

MODULE II - GENERAL FACILITY STANDARDS

II.A. POST-CLOSURE MAINTENANCE AND MONITORING

II.A.1. The Permittee shall inspect and monitor the closed LTTAs throughout the post-closure care period, in a manner that will ensure detection of a release of hazardous waste, hazardous waste constituents, leachate, contaminated runoff or hazardous waste decomposition products to the soil, groundwater, or surface water from the closed facility. The Permittee shall maintain all treatment, containment and monitoring equipment through the post-closure care period in a manner that will ensure detection of a release from the closed facility and minimize the possibility of fire, explosion, or any sudden or non-sudden release of hazardous waste constituents to air, soil, surface water, or groundwater which could threaten human health or the environment.

II.B. SECURITY

II.B.1. The Permittee shall comply with the following security conditions:

II.B.1.a. A fence with locked gates surrounding the closed LTTAs on all sides, which prevents unauthorized entry, shall be maintained throughout the post-closure care period; and

II.B.1.b. Signs which read "DANGER, UNAUTHORIZED PERSONNEL KEEP OUT" shall be posted at the entrance gates to the LTTA and every 100 feet along the fence surrounding the LTTA and shall be maintained throughout the post-closure care period. The signs must be legible from a distance of at least 25 feet in compliance with R315-264-14(c).

II.B.1.c. Signs which read "HAZARDOUS WASTE MANAGEMENT UNIT – RESTRICTIONS ON LAND USE APPLY" shall be posted at entrances and every 100 feet around the designated area of HWMUs M-508 and M-636.

II.B.2. All security equipment shall be inspected throughout the post-closure care period in accordance with the Inspection Schedules and Procedures, Attachment 2. The Permittee shall incorporate those security items (i.e. fence, signs of vandalism, etc.) to be inspected and the frequency of inspection on the inspection checklist.

II.B.3. Damaged security equipment shall be noted in the inspection checklist and repairs shall begin within twenty-four (24) hours. Repairs shall be completed as soon as practicable, but not later than seventy-two (72) hours after the problem is discovered, in compliance with R315-264-15(c).

II.B.4. The Permittee shall comply with all other security procedures as specified in Attachment 1.

II.C. PERSONNEL TRAINING

II.C.1. The Permittee shall conduct personnel training as required by R315-264-16.

II.C.2. The Permittee shall maintain training documents and records as required by R315-264-16(d) and (e), and shall record the type and amount of training received by each employee involved in hazardous waste management.

II.C.3. New personnel shall complete the required personnel training within six months of their hire date. Training records shall indicate the type and amount of training received.

II.D. GENERAL INSPECTION REQUIREMENTS

II.D.1. The Permittee shall follow the inspection schedules as specified in Attachment 2.

II.D.2. Repairs or maintenance for any deterioration or malfunction discovered by an inspection shall be initiated by the Permittee within seventy-two (72) hours except for damaged security equipment. As stated in Permit Condition II.B.3., repairs to damaged security equipment shall begin within twenty-four (24) hours. Repairs to security equipment shall be completed as soon as practicable, but not later than seventy-two (72) hours after the problem is discovered.

II.D.3. Any problem which could endanger human health or the environment shall be corrected as soon as possible. Corrective action shall start no later than the next working day from the time the problem is discovered.

II.D.4. The Permittee shall inspect the closed portions of the facility within twenty-four (24) hours after a storm event. A storm event shall be defined as precipitation in excess of 1.00 inch in a one hour period as measured by the equipment required in II.D.4.a. It shall be documented in the inspection log that the inspection was conducted in response to a storm event.

II.D.4.a. The Permittee shall install, on its premises, equipment appropriate to measure and record precipitation in order to determine the occurrence of storm events.

II.D.5. The Permittee shall inspect on an annual basis all monitoring wells, extraction wells, and injection wells that are part of the groundwater monitoring system as specified below and in Section II.E., Attachment 2:

II.D.5.a. Inspect for damage to the above ground casing;

- II.D.5.b. Inspect for damage to cement apron and assure that the annulus is properly sealed;
- II.D.5.c. If permanent, dedicated, pumps are used, verify proper operation;
- II.D.5.d. Check for visible damage and tampering to locks and monitoring well caps; and
- II.D.5.e. Insure that the wells are accessible and visible.
- II.D.6. Records of inspections shall be kept at the Promontory facility, Box Elder County, Utah as indicated by condition I.G.16., throughout the post-closure care period. The Groundwater Monitoring System Annual Inspection Checklist (as shown in Attachment 2) shall be submitted with the Annual Groundwater Monitoring Report (See Condition IV.E.2.)

II.E. CONTINGENCY PLAN

- II.E.1. **Content of Plan.** The Permittee shall maintain a Contingency Plan, Attachment 4 of this permit, for the duration of the permit, which meets the requirements of R315-264-52.
- II.E.2. **Implementation of Plan.** When dictated by the Contingency Plan, Attachment 4, of the Hazardous Waste Storage Permit, the Permittee shall immediately carry out the provisions of the plan, and follow the emergency procedures described by R315-264-56. Whenever there is a fire, explosion, or release of a reportable quantity of hazardous waste or hazardous waste constituents, the Permittee shall comply with R315-263-30 in reporting releases to the Director.
- II.E.3. **Copies of Plan.** The Permittee shall comply with the requirements of R315-264-53.
- II.E.4. **Amendments to Plan.** The Permittee shall review and immediately amend, if necessary, the Contingency Plan, Attachment 4, as required by R315-264-54.

II.F. RECORD KEEPING AND REPORTING

- II.F.1. The Permittee shall submit reports as required to the Director documenting post-closure monitoring activities and results from analyses of samples collected in compliance with closure and post-closure monitoring requirements. Copies of all Permit-related records shall be maintained, as specified in Condition I.G.16.

II.G. FINANCIAL ASSURANCE FOR POST-CLOSURE CARE

II.G.1. The Permittee shall demonstrate continuous compliance with the financial assurance requirements by providing a third party financial assurance certification of at least the amount of the post-closure cost estimate established in Condition III.D. The Permittee may substitute other instruments of financial assurance provided the method, funding and wording requirements of R315-264-143 are followed and approved in writing by the Director.

II.G.2. The financial assurance document shall be updated, including adjusting the post-closure cost estimate for inflation, within sixty (60) days of the anniversary date of the establishment of the financial assurance instrument or within sixty (60) days of the Director’s approval of a revised post-closure cost estimate in accordance with R315-264-143. Changes in financial assurance mechanisms must be approved in writing by the Director at least sixty (60) days prior to such a change.

II.H. LIABILITY REQUIREMENTS

II.H.1. The Permittee shall demonstrate continuous compliance with the requirements of R315-264-147(b) to have and maintain liability coverage for non-sudden accidental occurrences.

II.H.2. Changes in liability coverage mechanisms shall be approved in writing by the Director at least sixty (60) days prior to such a change.

II.I. INCAPACITY OF PERMITTEE, GUARANTORS OR FINANCIAL INSTITUTIONS

II.I.1. The Permittee shall comply with the notification and financial requirements of R315-264-148.