

MD-113 Baltimore City

Gulf Oil Company owned the site prior to 1947.

Crown Central Petroleum operated fuel storage terminal at the site from 1947-1968.

The site was unused from 1968-1970.

Crown Central Petroleum leased the property to Petroleum Marketing Corporation from 1970-1973.

Petroleum Marketing Corporation purchased the property in 1973 and operated the site until April 1978.

Petroleum Fuel and Terminal Corporation, which is a subsidiary of APEX Oil Company, purchased the property in April 1978.

A Preliminary Assessment of the site was conducted by the DHMH on September 16, 1983.

A Preliminary Assessment report for the Crown Central Petroleum site was prepared by DHMH in August 1984.

A Site Inspection of Crown Central Petroleum was prepared by NUS in December 1990.

CROWN CENTRAL PETROLEUM Baltimore City, Maryland

(MD-113)

Site Location

The Crown Central Petroleum site is located at 1622 South Clinton Street, Baltimore, Maryland (latitude 39° 16' 24" north & longitude 76° 35' 24" west). The site covers approximately eight acres of land and is utilized for fuel storage. It is occupied by fuel storage tanks of various sizes, two oil/water separators, office building, and a foam collection building.

Site History

The Gulf Oil Company owned the site prior to 1947. Crown Central Petroleum operated a fuel storage terminal at the site from 1947-1968. During those years, sludge from the bottoms of storage tanks were disposed of on the site by weathering and burial methods. The location of the weathering areas and burial pits were not identified. The site was unused from 1968 until 1970. Crown Central Petroleum leased the property to Petroleum Marketing Corporation from 1970 until 1973. The Corporation purchased the property in 1973 and operated the site until April 1978. Petroleum Fuel and Terminal Corporation, which is a subsidiary of APEX Oil Company, purchased the property in April 1978 and is currently the owner. The site is used for the storage and shipment of unleaded gasoline.

About every five years, the fuel storage terminals must be cleaned out which results in the generation of hydrocarbon wastes. According to the available data, in 1994 APEX generated a total of 23,957 gallons of hazardous wastes. APEX has been assigned EPA identification number MDD091805812.

Environmental Studies

The Maryland Department of Health and Mental Hygiene (DHMH) conducted a Preliminary Assessment of the site on September 16, 1983. A second Preliminary Assessment report on the Crown Central Petroleum site was conducted by DHMH in August 1984. The report mentions possible disposal of lead-contaminated fuel tank bottoms. However, the location of the disposal sites and the extent of disposed sludge are not known. A Site Inspection of the Crown Central Petroleum was prepared by NUS in December 1990.

Based on the laboratory analyses of aqueous and soil samples, the report indicated the presence of petroleum hydrocarbons in the subsurface at concentrations of 1500 ug/Kg or more. Elevated levels of arsenic, PCBs, polycyclic aromatic hydrocarbons (PAHs) and acetone were also detected in the soil samples. Both the aqueous and soil samples indicated the presence of lead. The same contaminants were also observed in an on-site oil/water separator.

Current Status

Based on the Cooperative Agreement reached with the Environmental Protection Agency (EPA) the

Maryland Department of the Environment (MDE) is conducting a site survey of the Crown Central Petroleum. The Site Survey Initiative was proposed to reassess the status of those sites that were previously designated No Further Remedial Action Planned by EPA. This initiative is intended to determine if site conditions have remained stable, provide a current description of the site, and identify and address any new pathways for contamination. The initiative is also intended to determine whether the State should recommend further investigation by EPA, oversight by the State and no further investigation by EPA, or no further action be taken by EPA or the State and that the State designate the site as a "Formerly Investigated Site."

Facility Contact

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