
RE: 25527 NECC Athletic Fields - Stormceptor TSS Removal

From Cam Gosine <cgosine@brennanconsults.com>

Date Wed 4/22/2026 1:57 PM

To Rob Moore <rmoore@haverhillma.gov>; Conor O'Sullivan <cosullivan@ceiengineers.com>

Cc Pam Merrill - DEP (pamela.merrill@mass.gov) <pamela.merrill@mass.gov>

Warning! External Email. Exercise caution when opening attachments or clicking on any links.
Hi Rob,

I'd like to add that even accounting for only 25% TSS removal for the stormceptor units the weighted average of TSS removal for impervious areas will still be above 80% for the site

Conor – I can update the TSS spreadsheets and send you a calculation if that will help.

Thank You,

Cam Gosine

Project Manager

Brennan Consulting, Inc.

24 Ray Avenue, Burlington MA 01803

C: 603-494-6676

O: 781-273-3434 ext. 102

A WBE & DBE Certified Business



From: Rob Moore <rmoore@haverhillma.gov>

Sent: Wednesday, April 22, 2026 1:27 PM

To: Conor O'Sullivan <cosullivan@ceiengineers.com>

Cc: Cam Gosine <cgosine@brennanconsults.com>; Pam Merrill - DEP (pamela.merrill@mass.gov) <pamela.merrill@mass.gov>

Subject: Re: 25527 NECC Athletic Fields - Stormceptor TSS Removal

Hi Conor,

Please consider Pam's comments, below, as you go through the latest plan revisions.

Thanks

Rob

Robert E. Moore, Jr.

City of Haverhill - Conservation Department

From: Merrill, Pamela (DEP) <pamela.merrill@mass.gov>

Sent: Wednesday, April 22, 2026 8:54 AM

To: Cam Gosine <cgosine@brennanconsults.com>

Cc: Rob Moore <rmoore@haverhillma.gov>

Subject: RE: 25527 NECC Athletic Fields - Stormceptor TSS Removal

Warning! External Email. Exercise caution when opening attachments or clicking on any links.
Hi Cam,

Apologies for the delay. After culling through information about the 450i, MassDEP has been consistently informing people that we will only give 20-25% TSS removal credit when placed off-line. You've designed this treatment train, so the unit is in-line. In this case, you'd have to demonstrate the 450i can treat the entire 1/2-inch or 1-inch Water Quality Volume without going into bypass mode. I'm not sure if that's possible being the smallest Stormceptor unit.

Also, the drainage area being directed to each 450i can't exceed the 0.283ft³/second maximum flow rate. I didn't have time to dig through the Stormwater Report to verify if you have this in the design.

Pamela Merrill | Environmental Analyst

Wetlands Program

Massachusetts Department of Environmental Protection

150 Presidential Way, Woburn, MA 01801

c: 857.772.6982

pamela.merrill@mass.gov



From: Cam Gosine <cgosine@brennanconsults.com>

Sent: Friday, April 17, 2026 10:55 AM

To: Merrill, Pamela (DEP) <pamela.merrill@mass.gov>

Cc: Rob Moore <rmoore@haverhillma.gov>

Subject: RE: 25527 NECC Athletic Fields - Stormceptor TSS Removal

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Sorry. Forgot to include this reference for the 75% removal.

Thank You,

Cam Gosine

Project Manager

Brennan Consulting, Inc.

24 Ray Avenue, Burlington MA 01803

C: 603-494-6676

O: 781-273-3434 ext. 102

A WBE & DBE Certified Business



From: Cam Gosine
Sent: Friday, April 17, 2026 10:51 AM
To: Merrill, Pamela (DEP) <pamela.merrill@mass.gov>
Cc: Rob Moore <rmoore@haverhillma.gov>
Subject: 25527 NECC Athletic Fields - Stormceptor TSS Removal

Hi Pam,

Following up our earlier conversation regarding the stormceptor receiving a 75% TSS removal rating from TARP for in line structures. We are using 3 units that will be treating small impervious areas (1,500sf, 1,800sf, and 7,000sf). Deep sump catch basins will discharge to these units.

Thank You,

Cam Gosine
Project Manager
Brennan Consulting, Inc.
24 Ray Avenue, Burlington MA 01803
C: 603-494-6676
O: 781-273-3434 ext. 102



A WBE & DBE Certified Business

