

Rumpke's Bond Road Landfill

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HISTORY AND CURRENT OPERATIONS



- The landfill was established in 1965. Since its inception, the site has been owned and operated by numerous companies, including Monsanto and its affiliate companies from 1980-1998. On December 31, 1998-Rumpke signed the purchase agreement to take over ownership of the site.
- While never a main disposal site for Rumpke, the site has continued to receive waste annually. The site is currently permitted to receive 100 tons per day, under its solid waste permit, and up to 4,000 tons per day under its air permit.
- The site currently has more than 7.25 million cubic yards of permitted disposal space available at the site.
- Rumpke currently owns 579 acres at the site, after recently acquiring 466 acres in early 2021. While this acreage does include land in Indiana, trash is only permitted to be placed on the Ohio side. Previously, the property in Indiana was used for soil only. Today, it's part of greenspace buffer.
- The site is regularly inspected by the Hamilton County Health Department as well as the Ohio Environmental Protection Agency (EPA). Since no trash is placed in Indiana, the Indiana Department of Environmental Management (IDEM) doesn't monitor the site.
- The site is a municipal solid waste landfill, meaning it accepts trash from homes and businesses. It does not accept any hazardous waste, and historical records show no hazardous waste was ever accepted at the site.
- The geological makeup of the land makes the Bond Road site ideal for a landfill. Geological studies show the lack of an aquifer or drinking water below or near the site.
- Rumpke maintains 10 groundwater monitoring wells at the site. The wells are monitored and the results are recorded by the Ohio EPA. These wells monitor groundwater before and after the site. Information related the results of monitoring can be found on the Ohio EPA e-docs.
- Surface water is directed to a sediment pond on site where it is monitored monthly by a third-party agency and results are reported directly to the Ohio EPA. Water is permitted to be released to local tributaries. Information related the results of monitoring can be found on the Ohio EPA e-docs.
- As part of the site's daily operations, Rumpke removes leachate, which is any water that comes into contact with waste. The leachate is pumped out of the landfill and stored in storage tanks on site. Tanker trailers transport the leachate to the Harrison Wastewater Treatment plant, daily. On average, three tanker loads of leachate are removed from the site daily.

THE FUTURE OF BOND ROAD LANDFILL



- Rumpke purchased 466 acres adjacent to the site in early 2021. With the addition of this land, Rumpke built a new entrance off of Sand Run Road that will allow for more efficient and safer travel to and from the site. Once complete, this new entrance will include fencing and appropriate landscaping buffers to ensure an aesthetically pleasing appearance, and above all appropriate traffic flow and safety.
- Rumpke conducted traffic studies to determine the best location for this entrance.
- The site currently has permitted landfill disposal space. Rumpke may start to divert additional tonnage to the Bond Road site in the future.
- In 2022, Rumpke plans to file a permit to add a small amount of acreage as permitted landfill south of existing operational landfill. As part of this process, there are many engineering, land and water studies required as well as an extensive permitting process.



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BENEFITS TO THE TOWNSHIP AND SURROUNDING AREA: JOBS & FUNDING



- Right now, there are no full-time employees at the site. Employees from other Rumpke sites monitor the operation and perform work there as necessary. As the site is updated, we would add an area for container storage, an updated wheel wash and a scale house. We expect to add 6-10 new jobs in the coming years.
- For every ton of trash disposed of at the site, Whitewater Township will receive \$.25 and Hamilton County will receive \$1.00 per ton of waste.
- The newly assessed property value of the 579 acres that Rumpke will own (with Rumpke's purchase price and improvements) the Township will receive an estimated \$7.3 million increase in tax value.

MEANING ESTIMATED INCREASES FOR THESE FUNDS:



TAX INCOME FROM PURCHASED PROPERTIES	CURRENT	AFTER RUMPKE PURCHASE
School District	\$5,316.15	\$39,073.70
Township	\$3,143.16	\$23,102.23
Joint Vocational School	\$417.95	\$3,188.96
County General Fund	\$395.48	\$2,906.78

ABOUT LANDFILLS



- Landfills are highly engineered containment systems. Landfills are built in sections known as cells. Prior to placing trash in a cell, a series of protective liners are installed, including three feet of recompacted clay, followed by a high-density polyethylene plastic liner, then geotextile, and lastly a drainage layer comprised of either sand, shredded tires or gravel to help facilitate leachate wastewater removal.
- Landfills are designed to protect human health and the environment. Aside from recycling, the EPA has stated that landfills are the best available technology for disposing of waste.
- According to multiple EPA studies, no known health effects have been directly associated with landfills.

FOR BOND ROAD LANDFILL UPDATES



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- **Contact Email:** amanda.pratt@rumpke.com



www.rumpke.com | 1-800-828-8171

