

**From:** [James Lucas](#)  
**To:** [Larkin, Elizabeth](#)  
**Cc:** [Conklin, Mike](#)  
**Subject:** Re: 0 Mountain  
**Date:** Monday, March 18, 2024 12:05:59 PM  
**Attachments:** [image.png](#)  
[University of New Hampshire Stormwater Center 2012 Biennial Report.pdf](#)

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CAREFUL - From outside - CHECK before you CLICK.

Hello Liz,

Please see Steve's comments to the Applicants engineers' latest comments:

Jim,

My response to the applicant, please forward email to Mike Conklin and Liz.

1. University of New Hampshire Stormwater Center 2012 Report, see table on page 11, which clearly states TSS removal for deep sump catch basins in 9%, not 25% as stated by applicant. Information found in Greenwich and Darien Manuals are out of date and are not based upon actual field monitoring results.

2. TSS reduction only occurs in underground galleries if the runoff is actually infiltrating into the underlying soils. It has not been proven by the applicant that the runoff directed to the gallery systems will actually infiltrate, so the cited removal rate cannot be applied.

Steven D. Trinkaus, PE  
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Southbury, Connecticut 06488  
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# UNHSC Measure

Treatment Unit Description	TSS Total Suspended Solids (mg/l)		
	Influent	Effluent	% Removal
<b>Conventional Treatment Technologies</b>			
Retention Pond	55	30	68%
Detention Pond	77	16	79%
Stone (rip-rap) Swale	30	15	50%
Vegetated Swale	48	16	56%
Berm Swale	51	23	50%
Deep Sump Catch Basin	48	34	9%

## Manufactured Treatment Devices

Jim Lucas  
Aerosol Machinery Solutions, LLC  
5 River Road  
Suite 114  
Wilton, CT 06897

Phone: 203 563 0028  
Cell: 203 550 9116

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**From:** Larkin, Elizabeth <elizabeth.larkin@wiltonct.org>  
**Sent:** Monday, March 18, 2024 10:49 AM  
**To:** James Lucas <James.Lucas@amsaerosols.com>  
**Cc:** Conklin, Mike <Mike.Conklin@WILTONCT.ORG>

**Subject:** FW: 0 Mountain

Jim,

As Intervenor, please see attached.

Thank you,

Liz

203-563-0180

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**From:** wayne fairfieldce.com <wayne@fairfieldce.com>

**Sent:** Monday, March 18, 2024 10:09 AM

**To:** Larkin, Elizabeth <elizabeth.larkin@wiltonct.org>

**Cc:** marc nogid <mnogid@yahoo.com>; James Kelly <jim@jgk-law.com>; Aleksandra Moch <aleksandra\_moch@yahoo.com>

**Subject:** 0 Mountain

C A R E F U L - From outside - CHECK before you CLICK.

Liz

Please find response to consultant letter dated 3/17/24.

Best regards,

Wayne D'Avanzo, P.E.

Fairfield County Engineering LLC  
60 Winfield Street  
Norwalk, CT 06855

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