



NEBRASKA DEPARTMENT OF ENVIRONMENTAL QUALITY

ENVIRONMENTAL GUIDANCE DOCUMENT

05-175c

August, 2005

COST ESTIMATE GUIDANCE DOCUMENT for MUNICIPAL SOLID WASTE LANDFILLS

Cost estimates should be broken down into activities and the costs based on those activities. This is an example of a "detailed cost estimate" consisting of a breakdown of activities into categories, tasks, and unit costs. Please use this as a guideline.

CLOSURE COST ESTIMATE

<ul style="list-style-type: none">1. Final Cover<ul style="list-style-type: none">A. Infiltration Layer<ul style="list-style-type: none">a. Labor (labor category, unit cost, hours)b. Materials (unit cost)c. Equipment (equipment category, unit cost, hours)d. GeotechnicalB. Vegetative Layer (Erosion Layer)<ul style="list-style-type: none">a. Labor (labor category, unit cost, hours)b. Materials (unit cost)c. Equipment (equipment category, unit cost, hours)C. Flexible Membrane Liner<ul style="list-style-type: none">a. Labor (labor category, unit cost, hours)b. Materials (unit cost)c. Equipment (equipment category, unit cost, hours)D. Filter Fabric (Geomembrane)<ul style="list-style-type: none">a. Labor (labor category, unit cost, hours)b. Materials (unit cost)c. Equipment (equipment category, unit cost, hours)E. Venting LayerF. Drainage LayerG. Final Grading	<ul style="list-style-type: none">2. Surface Water Control Structures<ul style="list-style-type: none">A. Labor (labor category, unit cost, hours)B. Materials (unit cost)C. Equipment (equipment category, unit cost, hours)3. Seeding, Mulching, Fertilizing<ul style="list-style-type: none">A. Labor (labor category, unit cost, hours)B. Materials (seed unit cost, fertilizer, mulch)C. Equipment (equipment category, unit cost, hours)4. Gas Venting System<ul style="list-style-type: none">A. Labor (labor category, unit cost, hours)B. Materials (unit cost)5. Project and Construction Management, (QA/QC)<ul style="list-style-type: none">A. Engineering labor (labor category, unit cost, hours)(5% to 15% of total cost)B. Legal and Administrative (labor category, unit cost, hours)(5% of total cost)C. Computer, graphic supplies, reproduction6. Other direct costs (1% of total cost)<ul style="list-style-type: none">A. MobilizationB. Per diemC. Lodging7. Overhead and Profit8. Contingencies (10%)
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