

# Attachment 3 - Closure/Post-Closure

## Oasis Landfill Permit Renewal Application

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explosive gas at the landfill in 1998. A copy of the letter announcing the waiver is included in Appendix C.

### **2.3.7. Slope Stability Analysis for Seismic Events**

Slope stability has been addressed in previous permit applications. In general, the landfill area is very flat and stable. There has been no change in slope conditions since the prior renewal and it is anticipated that there will be no changes in slope or seismic issues in the future.

## **2.4. Closure Plan for All Facilities**

### **2.4.1. Closure Plan and Design of Final Cover**

6. See Section 1.2.16 for details on the closure plan and design.

### **2.4.2. Closure Schedule**

As explained in Section 2.3.3 of this application, the current landfill area is expected to reach capacity sometime around the year 2120. At that time, a final cover will be placed over the landfill and closure and post-closure care of the landfill will be enacted.

### **2.4.3. Capacity of Site in Volume and Tonnage**

The capacity of the landfill (120 acres) is 280,000 cubic yards and 70,000 tons of waste.

### **2.4.4. Final Inspection by Regulatory Agencies**

After closure of the existing and proposed landfill areas, the site will be inspected by the appropriate local, state, and federal regulatory agencies to finalize the closure.

## **2.5. Post-Closure Care Plan for All Facilities**

### **2.5.1. Post Closure Plan and Site Monitoring**

After closure of the landfill, the site will be inspected quarterly or after a major storm event by the base civil engineer to determine the integrity of the landfill cover system, fencing, run-on/run-off control system, and access roads for a period of 30 years or until the site is stabilized. These systems will be maintained and repaired as needed. No landfill gas (see Appendix C) or groundwater monitoring is required.

The UTTR site reportedly receives less than 10 inches of precipitation per year. Overall site catch basins were constructed in 1964. In the roughly 55 years since their construction, site personnel have never observed standing water within the basin. In the event that storm water run-on and run-off were observed from the landfill, these waters would be collected, sampled, and disposed of based on the following results of sample analysis:

- Contaminated water - will be treated using the existing reverse osmosis water treatment system, after which the water could be either consumed or released
- Uncontaminated water - will be released

Run-on/run-off controls will be constructed around the perimeter of the landfill. Final covers will be placed to minimize ponding and erosion.

### **2.5.2. Changes to record of title, land use, and zoning restrictions**

This section is not applicable since the USAF will continue owning the land after final closure.

### **2.5.3. Maintenance Activities to Maintain Cover and Run-on/Run-off Control Systems**

See section 1.2.16 for detailed description of the process to maintain cover and run-on/run-off control systems

### **2.5.4. Contact Information of Responsible Persons for Post-Closure Care**

75 CEG/CEIE Environmental Branch Chief  
5713 Lahm Lane, Bldg 593N  
Hill AFB, UT 84056  
801-777-1550

### **2.6. Financial Assurances**

Per R315-309-1(2), financial assurance is not required by facilities owned or operated by the Federal government.