

3.1.3 Amberley Village Landfill

Facility Name: Amberley Village Landfill

A.K.A.: Amberley Village North Site Composting Facility;
Amberley Leaf and Woody Debris Disposal

Location: 8605 Ridge Road
Amberley Village, OH 45237

Parcel(s): 52600400026

Lat, Long: 39.216898 -84.434781

Region: Amberley Village

Owner: Amberley Village

Operation (yrs): 1950's – late 1980's



Facility Overview

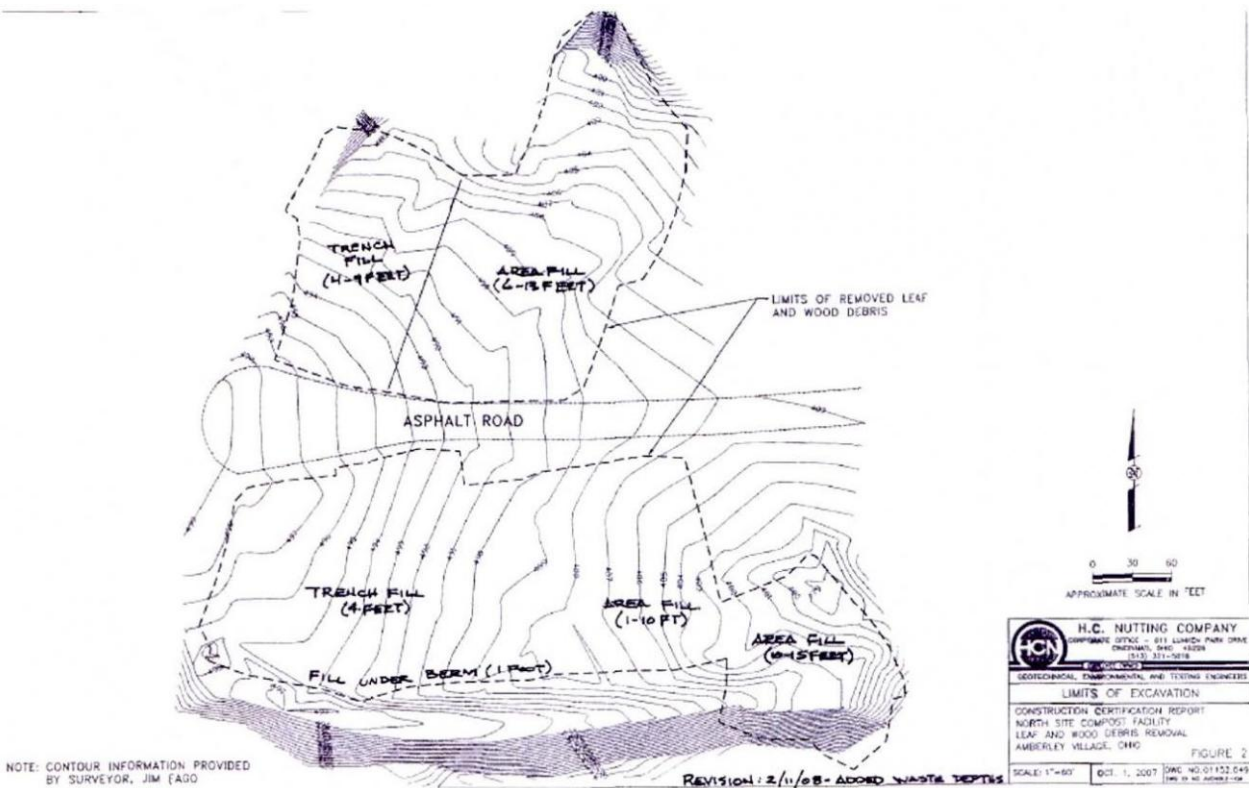
Amberley Village landfill operated as a series of trenches excavated 6 to 10 feet deep, probably beginning in the late 1950's and ending in the late 1980's. The Village used these trenches for disposal of leaves, wood debris, tree limbs, and logs. The filled trenches were then covered with 2 to 4 feet of native clay soil. Most of the trenches were oriented in a north-south direction. Hamilton County permitted the landfill in 1969 and the facility was later "grandfathered" under the Ohio Environmental Protection Agency (OEPA) solid waste regulations that

went into effect in 1976. The Village closed the underground disposal facility in 1989 and replaced it with a surface composting facility.

In August 2003, Rule 13 authorization was granted to the Jewish Federation of Cincinnati to excavate, evaluate, and monitor test pits in three areas of debris placement. This study was prepared by Civil & Environmental Consultants (CEC) in a report dated December 5, 2003. CEC mapped the former disposal trenches using a combination of test trenches, test pits, and geophysics. CEC identified four trenches on the north side of a centrally located access road and ten trenches in the area south of the access road. In September 2004, an Explosive Gas Monitoring Plan (prepared by CEC) was submitted for the site.

From July to September 2007, Amberley Village contracted the removal of the buried leaf and wood debris from the disposal areas. Rule 13 authorization from the OEPA was granted for this project in a letter dated April 4, 2006. The work was performed by Evans Landscaping Inc. and oversight/engineering services were provided by H.C. Nutting Company. Once the buried leaf and wood debris material was excavated and removed from the site, the excavations were filled with compacted soil. The finish grade surface was shaped to promote surface drainage. The excavated leaf and wood debris material (22,146 cubic yards) was transported to the licensed Evans Landscaping compost facility and seven 30 cubic yards of solid waste materials (concrete, metal, and plastic) encountered were transported to Rumpke Sanitary Landfill. The excavation process in the northwest corner of the property stayed approximately 20 feet away from the cellular telephone tower or approximately 5 feet outside a perimeter chain-link fence. The material was left in place to avoid adverse impacts to the tower which was constructed in 2000. Because of this limitation, approximately 800 cubic yards of the leaf and wood debris was not removed from the site. Figure 3.1.3-A shows areas and depths that materials were removed from:

FIGURE 3.1.3-A



SAMPLING RESULTS

Limited waste remains onsite surrounding a cellular phone tower located on the northwest corner of the facility. An Explosive Gas Monitoring Plan for the Cell Tower compound Area was submitted to the Ohio EPA in February 2008 and was revised June 2008. In a February 3, 2010, letter the OEPA authorized the facility to cease explosive gas monitoring at the facility. In 2020 Ohio EPA conducted an explosive gas investigation at the site. The investigation consisted of conducting gas monitoring at thirteen punch bar locations around the property and no explosive gas was detected during the investigation. An additional explosive gas investigation was completed in 2022. During the investigation gas monitoring was conducted at 10 punch bar locations and no explosive gas was detected. WM will continue to monitor activities at this facility.

FACILITY INSPECTIONS

The site was inspected by HCPH on September 13, 2022. The inspector noted that no violations or nuisance conditions were observed on the site.

SITE PRESENT DAY

With the exception of the cell phone tower on the northwest corner, the site currently exists as undeveloped land. A portion of the property continues to be maintained by the Village to store materials for an OEPA registered Class IV composting facility as well as aggregates and soil.

