

## Attachment 4 – Closure and Post-Closure

## **2d. Closure Requirements**

**Closure Plan** - The filling of each pit will keep in mind the final closure of the site. Each pit will be filled above existing ground with a 3:1 maximum slope. Once each phase of the pit is filled to the design shape, the final cap consisting of 2 feet of a clayey material covers the site (See Appendix G, Sections Drawing, Closure Detail).

Closure activities will begin within 30 days of receiving final waste and should be complete within 180 days of the beginning of the closure activities (per phase). The only exception to this time period is that the seeding should be accomplished in the fall of the year.

The seeding will be a hydro-seeding method, allowing the seeds to be dormant through the winter months and germinate with the spring moisture. The seeding will be a native seed mix consisting of a mix from the following species: Fourwing saltbush, Wyoming big sagebrush, Alkali saccation, Blue grama, Bluebunch wheatgrass, Streambank wheatgrass, Smooth brome, Intermediate wheatgrass, Sandberg bluegrass, Sheep fescue, Flender wheatgrass, and Western wheatgrass. The seed type is from native plants that will grow in the on-site soil. It is not anticipated that top-soil will need to be imported to the site.

**Site Capacity** - The capacity of the Phase One site is 219,700 cubic yards which is estimated to be 88,000 tons. The expansion pit added an additional 960,000 cubic yards estimated at 384,000 tons. The current Phase Three-A Pit is 634,720 cubic yards which is estimated to be 254,000 tons. A map showing the overall boundaries of Phase three in its entirety along with other past and future phases is in Appendix G

**Final Inspection** - 60 days prior to receiving the final waste to each phase of the site, the Executive Secretary will be notified of the intent to implement the closure plan. Upon completion of the closure plan, the Department of Environmental Quality will be notified.

Within 90 days of completing a closure, facility plans representing as-built construction conditions will be submitted to the Executive Secretary, along with certification that the closure plan has been followed.

## **2e. Post Closure Care**

**Post Closure** - Post closure care shall require monthly inspections of the site to check for settlement and erosion. Should excessive settlement or erosion occur, new soil shall be placed to maintain the 2-foot cap on the landfill. As necessary, the new soil shall be seeded to prevent further erosion and to maintain the integrity of the final cap.

DCD will be responsible for Post Closure care. Contact information is as follows:

DCD  
581 W 1600 N suite E  
Orem, UT 84057  
(801) 221-9001

Changes to the record of title, land use, or zoning restrictions shall be reported to the Executive Secretary.

## **2f. Financial Assurance**

A bond is currently in place. Closure costs and post closure costs are estimated as follows: