

FACT SHEET

Lauer 1 Sanitary Landfill Boundary Road Landfill



BACKGROUND

The 58-acre Lauer I Sanitary Landfill/Boundary Road Landfill (BRL) site is a closed landfill in Menomonee Falls, Wisconsin. The BRL site is owned and operated by Waste Management of Wisconsin, Inc. (WMWI). The BRL began operation in 1954 as part of a sand and gravel operation, which later accepted municipal and industrial waste. When the site ceased operation in 1972, it was closed and covered in accordance with industry practices at that time.

Many landfills accumulate a liquid called leachate when water seeps into the landfill and mixes with contaminants in the waste. At the BRL, waste was placed below the groundwater table. As a result, leachate from the landfill caused contamination in the surrounding groundwater aquifer. The site was placed on the U.S. Environmental Protection Agency's (EPA) National Priority List (NPL) in 1984, establishing its Superfund site status.

The cleanup plan selected in 1996 included a new landfill cover, slurry wall barrier to groundwater, active gas extraction, leachate extraction and long-term monitoring of groundwater, surface water and landfill gas. These measures remain intact today. The Wisconsin Department of Natural Resources (DNR) is the lead agency responsible for oversight of the current monitoring and maintenance, with regulatory support from the EPA.

WMWI also owns and operates two landfills adjacent to the BRL; the Orchard Ridge RDF landfill (ORL) directly west, and the ORL Eastern Expansion to the north. Both landfills are open and actively accepting waste.

In 2021, WMWI submitted a proposal to site (i.e., build) a new landfill called the Orchard Ridge RDF Eastern Expansion-Southern Unit (EESU), which includes the BRL footprint. As part of this expansion, the soil and waste in the BRL will be relocated to the two ORL active sites. The active landfills are modern, engineered and constructed with approved Plans of Operation. The two active landfills provide better long-term storage and monitoring for BRL soil and waste.

The DNR issued a favorable Feasibility Determination for the EESU in July 2021, meaning that WMWI can move forward with developing a Plan of Operation for the expansion. The Plan of Operation explains future EESU landfill construction, operation, monitoring and maintenance procedures, which require WDNR approval prior to construction. The proposed EESU will become part of the Eastern Expansion, and the BRL would be removed as it exists today.

POTENTIAL IMPACTS TO AREA RESIDENTS

The EESU is expected to be a multi-year project, potentially beginning in late 2022. Construction is planned for winter months to reduce potential emissions, odors or dust. WMWI will monitor and put in place measures to control air quality for odor and dust. Surface water and leachate will be controlled and collected to prevent off-site migration. Before construction occurs, WMWI will need to obtain required federal, state and local permits.

SUPERFUND PROCESS & NEXT STEPS

Currently, WMWI is coordinating with the DNR to obtain the necessary approvals for the EESU. Although limited short-term environmental impacts are possible, the **net long-term impact is beneficial because the waste from the BRL will be placed in an engineered, monitored and maintained landfill.** Air, surface water and groundwater monitoring will be done during and after construction to assess both short-term and long-term impacts.

Because the proposed waste exhumation improves the existing remedy, and is not a required remedy under Superfund, there is no requirement to amend the existing Record of Decision (ROD) at this time. The ROD will be amended after the EESU and the waste transfer from the BRL is complete. Following EESU construction, the DNR will review site data to evaluate if the BRL is eligible for case closure through Wisconsin Administrative (Wis. Admin.) Code chs. NR 700 – 799. The DNR will also consult with the EPA about delisting the site from the NPL.

*See next page for public
input opportunities*

PUBLIC PARTICIPATION OPPORTUNITIES

1

NPL FIVE-YEAR REVIEW

- The DNR began its five-year review process for the NPL site in November 2021. Five-year reviews assess whether the current remedy is functioning as intended, identify any updates to site conditions and determine whether the site remedy is protective. The current five-year review is scheduled to be completed in September 2022.
- Comments may be submitted through **August 30, 2022**, to BJ LeRoy at BJ.LeRoy@wisconsin.gov.
- Please include “NPL five-year review” in the subject line.

