

# CLA Engineers, Inc.

Civil • Structural • Survey

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November 15, 2022

Meredith Badalucca  
Zoning & Wetlands Officer  
Town of Montville  
310 Norwich New London Tpke  
Uncasville, CT 06382

RE: 2040 Route 32 Gas Station/ Convenience Store  
CLA-7064X

Dear Ms. Badalucca:

We have reviewed the materials submitted to the Montville Inland Wetlands Commission for the referenced application. These materials include:

1. The application prepared by Heller, Heller and McCoy, dated October 20, 2022.
2. The project narrative prepared by Heller, Heller and McCoy, dated October 20, 2022.
3. The project plans Prepared by Fedus Engineering dated October 3, 2022
4. The Stormwater Report prepared by Fedus Engineering dated October 6, 2022.
5. A USACE permit for a different development plan dated 1998

CLA has the following comments.

1. Provide an existing conditions plan.
2. Delineate both sides of the resource areas that are currently delineated by one line of flags. Showing the width of these areas is important in determining impacts.
3. The soil scientist needs to sign the plans.
4. Show limits of disturbance on the plans.
5. IN places, the proposed E&S is shown as coincident the limits of paving and the wetland edge. As shown, the site cannot be built without wetland disturbance. It is better to show temporary wetland disturbance and restoration if needed.
6. The plans call for haybales to be located at wetland flags 1-4 and 41 to 43. These flags designate a swale/ intermittent watercourse and this E&S will not function properly.

7. Given the proximity of the development to the wetland additional E&S measures should be shown.
8. Provide a soil scientist's report.
9. Provide an assessment of the functions and values of the wetland and watercourse resource area prepared by a qualified individual.
10. Provide an impact assessment prepared by qualified individual.
11. Does the site receive the overflow from the upslope storm water basin on the Home Depot property?
12. Provide sizing calculations for the hydrodynamic separator
13. Provide a SWPP and spill plan for operation of the gas station
14. Provide a detail for the concrete pavement that will be used in the fueling area.
15. Document how the calculated WQV is being provided. How many cubic feet of storage are provided in the detention basin? What is the proposed hydrology of the basin?
16. Provide a planting plan for the detention basin.
17. Provide test pit and permeability data for the detention basin.
18. Provide a narrative for underground tank installation. Given the depth of the underground tanks, will wetland disturbance be required for tank installation?
19. Provide a dewatering plan for underground fuel tank installation.
20. Provide a four-foot deep sump and hood for the final catch basin before the stormwater basin.

Significant additional data and plan revisions need to be provided. Please contact me with any questions

Very truly yours,

*Robert C Russo*

Robert C. Russo CSS