

Manufactured Stormwater Treatment Measure Maintenance Plan for [[== Insert Project Name ==]]

[[== Insert Date ==]]

Manufactured Stormwater Treatment Measures are **PROPRIETARY** treatment devices that tend to be installed below ground and operate using some type of proprietary filter media, hydrodynamic separation, or sedimentation and screening. Common examples of manufactured treatment measures include manufactured media filters, inlet filters or drain inserts, oil/water separators and hydrodynamic separators. In August 2004, the Regional Water Board's Executive Office wrote a letter stating that a project relying on inlet filters or oil/water separators as the sole treatment measure would be unlikely to meet the maximum extent practicable standard of the National Pollutant Discharge Elimination System Permit. See the Countywide C.3 Technical Guidance (www.flowstobay.org) for more information.

Project Address: _____

Assessor's Parcel No.: _____

Property Owner: _____ Phone No.: _____

Designated Contact: _____ Phone No.: _____

Mailing Address: _____

The property contains [[== insert number ==]], [[==insert device type/manufacture==]] located as described below and as shown in the attached site plan¹.

- [[==device name ==]] is located at [[== describe location ==]].
- [[== Add descriptions of other products, if applicable. ==]]

I. Routine Maintenance Activities

The principal maintenance objective is to prevent sediment buildup and clogging, which reduces pollutant removal efficiency and may lead to failure of the manufactured treatment measure. Routine maintenance activities, and the frequency at which they will be conducted, are shown in Table 1.

Table 1 Routine Maintenance Activities for Manufactured Treatment Measures		
No.	Maintenance Task	Frequency of Task
1	Inspect for standing water, sediment, trash and debris.	Monthly during rainy season
2	Remove sediment, trash and debris from sedimentation basin, riser pipe and filter bed, using vactor truck method. Dispose of sediment, trash, filters and debris properly.	As needed
3	Ensure that manufactured treatment measure drains completely within five days.	After major storm events and as needed.
4	Inspect outlets to ensure proper drainage.	Monthly during rainy season, or as needed after storm events
5	Follow manufacturer's guidelines for maintenance and cartridge replacement.	As per manufacturer's specifications.
6	Inspect manufactured treatment measure, using the attached inspection checklist.	Monthly, or after large storm events, and after removal of accumulated debris or material

¹ Attached site plan must match the site plan exhibit to Maintenance Agreement.

Manufactured Treatment Measure Maintenance Plan
Property Address: _____

Date of Inspection: _____
Treatment Measure No.: _____

II. Prohibitions

Trees and other large vegetation shall be prevented from growing adjacent to the manufactured treatment measure to prevent damage.

III. Mosquito Abatement

Standing water shall not remain in the treatment measures for more than five days, to prevent mosquito generation. Should any mosquito issues arise, contact the San Mateo County Mosquito Abatement District (SMCMAD), as needed for assistance. Mosquito larvicides shall be applied only when absolutely necessary, as indicated by the SMCMAD, and then only by a licensed professional or contractor. Contact information for SMCMAD is provided below.

San Mateo County Mosquito Abatement District
1351 Rollins Road
Burlingame, CA 94010
PH: (650) 344-8592
FAX: (650) 344-3843
[Email: info@smcmad.org](mailto:info@smcmad.org)

IV. Inspections

The attached Treatment Measure Inspection and Maintenance Checklist shall be used to conduct inspections monthly (or as needed), identify needed maintenance, and record maintenance that is conducted.

Manufactured Stormwater Treatment Measure Inspection and Maintenance Checklist

Property Owner: _____

Property Address: _____

Date of Inspection: _____

Type of Inspection: Monthly Pre-Wet Season
 After heavy runoff End of Wet Season

System Type: _____

Installer/Contractor: _____

Manufacturer: _____

Inspector(s): _____

Defect	Conditions When Maintenance Is Needed	Maintenance Needed? (Y/N)	Comments (Describe maintenance completed and if needed maintenance was not conducted, note when it will be done)	Results Expected When Maintenance Is Performed
1. Sediment, trash and debris accumulation on Filter	Sediment, trash and debris accumulated in the sedimentation basin, riser pipe, retention pipes and filter bed. Filter does not drain as specified.			Sediment, trash and debris removed from sedimentation basin, riser pipe and filter bed and disposed of properly. Filter drains per design specifications. Empty cartridge should be reassembled and reinstalled.
2. Standing water	Manufactured treatment measure does not drain within five days after rainfall.			Clogs removed from filters, sedimentation basin, riser pipe and filter bed. Filter drains per design specifications.
3. Mosquitoes	Evidence of mosquito larvae in manufactured treatment measure.			Clogs removed from sedimentation basin, riser pipe and filter bed. Filter drains per design specifications.
4. Miscellaneous	Any condition not covered above that needs attention in order for the manufactured treatment measure to function as designed.			Meet the design specifications.