2

COMMUNITY ADVISORY GROUP

- The DNR seeks input regarding the potential formation of a Community Advisory Group (CAG) for the BRL NPL site. A CAG consists of an advisory panel comprised of community members and other stakeholders affected by an NPL site. A CAG facilitates the exchange of information about site activities to the community and other stakeholders. Although a CAG does not make decisions, its input may help inform site decisions made by the DNR and EPA.
- Comments regarding the potential formation of a CAG may be submitted through **August 30, 2022**, to BJ LeRoy at BJ.LeRoy@wisconsin.gov.
- Please include “BRL CAG Interest” in the subject line.

SITE INFORMATION

Site information, including publicly available documents, may be found on the Bureau of Remediation and Redevelopment Tracking System (BRRTS) on the Web (BOTW): <https://dnr.wisconsin.gov/topic/Brownfields/botw.html>.

- Search by the site name: “WMWI – Boundary Rd (Lauer 1)”
- or enter “02-68-529578” in the BRRTS No. field.

SITE CONTACTS

DNR BRL PROJECT MANAGER

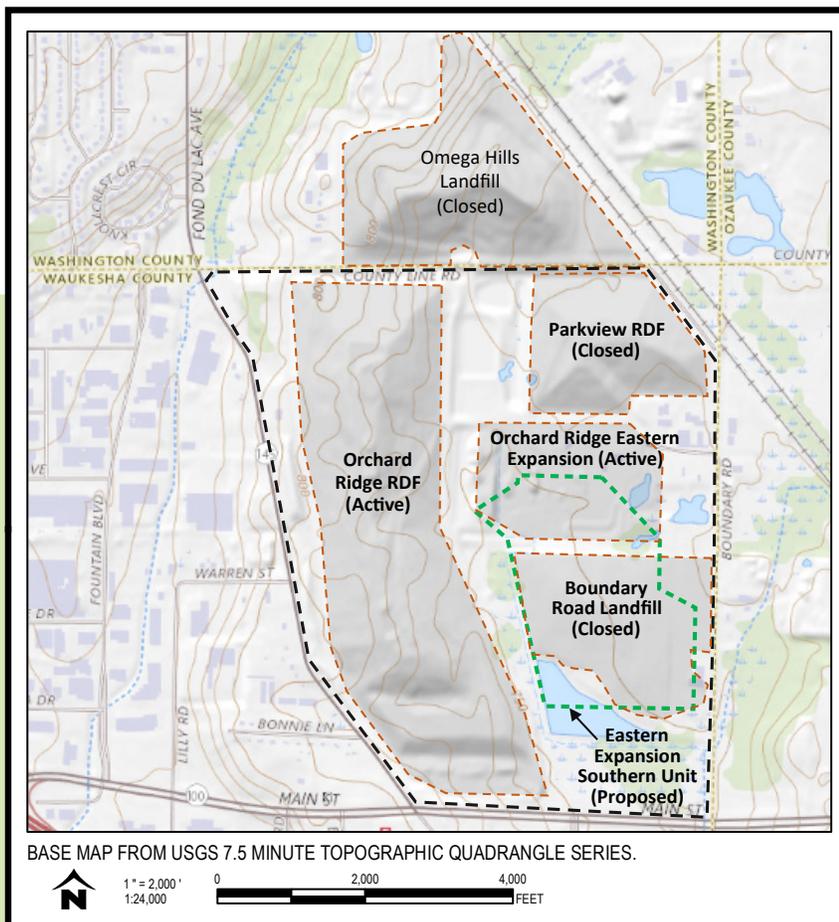
- BJ LeRoy
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LANDFILL MANAGER

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EPA SUPERFUND REMEDIAL PROJECT MANAGER

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1. Base map imagery developed from USGS 7.5 minute topographic quadrangle series.
2. Map projection and grid coordinates are NAD 1983 State Plan Wisconsin South (U.S. feet).

LEGEND

- Existing Landfill
- Proposed Landfill
- Property Boundary