

STORMTANK

STORMWATER STORAGE MODULES

STORMTANK MAINTENANCE GUIDELINES

StormTank General Maintenance Guidelines

Brentwood industries StormTank Stormwater Storage System is a component in an overall stormwater collection, treatment, detention or infiltration system. Stormwater systems come in varying shapes sizes and configurations. Some systems offer pre-treatment to remove sediment and/or contaminants prior to entering the StormTank storage area and some do not. Systems without pre-treatment require greater attention to system functionality. In order to maximize the storage capacity of the StormTank for years to come, pre-treated or not, we offer the following general maintenance guidelines:

Determining if Maintenance is Required

1. Visual Inspection
A visual inspection of the system should be performed semi-annually looking for any visual deficiency in the system in the form of sedimentation and debris.

Inspect the following:

- a. Man-holes before and/or after the StormTank
 - b. Inlet and Outlet Pipe
 - c. Discharge Area
2. System Operation
 - a. Inspect the system while in operation making sure inlets remain open and the system doesn't back-up.
 - b. If the system has a flow metering device confirm flow rates are not reduced or have changed drastically.

Maintenance Frequency

1. During Construction
Care should be taken to avoid siltation of the system during the construction process.
2. Project Completion
At completion of installation and all project related excavation the system should be flushed to rid the StormTank of any construction related debris and/or sedimentation.
3. Regular Maintenance
Maintenance to the system shall be performed based on the findings of the semi-annual inspection or decrease in system performance as observed in the system operation.

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Maintenance Procedures

1. Determine if maintenance is required. If maintenance is required proceed with the following steps. (If an upstream pretreatment system is being used and requires maintenance, follow maintenance guidelines for that particular product)
2. Using a vacuum pump truck evacuate debris from manholes, inlet and outlet piping and the discharge area.
3. Flush system with clean water (fire hydrant, tanker truck, etc.) forcing debris from the system.
4. Evacuate additional debris as in step 2.
5. Re-flush system
6. Repeat steps 2 and 3 until no additional debris is evident.

Maintenance Precautions

1. Be sure to conform to all safety regulations when performing maintenance.
2. Avoid extreme direct water pressure when flushing the system.

These Maintenance Guidelines were written by Brentwood Industries, Inc. with the express purpose of providing helpful hints. These Guidelines are not to be construed as the only Brentwood approved methods for StormTank system maintenance or the final authority in system maintenance. Check with the storm water system owner/ project engineer for their contract/specification requirements and or recommendations. Contact your local StormTank distributor or Brentwood Industries for additional technical support if required.