for and clear any obstructions in the device including any debris at the inlet(s) and outlet(s)
- Photograph each BMP during inspection to confirm maintenance and submit with SWQ renewal documents
(access lids must be removed for any photographs documenting inspection)

Trash Accumulation

- Inspect the accumulation of trash captured in the unit
 - Immediate vacuum pumpout needed
 - Recommended pumpout on next service
 - Limited trash accumulated not requiring pumpout
- Remove all floatables from the device's chamber water surface
- Vacuum pumpout performed to remove accumulated trash Service used _____

Sediment Accumulation

- Measure layer of accumulated sediment in sump chamber inches
- Does sediment layer in device need removal? Yes No Recommended
- Vacuum pumpout performed to remove sediment

Waste Disposal

- Dispose of all water, waste and sediment properly by transferring to an environmental waste facility or waste transport service in accordance with all applicable federal, state and local guidelines.

Inspection Signature

2019

By signing this document, I confirm that this stormwater quality BMP has been inspected and documented following the guidelines recommended on this self inspection form, and is in full and effective operating condition to the best of my knowledge.

Inspection Signature _____ Date _____