



Maryland Department of the
Environment

FACTS ABOUT: Roland Rigby Site

Site Location

The 5-acre Roland Rigby site (RR) is located one mile south of Marydel (Caroline County) along the Maryland side of the Delaware border. The site is accessed through a farm road located at 827 Grygo Road, Marydel, Delaware. The latitude and longitude of the site is 39.095022 degrees north and 75.745283 degrees west.

Site History

The Roland Rigby site was discovered by the Maryland Department of the Environment (MDE) when an inspector from the Solid Waste Division discovered the site in the 1970s. The inspector's report claimed that the site was used as an industrial waste dump site that was operated by Mr. Roland Rigby. The report claimed that industrial waste from DuPont was dumped at the site. The site came under renewed interest during the compilation of the Landfill Initiative Study that was performed in 2007 by MDE's Site Assessment Section.

Environmental Investigations

In 2009, a Preliminary Assessment (PA) was conducted on the site. As a part of the PA, historic aerial photos from 1946 to 1982 were evaluated. This analysis provided evidence of excavation and waste disposal until 1977.

In May 2010 a Site Inspection (SI) of the site was completed. The SI included sampling of soil, surface water, sediment and groundwater to determine if the waste dumped at the site was contaminating environmental media and posing a risk to human health or the environment. Based on observation, it appears that most of the waste deposited by DuPont was likely solid materials such as monofilament which was prevalent in masses at the surface of the site. Evidence of the disposal of hazardous material was not apparent during the SI. The toxicological data screen indicated that cobalt, iron and manganese exceeded the hazard index for the ingestion of shallow groundwater at the site. The SI did not recommend further investigation since no local domestic wells appear to be screened in the shallow groundwater.

Current Status

EPA has given the site a designation of No Further Remedial Action Planned, and MDE has no plans to further investigate the site.



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