



December 12, 2022

Mr. Geoffrey L. Jacobson, P.E.
Nathan L. Jacobson & Associates, Inc.
P.O. Box 337
Chester, CT 06412

**Re: Paige Management Corp
49 Plains Road
Map 45 Lot 03
Inland Wetlands Permit Application #22-20
Engineering Review NLJ#1223-0003**

Dear Mr. Jacobson:

Thank you for your letter dated December 6, 2022. We have revised the plans in accordance with your comments and I offer following comments numbered in a like manner to your letter:

1. Comment noted.
2. The existing fuel tank will be removed from site and a new 3,000 gallon convault tank will be installed, as shown on the revised site plans. A note has been added to the plans that a "Spill Kit" will be kept onsite.
3. Comment noted. The dumpster area has been relocated out of the upland review area and away from the wetlands area. A note has been added to the plans that the site will be kept free of loose trash and debris.
4. We have added a grass swale behind the proposed truck parking area and have revised the plans to incorporate hooded catch basin outlets on all structures. These changes in conjunction with the 4' sumps will help improve water quality on the site.
5. Drainage analysis comments:
 - a. Spot elevations have been added to the site plan and the drainage areas have been adjusted accordingly.
 - b. Revised TC calculations have been added to the Engineering Report and revised in the models accordingly.
 - c. An outlet control structure detail has been added to the plans.
 - d. The number of chambers has been updated in accordance with the revised models.
 - e. The pipe capacity calculations have been revised to fix the hydraulic grade line concerns.
6. The dumpster pad has been relocated.
7. Storm drainage details:
 - a. The catch basin details have been revised to include 4' deep sumps.

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- b. Calculations for the flare end section rip rap splash pads have been added to the engineering report and the sizes have been updated on both the site plan and detail sheets.
- 8. Comment Noted. A note regarding as-built requirements has been added to the construction sequence.
- 9. The construction sequence has been revised.

Additionally, we have made some other site plan revisions including reducing the amount of impervious site coverage. Both the site plans and engineering report have been revised to December 12, 2022.

Should you have any questions or require any further details please feel free to contact me.

Very truly yours,

DOANE ENGINEERING

A handwritten signature in blue ink, appearing to read 'Aron D. Schumacher', written in a cursive style.

Aron D. Schumacher

ADS/laa