
Flash Cleaners

Pompano Beach, Florida

EPA Facility ID: FLD083111005

Basin: Everglades

HUC: 03090202

[Flash Cleaners](#) is a former dry cleaning facility encompassing approximately 0.5 acres (0.2 hectares) in Pompano Beach, Broward County, Florida. Several commercial and residential areas surround Flash Cleaners. The facility operated as a dry cleaning service from 1977 to 2001. Wastewater from dry cleaning processes was discharged to an on-site septic tank and associated drain field. The facility is west of several canals that are connected to the Hillsboro River.

During investigations conducted by the Florida Department of Environmental Protection, volatile organic compounds (VOCs) including tetrachloroethylene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (DCE), and trans-1,2-DCE were detected at elevated concentrations in soil and groundwater samples taken from the site and in sludge samples taken from the on-site septic tank.

Groundwater underlying the site is encountered approximately 15 ft below ground surface. Groundwater underlying the site flows east through the shallow and highly permeable Biscayne Aquifer towards the Atlantic Ocean. Saltwater intrusions regularly occur along the entire coastal area of the Biscayne Aquifer. Surface water runoff from the site flows east towards several canals that are connected to the Hillsboro River. The Hillsboro River discharges to the Atlantic Ocean approximately 2.5 miles southeast of the site.

The Hillsboro River is a tidal-estuarine river of the Atlantic Ocean and provides habitat to several NOAA trust resources including marine and estuarine fish and invertebrate species (Nelson, et al. 1991). Marine mammals such as the federally listed manatee and several species of federally listed sea turtles are found in the surface waters in the vicinity of the site (USFWS 2008).

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, Southeast Branch is not actively working on this site. However, 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.

References

Nelson, D.M., et al. 1991. Distribution and abundance of fishes and invertebrates in southeast estuaries. NOAA/NOS Strategic Environmental Assessments Division, Rockville, MD.

U.S. Fish and Wildlife Service (USFWS). 2008. Species lists by county, Broward County. Available at: USFWS South Florida ecological services office, endangered species, <http://www.fws.gov/verobeach/images/pdflibrary/Broward%20County3.pdf> (accessed September 3, 2008).

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