David C. McKay, P.E. Jacob S. Faulise, E.I.T.

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January 14, 2025

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

Re: 24IWC11 – 349 Maple Ave. LLC 375 Maple Ave. and Route 163 Montville, CT Site Improvement Plan and Stormwater Management Report Review

Dear Ms. Radford,

Per your request Boundaries, LLC. has completed a review of the site improvement plans and stormwater management report for the proposed trailer storage facility located at 375 Maple Avenue and Route 163 (Map 031 Lot 015-000 and Map 031 Lot 019-000) prepared by CLA Engineers, Inc. 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:

- Revised Inland Wetlands Application and Abutters Lists.
- Revised Project Narrative Letter.
- Revised Stormwater Management Plan.
- Wetland Delineation Report.
- Revised Site Improvement Plan, 375 Maple Avenue/Route 163, Town of Montville, Connecticut 06382, Prepared for 349 Maple Ave. LLC, 410 Maple Avenue, Montville, Connecticut 06382, Revised January 13, 2025.

The previously provided comments have been addressed. Based on the revised documents I have the following comments or questions:

Stormwater Modeling

 Per page 60 of the Stormwater Quality Manual, "If flow rates and velocities at critical downstream locations increase by less than 5% from the pre-developed condition, and no existing structures are adversely impacted including exceedance of freeboard clearances and allowable flow velocities, then no additional analysis is necessary. Otherwise, the project proponent should redesign the stormwater quantity controls on the site and/or propose corrective actions to the impacted downstream areas." Please certify for the project record that the increased runoff rates from the site will result in less than 5% increases in flow rates and velocities at downstream locations and that no existing structures will be adversely impacted.

30-inch Drain Relocation

- Please provide the proposed top of frame elevation for the downstream manhole.
- Please specify the proposed rip rap gradation for the spread apron on the site plans. Per the information provided in the stormwater report rip rap used at the drainage discharge should be "standard."
- Please incorporate a hood in the proposed catch basin if feasible and acceptable to the Department of Public Works to provide some treatment of stormwater prior to discharge.

Please do not hesitate to contact me with any questions.

Sincerely,

David C. McKay, P.E.

