

COLLINS ELECTRIC/JOHNSON PROPERTY
Stevensville, Queen Anne's County, Maryland

Site Location

The 7-acre Collins Electric/Johnson Property is located on Old Love Point Road, Stevensville, Maryland. The site, located in a historically agricultural area that has become residential in recent years, is bounded by Old Love Point Road to the east, Kent Island High School to the south, and undeveloped woodlands to the west and north. Residences are located across Old Love Point Road from the site. The site is currently vacant with a grassy field and partially wooded area. There is a paved access driveway that is chained to restrict vehicle access.

Site History

Prior to 1956, the property was a part of the Timber Ridge Farm. From 1956 to 1971, Collins Electronics operated the property for the production and testing of specialty electronic components. Operations included assembling and cleaning components using a variety of acidic and caustic cleaners. The property was purchased by Phyllis Johnson in 1971 and was used for storage by her husband. Items stored included the remaining electronic cleaning equipment left by Collins Electronics, industrial equipment and office supplies. Starting in 1993, the property owner was subject to numerous violations and orders related to the storage of hazardous wastes on the property. In 2002, Queen Anne's County purchased the property and began work on removing the hazardous waste and demolition of the building. However, prior to the removal of a capacitor containing polychlorinated biphenyls (PCBs), the building caught fire and the capacitor was damaged and moved during fire-fighting activities. The County has since had the capacitor removed, the building demolished and the site re-seeded.

Environmental Investigations and Actions

In 2002, the Maryland Department of the Environment (MDE) conducted a two phase Brownfields Assessment on the property. The first phase included collection and screening of soil samples for metals, carcinogenic polyaromatic hydrocarbons, PCBs, total petroleum hydrocarbons/benzene, toluene, ethylbenzene and xylene. The screening identified three areas of concern at the site that were sampled for soil and groundwater using a gridded sampling approach that identified the presence of metals, PCBs and petroleum-related organics in the soils and solvents and petroleum-related organics in the groundwater. A site-specific toxicological evaluation of the data identified potential risks by dermal contact and ingestion of groundwater. Residential wells in neighboring homes were sampled and revealed no contamination. In August 2002, one 2,000-gallon fuel oil underground storage tank was removed from the property.

In 2003, the Voluntary Cleanup Program completed additional sampling on behalf of the County that included the collection of subsurface samples to determine the depth of PCB-contaminated soils and off-site shallow groundwater samples analyzed for volatile organic compounds. Analysis of the subsurface soil samples showed that no PCBs were present and

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confirmed the results of the previous toxicological evaluation. Analysis of groundwater samples confirmed that contaminated groundwater was not leaving the site.

Current Status

Queen Anne's County applied to the MDE's Voluntary Cleanup Program seeking a No Further Requirements Determination for future limited residential use for the property. MDE issued a No Further Requirements Determination for the property on January 5, 2005 for future use of the property for limited residential, commercial or industrial purposes, no use of the groundwater beneath the property for any purpose, notification of the Department 30 days prior to any excavation on the property and the presence of a Health and Safety Plan if the groundwater is to be encountered during excavation.

Facility Contacts

Contact Name	Contact Organization	Contact Telephone #
Jim Metz, Chief	Voluntary Cleanup/Brownfields Division Maryland Department of the Environment	410-537-3493

Site Repositories

Project files are located at MDE's offices at 1800 Washington Boulevard, Baltimore, MD 21230.