



NEBRASKA DEPARTMENT OF ENVIRONMENTAL QUALITY

ENVIRONMENTAL GUIDANCE DOCUMENT

05-175d

August, 2005

POST-CLOSURE COST ESTIMATE for MUNICIPAL SOLID WASTE LANDFILLS

<ol style="list-style-type: none">1. Groundwater Monitoring<ol style="list-style-type: none">A. Labor (labor category, unit cost, hours)B. AnalyticalC. Data AssessmentD. Equipment category, unit cost, hours)E. Well Replacement Costs (25 to 30 year life)2. Leachate Sampling and Analysis<ol style="list-style-type: none">A. Labor (labor category, unit cost, hours)B. Analytical3. Gas Monitoring<ol style="list-style-type: none">A. Labor, (labor category, unit costs, hours)B. AnalyticalC. Equipment (equipment category, unit costs, hours)D. Replacement and Repair costs (unit costs)4. Leachate System Management<ol style="list-style-type: none">A. Labor (labor category, unit costs, hours)B. Equipment (equipment category, unit costs, hours)C. Transportation (equipment category, unit costs, hours)D. Maintenance & Inspections (labor category, unit costs, hours)E. Disposal Cost (unit cost)F. Pump Replacement Costs (10 to 15 year pump life)5. Site Inspections<ol style="list-style-type: none">A. Labor (labor category, unit costs, hours)6. Final Cover Repair (Add 1 ft. of cover over 5% of area/year)<ol style="list-style-type: none">A. Labor (labor category, unit cost, hours)B. Materials (unit cost, transportation)C. Equipment (equipment, category, unit costs, hours)	<ol style="list-style-type: none">7. Seeding Repair (10% of landfill/year)<ol style="list-style-type: none">A. Labor (labor category, unit cost, hours)B. Materials (unit cost)C. Equipment (equipment category, unit cost, hours)8. Mowing<ol style="list-style-type: none">A. Labor (labor category, unit cost, hours)B. Equipment (equipment category, unit cost, hours)9. Rodent, Weed & Tree Control<ol style="list-style-type: none">A. Labor (labor category, unit cost, hours)B. Materials (unit cost)C. Equipment (equipment category, unit cost, hours)10. Maintenance Repair or Replacement of Fence and Gate<ol style="list-style-type: none">A. Labor (labor category, unit cost, hours)B. Materials (unit cost)11. Surface Water Control Structure Maintenance<ol style="list-style-type: none">A. Labor (labor category, unit cost, hours)B. Equipment (equipment category, unit cost, hours)12. Record keeping and Administration<ol style="list-style-type: none">A. Labor (labor category, unit cost, hours)B. Computer, graphic supplies, reproduction13. Other direct costs<ol style="list-style-type: none">A. MobilizationB. Per DiemC. Lodging14. Overhead and Profit15. Contingencies (10% of annual total)
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