

# Attachment 2 - Inspections and Monitoring

## Oasis Landfill Permit Renewal Application

trenches are backfilled to surface level, which provides a minimum of two feet of cover for the wastes.

2. 2. A bulldozer is used on the working face to compact class II materials and push soil used for the daily cover.

Vehicles within the landfill area are directed to use the same road and are directed to dump their loads in the same location. This minimizes generation of fugitive dust at the working face of the landfill. Five vehicles are available for excavation and compaction: a backhoe or excavator, front-end loader, scraper, water truck, and bulldozer.

### 1.2.3. Form Used to Record Weights or Volumes

Class II Landfill Operating Log UTTR Site								
Description of Waste	Acceptable in Class II Landfill (Y or N)	Delivery Covered (Y or N)	Weight or Volume	Number of Vehicles	Date Delivered	Delivered By	Waste Accepted by: (Print Name)	Initials

### 1.2.4. Schedule for Inspections and Monitoring

The Oasis Landfill is inspected quarterly by UTTR Civil Engineering. The inspections are designed to observe, note, and correct any operations that are in violation of the Utah Solid Waste Laws R315-302 and R315-310.

Quarterly Inspection Form Class II Landfill UTTR Site				
Date & Time of Inspection	Printed Name	Signature	Observations <sup>a</sup>	Date and Description of Repairs or Corrective Action

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a. Observations include noting all activities that are not in compliance with applicable Utah Solid Waste Rules R315-302 and R315-310				

### 1.2.5. Fire Contingency Plan

The UTTR-North fire protection unit is based in the Oasis compound, only half a mile from the disposal area. The equipment and manpower of this unit are available for any emergency fire situation.

### 1.2.6. Corrective Action in the Event of Groundwater Contamination

The Oasis Landfill is located in an area where groundwater contamination from the landfill contents is unlikely. UAC Rule 315-302-1(e)(vi) allows exemptions to groundwater rules where there is an extreme depth to groundwater or where there is a natural impermeable barrier above groundwater. The monitoring wells outside the current landfill area show a typical depth to groundwater of at least 170 feet (USGS, 2003) and the landfill has been exempted from requirements regarding groundwater monitoring, landfill lining, or treatment of run-off water in previously issued permits. There have been no changes to the groundwater situation since the last renewal and it is anticipated the exemption will still apply.

### 1.2.7. Contingency Plan for Other Releases

The Oasis Landfill is currently exempt from landfill gas monitoring. Therefore, regulatory requirements for contingency plans for the release of explosive gases do not apply. The landfill operator will monitor run-on/run-off control systems within a week following a storm event. In the event of a run-on/run-off control system failure, the operator will notify UTTR Civil Engineering and take corrective action to remedy the failure. Run-on and run-off control systems at the Oasis Landfill consist of diversion ditches and berms. The earth-moving equipment at the landfill can be used to repair failures in the control system. The run-on/run-off control systems will be checked quarterly as part of regular inspections. Any failure and subsequent corrective actions related to the run-on/run-off systems will be noted in the annual report submitted in March.

### 1.2.8. Fugitive Dust Control Plan

Vehicles within the landfill area are directed to use the same road and are directed to dump their loads in the same location. A water truck is also available on-site if dust generation requires abatement.

### 1.2.9. Litter Control and Collection

UTTR Civil Engineering personnel will practice proper landfill maintenance by spreading daily cover to limit wind-blown litter. Any debris scattered to where it shouldn't be will be collected and properly disposed of and secured.