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## Hidden Lane Landfill

*Sterling, Virginia*

*EPA Facility ID: VAD980829030*

*Basin: Middle Potomac-Catoctin*

*HUC: 02070008*

The [Hidden Lane Landfill](#) is a former dump encompassing approximately 12-ha (30 acres) in Sterling, Loudoun County, Virginia. The Potomac River runs to the north of the site and Broad Run runs to the west of the site. Both waterbodies are approximately 0.8 km (0.5 mi) from the former unlined dump. From 1971 to 1984, the site accepted construction wastes and household trash including pesticide drums, oil drums and containers, paint cans, and appliances. The facility was unregulated and did not operate under a permit until 1981. In 1984, the dump was closed and covered with a clay cap. The site remains vacant. During numerous investigations conducted at the site, semi-volatile organic compounds (SVOCs), VOCs, pesticides, and herbicides have been detected at elevated concentrations in groundwater samples taken from monitoring wells at the site and residential wells in the vicinity of the site.

Groundwater underlying the site is encountered approximately 2 to 3 m (6.5 to 10 ft) below ground surface and generally flows to the north towards the Potomac River. Surface water runoff information about the site was not available in the documents reviewed for this screening.

Broad Run, west of the site, is a tributary to the Potomac River. The Potomac River is a tributary of Chesapeake Bay. The Potomac River provides spawning, rearing, and adult habitat to numerous anadromous fish species including alewife, American shad, blueback herring, hickory shad, striped bass, and white perch. The catadromous American eel is also found in the Potomac River and its tributaries (Stone et al. 1994). There are no impediments blocking migratory fish passage from Chesapeake Bay to Broad Run.

*This screening-level site review is based on resource and contaminant information available in the USEPA site narrative and the hazard ranking score documentation record at the time the site was proposed for placement on the USEPA National Priorities List. It does not represent a review of all the information available for the site. At this time, NOAA's Office of Response and Restoration, Assessment and Restoration Division, Northeast Branch is investigating this site. Should new information become available to this office that indicates there is potential harm to NOAA Trust resources associated with this site, this office will activate its role as Trustee.*

*September 2007*

### References

Stone, S.L., T.A. Lowery, J.D. Field, C.D. Williams, D.M. Nelson, S.H. Jury, M.E. Monaco, and L. Andreasen. 1994. Distribution and abundance of fishes and invertebrates in Mid-Atlantic estuaries. Silver Spring, MD: NOAA/NOS Strategic Environmental Assessments Division.