



Date: April 21, 2015 (*Revision made on May 11, 2015 Regarding Post-Closure Care of pre-Subtitle D Units*)

To: Owners and Operators of Solid Waste Landfills

From: Dennis Degner, Chief, SW Permits Section, Bureau of Waste Management

Re: Unit Costs Update and Guidance for Estimating Costs for the July 1, 2015 – June 30, 2016 Permit Renewal Period

If your permit has more than one landfill type, please complete and submit the appropriate worksheet for each type. Do not combine the cost estimates of different landfills into one cost estimate worksheet. The Bureau web site provides blank worksheets and worksheets with updated representative unit costs. The Excel spreadsheet forms and instructions are available on the BWM website at <www.kdheks.gov/waste>. Along with the worksheet/s, all 18 Subtitle D MSWLFs need to provide an updated area-capacity table and an updated site drawing that delineates and labels all areas that have been accepted by KDHE as being certified closed since the last permit renewal. The site drawing should delineate and label all the areas (in units of acres) that 1) have final cover, 2) are under intermediate cover, 3) are active areas that have CQA approval and 4) future areas that have not been constructed and authorized for disposal by KDHE. It is suggested that all other types of landfills do the same.

Quantity Estimates and New Post-Closure Care (PCC) Policy

- Provide a sound basis for quantity estimates and show your calculations for applicable items along with representative unit costs; you may need to present this on a separate sheet. If updated design drawings and/or partial landfill closure information are required to determine specific item quantities, a PE's cost estimating knowledge and experience may be needed to help you properly complete your estimate.
- For landfills that require environmental monitoring during post-closure care, a new policy was issued in May of 2014. This policy, 2014-P1, states that permitted landfills must continue to maintain 30 years of financial assurance (rolling 30) for each post-closure care activity until the Owner/Operator demonstrates to KDHE that the activity can be terminated in fewer than 30 years. *If an active Subtitle D landfill has a pre-Subtitle D unit in post-closure care status, the PCC costs for that unit may be reduced annually if groundwater constituent concentrations are below Maximum Contaminant Levels (MCLs) in the groundwater monitoring network that monitors that unit.*

Unit Costs and Inflation Factor

- If you choose not to use the KDHE unit cost estimates provided for the non-landfill specific items, you need to provide documentation/references/calculations to support a different unit cost; e.g., invoices, written bids, or standard engineering construction pricing tables.
- If you are not providing the source of your unit costs, you must update the costs by using an inflation factor of 1.5% (this percentage represents the calculated inflation rate for the year ended 2014). Please note that unit costs have been increased by 1.5% on the worksheets that shows non-specific landfill unit cost factors. The department's next representative unit costs review and data analysis will occur in March of 2019 for the permit renewal year of July 1, 2019 – June 30, 2020.

Costs for Professional Services, Administration and Contingency

- Because of multiple stakeholder comments on these percentage rates, a survey was conducted during 2015 of other states in our region. This process showed that the percentage rates for professional services and administration should decrease. Thus, all forms have been revised to reflect these lower rates.

Questions

- If you have questions related to the preparation of engineering cost estimates, please contact your respective landfill permit engineer/manager – Mike Selm, Sam Sunderraj, Charley Bowers, Dean Williams, Habib Ghali or Heather Weed. If you have questions regarding financial assurance matters, please contact Brian Busby.