

Stormwater Management Report

Prepared for:

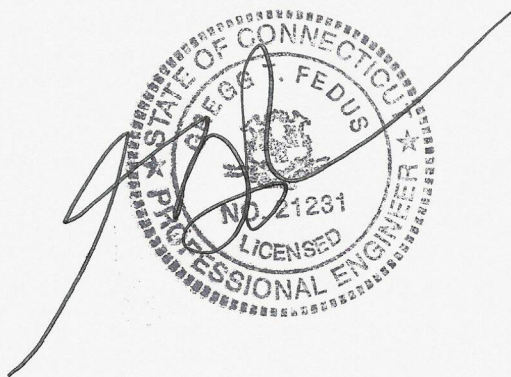
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18 Powerhouse Road

Montville, CT

SITE PLAN SUBMISSION

July 18, 2026



Prepared By:



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Narrative Summary:

Our drainage study confirms the peak flow analysis previously approved. The Hydro Cad results are attached and mimic the Fuller Engineering Report with adjusted area numbers for the slightly larger buildings and the control structure. Also, all of the underground 4' x 4' galleries have been combined. The existing development flows are from Fuller and our proposed flows are outlined in the table below:

PEAK FLOW ANALYSIS

Storm (Years)	Existing Flow	Proposed Flow
2	1.68 CFS	0.37 CFS
5	2.86 CFS	0.75 CFS
10	3.93 CFS	1.33 CFS
25	5.48 CFS	2.49 CFS
50	6.73 CFS	4.23 CFS
100	8.00 CFS	6.23 CFS

Conclusions:

The post development flows and volumes have been reduced from existing conditions using comparable rainfall data for all storms. The reductions are attributable to the construction of an underground infiltration system.

Attachments:

- HydroCAD Printout for Proposed Conditions