

Lee A. Norman, M.D., Secretary

Laura Kelly, Governor

**Date:** March 2, 2021

**To:** Owners and Operators of Solid Waste Landfills

**From:** Solid Waste Permits Section, Bureau of Waste Management

**Re:** **Update and Guidance for Estimating Costs for the July 1, 2021 – June 30, 2022 Permit Renewal Period**

If your permit has more than one landfill type, complete and submit the appropriate worksheet for each type. Do not combine cost estimates of different landfills into one cost estimate worksheet. The Bureau provides blank worksheets, and worksheets with representative unit costs. Worksheets and instructions can be found at [https://www.kdheks.gov/waste/forms\\_swclosurecosts.html](https://www.kdheks.gov/waste/forms_swclosurecosts.html). A map may be submitted with the worksheets to illustrate areas that will require final cover, areas with intermediate cover, and areas that have been certified closed by KDHE.

The amount of *closure* financial assurance shall be calculated as the cost to complete final closure of the largest area to lack final cover at any one time before the next annual permit renewal.

The amount of *postclosure* financial assurance shall be calculated as the cost to be incurred, for the largest area to have waste in place before the next annual permit renewal, for the 30 year postclosure period and any extension required by the secretary or any reduction/termination approved by the secretary.

### Unit Costs and Inflation Factor

Third-party costs are required to calculate financial assurance, and shall be determined from one or more of the following sources:

1. Representative costs supplied by the department
2. Actual invoices paid by the owner or operator for the same or similar work
3. Written bids from professional contractors having no other financial interest in the facility or its use
4. Authoritative costing tables issued by publishers recognized for their research into the costs of activities to be priced.

If you are not providing current unit costs, you must update costs by using an **inflation factor** of **1.2%** (this percentage represents the calculated inflation rate for the year ending **2020**).

### Post-Closure Care (PCC) Policy

For landfills that require environmental monitoring during post-closure care, the PCC cost estimate must be calculated using 30 years, then drop each year until 20 years. [BWM Policy 2014-PI](#) addresses this methodology used for calculating cost estimates. A rolling 20 will be required until a demonstration can be made that landfill conditions are moving toward equilibrium or stabilization. These requirements are stated in [BWM Policy 2014-P2](#) and in [Technical Guidance Document SW-2014-G1](#). Please contact BWM before developing a PCC Reduction or Termination Plan.

### Questions

- If you have questions related to the preparation of engineering cost estimates, contact your landfill permit manager – Nadine Alzubbi 785-296-6561; Charley Bowers 620-860-7242; Will Fraundorfer 785-291-3745; Joseph Hacker 785-291-3746; Kristofer Ho 785-296-2323; or Heather Merritt 785-296-5639.
- If you have questions regarding financial instruments or inflation, contact Mandy Patek 785-296-0680.