

Date: Fri, 17 Dec 1999 13:00:09 -0600
From: rpitt@eng.uab.edu
To: limnos@chebucto.ns.ca
Subject: RE: Stormceptor systems

Shalom:

Unfortunately (from a financial standpoint), I am not related to the Stormceptor. However, I have developed and tested the Multi-Chambered Treatment Train (MCTT). I have attached a summary EPA report on the MCTT performance. I am happiest with the Stormceptor review article, based on the USGS and the WI Dept of Natural Resources monitoring data, published in Techniques, from the Center for Watershed Protection (Tom Schueler's group).

Outfall control from a large area probably requires a wet detention pond of suitable size. If it is a small area (only a ha or so), the MCTT works extremely well. The Stormceptors generally are too under-sized to provide significant control for most pollutants (likely about 30% or so SS control). Other proprietary devices seem to also be undersized (to reduce cost).

Hydraulics and settling theory dictate relatively large commitments of land for important removals.

Hope you will find the information helpful.

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