

**ATTACHMENT P1. FINANCIAL ASSURANCE FOR POST-CLOSURE CARE**

**1 POST-CLOSURE COSTS**

Table P1-1 summarizes the post-closure cost estimate for the landfill. The costs include 30 years of monitoring and maintenance activities, as described in Permit Attachment P, Post-Closure Care. The original post-closure cost estimate included in the March 2002 Triassic Park Waste Disposal Facility permit was based on 2000 dollars. The post-closure cost estimate presented in this permit renewal application has been updated to account for inflation using the change in the Consumer Price Index (CPI) between 2000 and 2011 (U.S. Department of Labor CPI, 2011). Using the CPI, the 2011 costs are 32 percent higher than those from 2000. All 2000 costs were increased by 32 percent for purposes of this analysis. After the Facility is constructed and operations begin, the post-closure cost estimate will be updated annually as required in 40 CFR § 264.144(b).

**Table P1-1. Landfill Post-Closure Cost Estimate**

Item	Cost	
	Approved Permit (\$ in 2000)	Permit Renewal (\$ in 2011)
Facility Inspection	201,600	266,112
Routine Landfill Cover Maintenance and Repair	600,000	792,000
Severe Landfill Cover Erosion Damage Repair	300,000	396,000
Perimeter Diversion Ditch Maintenance and Repair	300,000	396,000
Leachate Pumping and Treatment	239,476	316,108
Leachate Collection System Maintenance	67,200	88,704
Well and Sump Vadose Zone Maintenance	67,200	88,704
Sump Vadose Zone Sampling and Analysis	240,000	316,800
Vadose Zone Monitoring Wells Sampling and Analysis	1,440,000	1,900,800
Notation of Property Deed	2,500	3,300
Certification of Post-Closure Inspection	3,000	3,960
Certification of Post-Closure Report	150,000	198,000

<b>Total Post-Closure Costs</b>	3,610,976	4,766,488
<b>Total Closure Cost + Post-Closure Costs</b>	11,530,295	15,219,989

## 2 FINANCIAL ASSURANCE FOR POST-CLOSURE CARE

Similar to the financial assurance requirements for closure activities, the Facility is required to provide assurances for the post-closure care of the Facility. Upon receipt of the final permit, and 60 days prior to the initial receipt of waste, the owner/operators shall provide the appropriate financial instrument to fulfill this requirement. Selection of the instrument to be used shall be based upon performance considerations. The financial instruments allowed by this subpart of the regulations are listed in Permit Attachment O2, Financial Assurance for Closure.