

MD-178
Anne Arundel County

GREEN VALLEY ROAD SITE
Arnold, Maryland

1968	MDOT purchased a 25.9-acre parcel for extension of the Anne Arundel Expressway.
1983	Witness complained of dumping to MDE.
1985	WMA prepared a <i>Preliminary Assessment</i> .
1987	Ownership of parcel was conveyed back to original owner. Parcel deeded to Bruce Watts of Arnold, Maryland.
1990	EPA prepared a <i>Site Inspection</i> report.
1991	MDE inspected the dump site again, concluded no new dumping.

Site Location

The Green Valley Road site is a 2-acre area of open dumping located in a heavily wooded area at the end of Green Valley Road in Arnold, Anne Arundel County, Maryland. The site is located on the U.S. Geological Survey Round Bay, Maryland quadrangle topographic map at coordinates 39° 02' 18" North and 75° 30' 07" West.

The dump site was part of a 25.9-acre tract of land that ran approximately 100 yards behind a residential development along the base of an embankment. Waste was dumped over the embankment, which dropped about 30 feet at a 45-degree incline to the road below. An unnamed, intermittent stream flows roughly parallel to the embankment, 75 feet from the dump area. The region at the bottom of the embankment was densely wooded and heavily vegetated. The surrounding region consists of numerous residential developments perched on gradually sloping hills and flatlands.

Site History

In 1968, the Maryland Department of Transportation, State Highway Administration (SHA), purchased a 25.9-acre parcel of land consisting of the subject site and an adjacent lot from Samuel Watts for future use for the extension of the Arundel Expressway. The highway project was abandoned and, in accordance with Maryland law, ownership of the land was conveyed back to the original owner in April 1987. Ownership prior to 1968 is unknown. In 1987, Samuel Watts deeded the subject site to Bruce Watts of Arnold, Maryland.

Environmental Investigations

Unauthorized dumping at the site occurred prior to the site investigations performed by the Maryland Department of Health and Mental Hygiene's Waste Management Administration in 1983. The site investigation was based on an anonymous complaint by a witness who reported in 1983 seeing a soapy yellow chemical being dumped over the embankment. One unidentified 55-gallon drum of liquid material was sampled, placed in an overpack drum and removed from the site by a certified contractor. The drum was found to contain paint stripper. Analysis of the hazardous waste characteristics of the stripper showed the material was ignitable but not reactive or corrosive. Parties responsible for the dumping were not identified.

In 1985, the Waste Management Administration completed a *Preliminary Assessment* report. The report noted that the dump area contained household trash and white goods, a junked automobile, a junked boat, several badly decomposed 20-gallon fiber drums, several steel 55-gallon drums, a large steel cylindrical tank, and various bulk metal debris. Many of the steel 55-gallon drums were embedded in the bank. Stained soil and a decomposed drum were located on a wide path leading away from the junked automobile.

The U.S. Environmental Protection Agency (EPA) completed a *Site Inspection* report in 1990. Activities during the site inspection included sampling on-site surface water, sediment, and soil, and off-site background soil and a domestic well. Partially buried, rusted drums were observed along the embankment, as was black-stained soil. The black-stained soil was located next to remnants of a steel drum. The stained area was two by three feet in size and contained a one-inch layer of a white greasy

substance, one inch below the surface. Elevated levels of benzo(a)-pyrene, phenanthrene and bis(2-ethylhexyl) phthalate were detected in on-site soil samples.

In 1991, MDE again inspected the Green Valley Road dump site upon receiving a complaint of drums. Since weeds and other vegetation were overgrowing the site, they concluded that the drums were those reported earlier and no recent dumping had occurred.

Current Status

This site is on the State Master List that identifies potential hazardous waste sites in Maryland. The Master List includes sites currently identified by the EPA's Comprehensive Environmental Response Compensation and Liability Information System. EPA has given the site a designation of No Further Remedial Action Planned (NFRAP). The designation of NFRAP by EPA does not mean that MDE has reached the same conclusion concerning further investigation at the site. The information contained in the fact sheet presents a summary of past investigations and site conditions currently known to MDE.

Facility Contact

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