

To find out more about specific stormwater facilities on a property, contact:

City of San José Development Services
(408) 535-3555

or visit the
Permit Center Planning Counter
San José City Hall
200 E. Santa Clara Street – Floor 1

Validated parking available under the City Hall Tower; enter from 6th Street between Santa Clara and San Fernando streets.

For more information about the City of San José's stormwater protection programs, visit:

www.sanjoseca.gov/esd/stormwater



In accordance with the Americans with Disabilities Act, City of San José Environmental Services Department materials can be made available upon request in alternative formats, such as Braille, large print, audiotape or computer disk. Requests may be made by calling (408) 945-3000 (Voice) or (800) 735-2929 (CRS).

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Thank you for doing your part to help protect the water quality of our creeks and Bay!



Stormwater Treatment Facilities

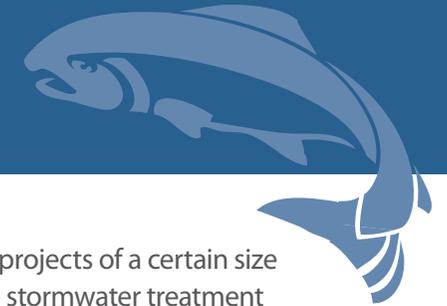
Operation & Maintenance Requirements



Biofiltration Basin

Help protect our creeks and Bay by complying with requirements for swales, biofilters, infiltration basins, and other stormwater treatment facilities or devices.

Pollutants on streets can be washed into storm drains and reach our creeks and Bay, harming the fish, plants, and wildlife that live there. You can help keep pollutants out of the storm drain system by adhering to municipal code requirements and properly maintaining and operating the stormwater treatment facilities on your property.



Rain or irrigation water can pick up motor oil, pesticides, solvents, litter, and other pollutants as it flows over rooftops, parking lots, roadways, sidewalks, and landscaping. Installing stormwater treatment facilities — such as swales, biofilters, or infiltration basins — can help capture and prevent pollutants from reaching the storm drain system. Property owners are required by **Title 20.95.120 of the San Jose Municipal Code** to properly maintain and keep in good repair all such facilities and devices.

Stormwater Regulations

The San Francisco Bay Municipal Regional Stormwater National Pollutant Discharge Elimination System Permit (Permit) sets forth regulations for cities in the Bay Area to prevent stormwater pollution. The Permit specifically requires

development projects of a certain size to incorporate stormwater treatment facilities to treat runoff for pollutants before it flows into the storm drain system. As done in other cities, San José inspectors will inspect these facilities to ensure they are operating and maintained.

Please review the steps for proper maintenance in this brochure — and contact your City inspector if you have questions at (408) 945-3000.

Whatever goes down a storm drain ...



... can flow into our creeks and the Bay!

Maintaining Landscape-Based Stormwater Treatment Facilities

Landscape-based stormwater treatment facilities, such as vegetated swales, infiltration basins, and biofilters, remove pollutants in stormwater by filtering runoff through vegetation and soil. They must be properly maintained in order to function.

Maintenance activities include but are not limited to:

- Maintain vegetation and replace dead plants or turf — for guidance on plant selection, see the Santa Clara Valley Urban Runoff Pollution Prevention Program Plant List for Stormwater Measures at www.scvurppp.org.
- Repair any damage, such as erosion.
- Remove sediment accumulation that may result after periods of heavy rain or irrigation.
- Remove litter and debris regularly.
- Minimize the application of fertilizers and pesticides; use alternatives to toxic pesticides — see www.ourwaterourworld.org for recommended alternatives.

Proper maintenance is essential for these facilities to perform their job in capturing pollutants.



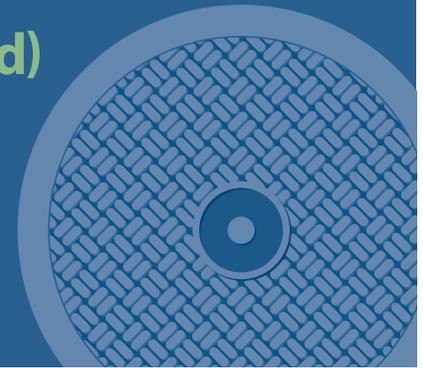
Bioswale



Vegetated Swale

Maintaining Mechanical (Vault-Based) Stormwater Treatment Devices

Vault-based stormwater treatment devices remove pollutants by capturing debris and filtering runoff. Common vault-based devices are media filters and hydrodynamic separators.



Cover of a media filter device



Cartridges in a media filter device

Vault-based stormwater treatment devices are proprietary, meaning that **maintenance must be regularly performed by qualified personnel** to ensure that these devices function properly. This typically requires setting up a maintenance contract with the manufacturer or another company qualified to inspect and make repairs to the device. Maintenance activities often require the use of vacuum trucks and the services of personnel that have OSHA Confined Space Entry Certification.

Maintenance activities include but are not limited to:

Your responsibilities

- Schedule maintenance according to the device manufacturer's specifications.
- Maintain records of all maintenance and inspection activities.

Responsibilities of certified maintenance worker

- Remove sediment, trash, or debris.
- Replace media filters as necessary.
- Check for and remove mosquito larvae.