



DuroMaxx[®] SRPE Detention & Infiltration Maintenance Guide



DuroMaxx® Steel Reinforced Polyethylene (SRPE) Detention and Infiltration Systems

Maintenance

Underground storm water detention and infiltration systems should be inspected at regular intervals and maintained when necessary to ensure optimum performance. The rate at which the system collects pollutants will depend more heavily on site activities than the size or configuration of the system.

Inspection

Inspection is the key to effective maintenance and is easily performed. Contech Engineered Solutions recommends ongoing quarterly inspections of the accumulated sediment. Sediment deposition and transport may vary from year to year and quarterly inspections will help insure that systems are cleaned out at the appropriate time. Inspections should be performed more often in the winter months in climates where sanding operations may lead to rapid accumulations, or in equipment washdown areas. It is very useful to keep a record of each inspection. A sample inspection log is included for your use.

Systems should be cleaned when inspection reveals that accumulated sediment or trash is clogging the discharge orifice. Contech suggests that all systems be designed with an access/inspection manhole situated at or near the inlet and the outlet orifice. Should it be necessary to get inside the system to perform maintenance activities, all appropriate precautions regarding confined space entry and OSHA regulations should be followed.

Cleaning

Maintaining an underground detention or retention system is easiest when there is no flow entering the system. For this reason, it is a good idea to schedule the cleanout during dry weather.

Accumulated sediment and trash can typically be evacuated through the manhole over the outlet orifice. If maintenance is not performed as recommended, sediment and trash may accumulate in front of the outlet orifice. Manhole covers should be securely seated following cleaning activities.

Inspection & Maintenance Log Sample Template

_____ " Diameter System			Location: Anywhere, USA		
Date	Depth of Sediment	Accumulated Trash	Maintenance Performed	Maintenance Personnel	Comments
12/01/14	2"	None	Removed Sediment	B. Johnson	Installed
03/01/15	1"	Some	Removed Sediment and Trash	B. Johnson	Swept parking lot
06/01/15	0"	None	None		
09/01/15	0"	Heavy	Removed Trash	S. Riley	
12/01/15	1"	None	Removed Sediment	S. Riley	
04/01/15	0"	None	None	S. Riley	
04/15/15	2	Some	Removed Sediment and Trash	ACE Environmental Services	

SAMPLE



Support

Drawings and specifications are available at www.ContechES.com.

Site-specific support is available from our engineers.

DuroMaxx[®]
STEEL REINFORCED PE TECHNOLOGY

CONTECH[®]
ENGINEERED SOLUTIONS

800.338.1122

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