

3.16.1 PAUL WILLIS CLOSED LANDFILL

Facility Name: Paul Willis Landfill
A.K.A.: Furlong Clean Fill Site
Location: 8073 Furlong Drive
Parcel #: 63000300110
Lat, Long: 39.204671 -84.703800
Region: Cleves, OH 45002
Owner: Mt Hope LLC @2
Operation (yrs): 1966 – 1976 (based on records)



FACILITY OVERVIEW

Paul Willis Landfill is located in Whitewater Township, Hamilton County, Cleves, Ohio. The parcel is located approximately 1000' southeast of the intersection of State Route 128 and I-74; the Great Miami River borders the property to the southeast. Hamilton County Auditor records address the property as 8073 Furlong Drive, Cleves, OH 45002. The former landfill covers approximately 22 acres.

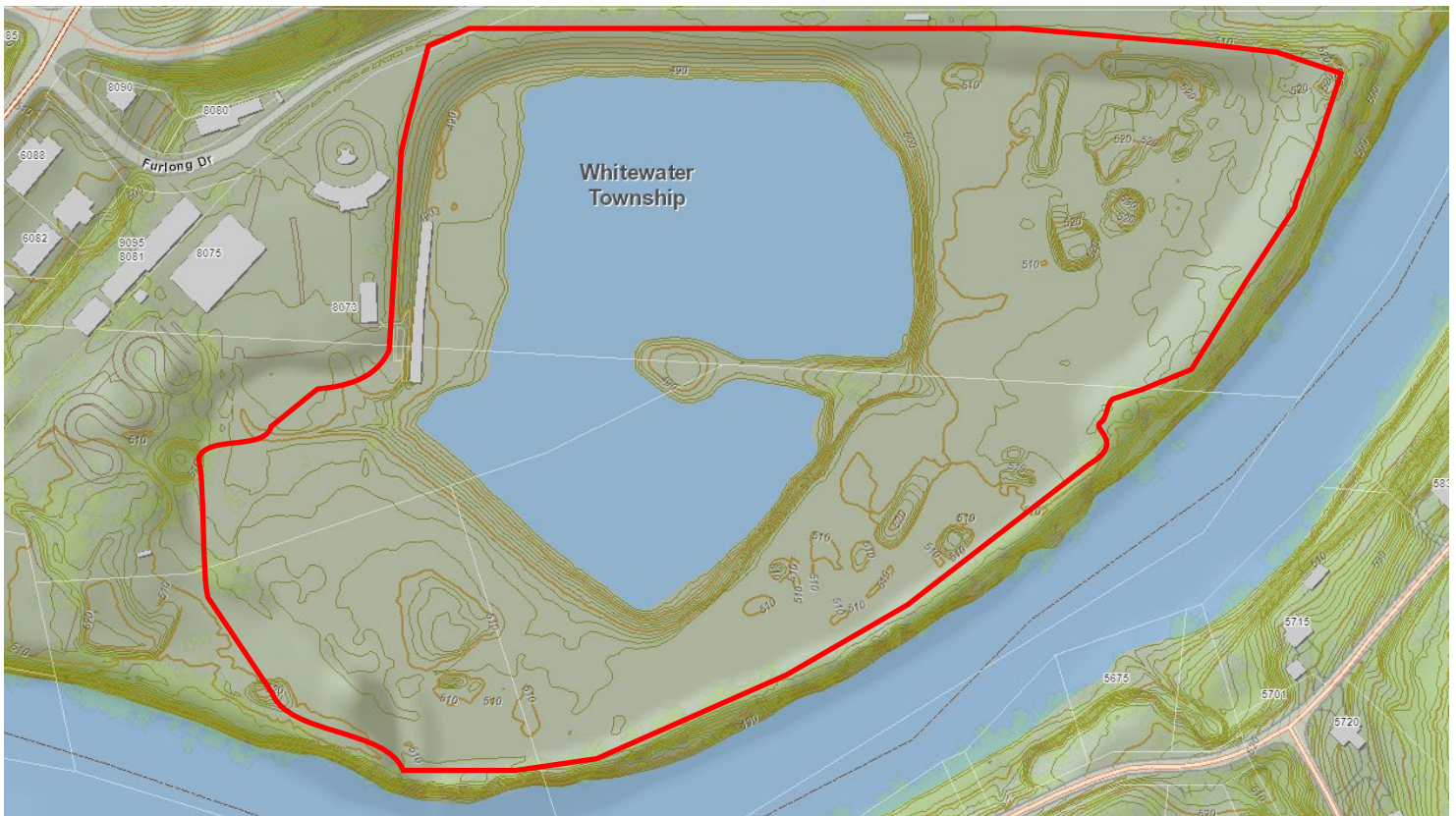
Based on records, operation of the landfill dates back to 1966. The site, formerly owned by Paul Willis, existed as a gravel pit prior to and during the acceptance of debris. Records indicate that the site was used for, "the

dumping of burnables from building construction at the Monsato Company, Addyston, Ohio, such as wood, cardboard, and paper.” Invoices indicate a timeframe of August 1, 1966 to January 28, 1970.

Two requests were made in 1971 to operate the property as a dump site. The first request was for operation as a sanitary landfill for the acceptance of incinerator residues from the City of Cincinnati. This request was denied by The State of Ohio Department of Health due to unsatisfactory site characteristics (former gravel pit, groundwater proximity, leachate production, insufficient clay liner and daily cover soils). The second request was for disposal of, “demolition materials, paper, glass, etc. (no chemical, liquids or garbage).” At the time of the request, demolition materials were excluded from solid waste regulations. The State of Ohio Department of Health determined that the site was unsuitable as a solid waste disposal site (including paper material and refuse collected from commercial establishments) but could not prohibit the disposal of demolition debris.

Records indicate that waste disposal occurred from as early as 1966 and continued, to some extent, to as late as 1976. Topography of the former landfill was created as demolition debris was filled into the former gravel pit. While operating as a landfill, the former gravel pit was approximately half filled with the remainder covered by a pond with a small central island. Figure 3.16.1-A illustrates the topography of the site prior to the current clean hard fill project.

FIGURE 3.16.1-A



During a 2014 inspection of the former landfill, a large amount of construction and demolition debris was observed in the northeast portion of the site. The material was not being used as fill. The open dumping of this material was addressed in a December 3, 2014, NOV to the property owner. During a follow up inspection, the material had been removed.

In 2018 the owner of the property submitted to HCPH a Notice of Intent to Fill in order to be able to place clean hard fill on the property. The submitted plan drawings indicated much of the onsite pond will be filled in and areas surrounding the pond will be raised in elevation as well. These activities are ongoing at the property.

SAMPLING RESULTS

No surface water sampling or biological sampling is performed at this landfill. However, Carmical sampling location #1 (Figure 3.3.2-C) is located on the southwest corner of the suspected location of the landfill.

No gas monitoring is performed at this landfill due to lack of occupied buildings near the landfill.

SITE INSPECTIONS

The site was inspected by HCPH on December 10, 2021. No violations related to the former landfill were observed.

SITE PRESENT DAY

Property was previously used as a recreation area including a miniature golf course, batting cages, and a driving range. Buildings and infrastructure remain but is no longer in use. The property is an active clean hard fill site with concrete crushing and material storage also occurring on the property.

