

Bethlehem Landfill – Phase V Expansion

	<u>Current Landfill</u>	<u>Proposed Phase V Expansion</u>
Total Disposal Area (Constructed, Filled, Capped, and Vegetated in Phases)	±140.5 Acres ¹	117.4 Acres (max.)
Remaining Life	2.4 Years ²	20 – 30 Years
Typical Size of Daily Workface (covered daily, per PADEP regulation)	±0.25 Acres	No Change
Maximum Height	725' (above sea level)	No Change
Permitted Waste Volumes	1,375 Tons/Day Average 1,800 Tons/Day Maximum	No Change
Haul Route to Landfill	I-78 → 412 → Shimersville Rd. → Applebutter Rd.	No Change
Landfill Access	Applebutter Road	No Change
Hours/Days of Operation	7 a.m. – 4 p.m. Monday through Saturday	No Change
Leachate Discharge	Bethlehem POTW (City of Allentown backup)	No Change
Permitted Waste Types	<u>Municipal</u> (General Household Waste) <u>Construction/Demolition</u> <u>Residual</u> (Non-Hazardous Industrial)	No Change

Bethlehem Landfill is seeking to continue landfill operations by adding disposal capacity through a lateral expansion to the East and Northeast, known as the proposed Phase V Expansion. Landfills are a permitted Conditional Use under the Lower Saucon Township Zoning Ordinance on the properties proposed for the project, requiring Conditional Use Approval from Lower Saucon Township Council. A major modification to the landfill's PADEP Solid Waste Permit (Permit No. 100020), as well as land development approvals from Lower Saucon Township, will also be required.

¹ Including the Northern Realignment.

² Estimated as of February 2023; not including Northern Realignment (pending before PADEP, which would add approx. 3.2 years of capacity).