

Proof that the facility meets siting criteria
(Checklist Item #14)

Route 5 Solid Waste Transfer Station

Prepared For:
Delaware Solid Waste Authority
1128 S. Bradford Street
Dover, Delaware 19903

Prepared By:
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The proposed Route 5 Transfer Station and Recycling Center meets the siting requirements outlined in Section 10.B of the DNREC Solid Waste Regulations.

1. ***Transfer stations shall be located only in areas where the potential for degradation of the quality of air, land, and water is minimal.***

This requirement is addressed by the Environmental Assessment, included as Checklist Item 6.

2. ***Transfer stations shall be located adjacent to access roads capable of withstanding anticipated load limits.***

A traffic study was conducted by McCormick, Taylor, and Associates, Inc. Based on the traffic study, Route 5 shall be capable of withstanding anticipated load limits, and the transfer station shall not negatively impact traffic in its vicinity.

3. ***No new transfer stations shall be located in an area such that solid waste would at any time be handled:***

- a. ***Within the 100-year flood plain.***

As shown on the FEMA Flood Insurance Rate Map for Sussex County, Delaware and Incorporated Areas (Map Number 10005C0340 F, Panel 340 of 660), the proposed site is located outside of the limits of the 100-year flood plain. The 100-year flood plain boundary is shown on Sheet G-1 of the Engineering Report (Checklist Item #5).

- b. ***Within any state or federal wetland.***

A wetland delineation study of the property was conducted by Straughan Environmental Services, Inc. (see Sheet G-1 included in the Engineering Report (Checklist Item #5)). Based on the wetland delineation study, the proposed transfer station will not be located within any state or federal wetland.

- c. ***So as to be in conflict with any locally adopted land use plan or zoning requirement.***

The DSWA is exempt from these requirements based on 7 Delaware Code Chapter § 64-6406. It should be noted that during the siting, design, and construction periods of the proposed facility, the DSWA will work with the local communities and government to keep them informed of the work progressing at the site.