Environmental Protection Agency

WIN Waste Innovations of Seneca County

Waste Relocation Plan

Overview

As part of its permit approved in 2024, WIN Waste Innovations of Seneca County will implement a waste relocation project in 2026 to move approximately 2 million cubic yards of waste from Phase 1, a historic unlined cell used in the 1970s, to a newly constructed, composite-lined cell. This project will improve environmental protection by ensuring that all disposed waste is contained within cells that meet modern and best available technology standards.

WIN Waste submitted a Waste Relocation Plan (WRP) for this project to Ohio EPA which specifies procedures for removing and measuring the waste, managing stormwater and leachate, controlling odor, dust, and litter, and planning contingencies if unanticipated waste is discovered.

WIN Waste will select a third-party contractor to perform the work. The project is anticipated to start in March of 2026 and last approximately 18 months.

Frequently Asked Questions

Why is the waste being relocated?

When waste was first placed in the landfill in 1970, regulations did not require liners as a barrier between waste and the ground. The waste is being relocated to a newly constructed, ***composite-lined cell****.

When will the waste relocation begin, and how long will it take to complete?

The waste relocation is tentatively scheduled to begin in March 2026 and is expected to take approximately 18 months.

When was the waste relocation plan (WRP) approved? Where can I find it?

The WRP was approved on Sept. 11, 2024, as part of the landfill's permit-to-install (PTI) #1487337. The plan is contained in Volume V, Appendix C8-B of the *permit application*, document handle 3199364, accessible through our *eDoc system*.

How can you ensure all waste is excavated from Phase 1? What happens to that cell?

Excavation of Phase 1 will continue until all visible waste and contaminated soil are removed. Five-foot test pits will be dug on a 100-foot grid of the cell to confirm that the bottom of the waste has been reached. As part of its permit approved in 2024, after waste is removed from Phase 1, WIN Waste Innovations of Seneca County is authorized to construct a composite–lined cell that meets modern and best available technology standards.

Will exposed waste be covered during the excavation?

The active excavation area will be limited to the smallest practical area when operating and will be covered at the end of the workday with at least 6 inches of soil or a ***geotextile**** alternative.

How will odors be managed during the project?

A cover will be applied to the active excavation area at the end of each day. Odor suppressants or neutralizers will be used if necessary, and hydrogen sulfide monitoring will occur twice daily.

How will dust and litter be managed during the excavation?

WIN Waste will utilize water trucks to control dust and install litter fences to manage windblown waste.

How will leachate be managed?

Leachate* will be collected for off-site disposal. The WRP also provides best management practices to minimize leachate generation by using ***positive drainage**** and stormwater diversion berms.

Who will monitor the waste relocation?

The *Seneca County General Health District* and Ohio EPA conduct routine inspections to ensure compliance with applicable permits, laws, and regulations.

What happens if potentially hazardous waste is encountered?

WIN Waste will follow the facility's approved ***PCB**** and Hazardous Waste Detection Plan to manage any unanticipated waste according to applicable state and federal laws.

Where can I find more information?

Contact Dina Pierce in our Office of Communications and Outreach at *dina.pierce@epa.ohio.gov* or 614.644.2160 with questions or concerns about the project.

*Definitions

A ***composite-lined cell*** is a landfill cell designed with multiple layers of materials to prevent the migration of leachate and other contaminants into the environment.

Geotextiles are human-made fabrics typically made from polymers such as polypropylene or polyester. They are designed to interact with soil and other materials to improve stability, control erosion, and manage water flow in construction and environmental projects.

Landfill ***leachate*** is the liquid that results from the infiltration of water through waste materials in a landfill.

Positive drainage is a water management strategy that ensures water flows away from structures, preventing accumulation and potential pooling.

Polychlorinated Biphenyls (PCBs) are human-made organic chemicals composed of carbon, hydrogen, and chlorine atoms.