



S T R A U G H A N
E N V I R O N M E N T A L
S E R V I C E S , I N C .

Wetland Delineation Delaware Solid Waste Station

Location: Hollyville, Delaware

Client: Delaware Solid Waste Authority, Sussex County

Description: The State of Delaware is proposing to construct a solid waste transfer station in Hollyville, Sussex County, Delaware. Straughan Environmental Services, Inc. (SES) conducted a wetland investigation of the proposed location of the transfer station to assist the State in determining potential impacts to wetlands and other “waters of the U.S.”

SES reviewed published information and performed a field investigation to identify and delineate wetlands and “waters of the U.S.” within the study area. The site consisted of approximately 69 acres of forested and agricultural land; therefore, SES established four transects crossing the study area and collected data at each significant change in vegetation.

SES delineated approximately eight acres of forested wetland and nearly 5,000 linear feet of stream at the site. SES attended a jurisdictional determination with the U.S. Army Corps of Engineers, who took jurisdiction over all of the systems delineated.

These efforts helped the Delaware Solid Waste Authority to develop the upland portion of the site and plan their stormwater management facilities to avoid impacts to water resources.