



Boundaries LLC  
179 Pachaug River Drive  
P.O. Box 184  
Griswold, CT 06351  
T 860.376.2006 | F 860.376.5899

[www.boundariesllc.net](http://www.boundariesllc.net)

September 13, 2025

Ms. Stacy Radford  
Zoning & Wetland Officer  
Department of Land Use & Development  
Town of Montville  
310 Norwich-New London Turnpike  
Uncasville, CT 06382

**Re: 25IWC19 – Fluid Line Products, LLC  
179 Gallivan Lane  
Montville, CT  
Site Plan and Stormwater Management Report Review**

Dear Ms. Radford,

Per your request Boundaries, LLC. has completed a review of the site plans and stormwater management report for the proposed light industrial re-development located at 179 Gallivan Lane (Map 048 Lot 016-000) prepared by Green Site Design, LLC. This review is intended to evaluate compliance of the plan with the requirements of the Town of Montville Inland Wetlands and Watercourses Regulations.

The following documents were received as part of the application package:

- Inland Wetlands Application.
- Project Narrative Letter.
- Stormwater Management Plan.
- Wetland Delineation Report.
- Site Plan for Proposed Industrial Building, 179 Gallivan Lane, Montville, Connecticut, Prepared for Fluid Line Products, LLC, Revised September 10, 2025.

This proposal reduces the impervious surfaces on the site, including within the Upland Review Area, and provides stormwater management where none existed previously. This proposal will be an improvement over existing conditions. The following comments or questions are based on the above documents:

General

- Please submit the CT DEEP Statewide Inland Wetlands & Watercourses Activity Reporting Form if not included in application package previously.



- Please submit abutter's list if not included in application package previously.

#### Stormwater Modeling

- Please evaluate the pipe discharge velocities to ensure that the appropriately sized riprap is specified for the project record.

#### Site Plans

- Due to the proximity to the upland review area, please confirm that refuse collection trucks can access the dumpster enclosure in the configuration as shown.
- Please update the callouts for the erosion control blanket to match the response to the Soil Scientist review comments throughout the plan set (noted on Sheets 3, 4, 7 (Note 13) and 8).
- Please continue a row of erosion controls along the eastern limit of clearing as the topography slopes to the northeast in this area.
- Please provide pipe sizes and construction details for the swale with curtain drain.
- Please provide a construction detail for the specified 1.5H:1V modified riprap slope stabilization.
- Please provide spot elevations for the reverse bench to ensure the bench meets the recommendations of the Soil Erosion and Sedimentation Control Guidelines:

#### **Reverse Slope Benches**

Reverse slope benches are required whenever the vertical height of any slope steeper than 3:1 exceeds 15 feet (see Figure 5- 7), except when engineered slope stabilization measures are included in the slope and/or a detailed soil mechanics analysis calculation has confirmed an acceptable factor of safety exists for the finished slope. Using the following design criteria provide:

- spacing between benches into nearly equal segments and convey the surface and subsurface water to a stable outlet while still considering soils, seeps, rock outcrops, and other site conditions.
  - bench width(s) of at least 6 feet (or sufficient to accommodate construction and long-term maintenance equipment).
  - reverse slope(s) of 5:1 or flatter between the outer edge of the bench and the toe of the upper slope.
  - a minimum bench depth of 1 foot.
  - bench gradient(s) to a stable outlet of at least 1% but not greater than 2%; and
  - no total flow length(s) within the bench exceeding 800 feet unless accompanied by appropriate design and computations to demonstrate adequate capacity and stability.
- Please update the level spreader detail so the dimension between the top of berm and top of riprap match the callout. Please identify the interior and exterior sides of the basin for clarity during construction.
  - Please confirm the size of the riprap called for in the Modified Riprap Splash Pad Detail. Please confirm splash pad dimensions with the plan callouts.
  - The proposed sewer installation is located within the Upland Review Area, within the limits of an existing paved surface. Please consider incorporating erosion control measures along this route or a procedure for maintaining a non-erodible trench surface at the end of working days. Please

incorporate a trench/pavement restoration detail. Please verify the inverts called out at the western manhole. Please provide details for the manhole and sewer pipe meeting Town of Montville WPCA requirements.

Please do not hesitate to contact me with any questions.

Sincerely,



David C. McKay, P.E.