

DELMARVA OIL COMPANY, BERLIN PLANT
Berlin, Maryland

Site Location

The Delmarva Oil Company is a commercial bulk storage facility located in Berlin, Maryland, Worcester County.

Site History

Environmental Investigations

In 1984, four monitoring wells were installed at the DMO (Delmarva Oil) Berlin Plant. After the installation, free product was detected in two of the wells. In response to this discovery, DMO contracted with Handex Corporation to undertake a product recovery operation. Inspection of the records indicate that the recovery operation was conducted between April and October of 1984. During this period approximately 36 gallons of product were recovered. In October of 1984, the recovery operation was halted with the approval of the Maryland Department of the Environment.

Early in 1991, DMO initiated an inspection, sampling and testing program for the four wells installed in 1984. The initial inspection revealed product in two of the wells (MW-1, MW-2). These are the same two wells which had been utilized for product recovery in 1984.

In March of 1991, John D. Hynes & Associates conducted an inspection and product sampling at the facility. The results of this investigation were reported to DMO in a letter dated March 26, 1991. At that time it was reported that a free phase product layer approximately 1 foot thick had been detected and sampled in MW-1 and MW-2. Analytical testing revealed that the free product found in MW-1 was characteristic of weathered gasoline and the product sampled from MW-2 appeared to be a combination of weathered #2 fuel oil and gasoline.

Given these findings, representatives of MDE, DMO and Hynes & Assocs. decided that two additional wells would be installed and one of the original wells should be replaced. This action would then be followed by analytical testing to determine the extent of the plume. Once the work was performed, it was determined that the product thickness was increasing over time, that a continuing source of product existed, and that groundwater at the site flows in a southwesterly direction.

Based on these findings, Hynes and concluded that a product recovery operation be initiated and that regular product measuring and monitoring be conducted.

Current Status

There is no further information in the file.

Contact

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