

## **II. MODULE II - GENERAL FACILITY STANDARDS**

### **II.A. POST-CLOSURE MAINTENANCE AND MONITORING**

II.A.1. The Permittees shall monitor the Waste Disposal Cell throughout the post-closure care period, which commences on the effective date of this permit, 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 Permittees shall maintain all treatment, containment and monitoring equipment throughout the post-closure care period in a manner that will ensure detection of a release from the closed facility and minimize the possibility of a fire, explosion, or any sudden or non-sudden release of hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.

### **II.B. SECURITY**

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

II.B.1.a. A fence with locking gates surrounding the closed Waste Disposal Cell on all sides, which prevents unauthorized entry, shall be maintained throughout the post-closure care period.

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

II.B.1.c. All security equipment shall be routinely inspected throughout the post-closure care period. The Permittees shall incorporate those security items (i.e. fence, signs of vandalism, etc.) to be inspected and the frequency of inspection on the inspection checklist which is required to be submitted by Condition II.D.1.

II.B.1.d. Damaged security equipment shall be noted in the inspection checklist and repairs shall begin within one (1) month. Repairs shall be completed as soon as practicable, but not later than two (2) months after the problem is discovered.

II.B.2. The Permittees shall comply with all other security procedures as specified in Attachment 1.

### **II.C. PERSONNEL TRAINING**

II.C.1. The Permittees shall conduct personnel training as required by Utah Admin. Code R315-264-16. Training shall be conducted in accordance with the program outlined by Attachment 4.

- II.C.2. The Permittees shall maintain training documents and records as required by Utah Admin. Code 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 working with the post-closure care and/or groundwater treatment and/or containment units shall complete the required personnel training within six (6) months of their hire date. These records shall indicate the type and amount of training received.

**II.D. GENERAL INSPECTION REQUIREMENTS**

- II.D.1. The Permittees shall follow the inspection schedules as specified in Attachment 2.
- II.D.2. Upon discovering any deterioration or malfunction that may result in a threat to human health or the environment, the Permittees shall remedy said threat as required by Utah Admin. Code R315-264-15(c) within one (1) month. If the remedy requires more time, the Permittees shall submit to the Director, before the expiration of the one (1) month period, a proposed time schedule for correcting the problem. Where a hazard is imminent or has already occurred, remedial action shall be taken immediately.
- II.D.3. Records of inspections shall be submitted to the Director and kept at the Division of Waste Management and Radiation Control offices, on the 2nd floor of the Multi-Agency State Office Building, 195 North 1950 West, Salt Lake City, Utah.
- II.D.4. Any problem which could endanger human health or the environment (tank rupture, dike failure, transportation spills, etc.) shall be corrected as soon as possible, but no later than the next working day from the time the problem is discovered.
- II.D.5. The Permittees shall inspect on a semi-annually basis all monitoring wells, extraction wells, and injection wells that are part of the groundwater monitoring system as specified below:
  - 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 to all appropriate personnel.

**II.E. CONTINGENCY PLAN**

- II.E.1. Implementation of Plan. When dictated by the Contingency Plan, the Permittees shall immediately carry out the provisions of Attachment 3, and follow the emergency procedures described by Utah Admin. Code R315-264-56. The Permittees shall comply with Utah Admin. Code R315-9 in reporting releases to the Director.
- II.E.2. Copies of Plan. The Permittees shall comply with the requirements of Utah Admin. Code R315-264-53.
- II.E.3. Amendments to Plan. The Permittees shall review and immediately amend, if necessary, the contingency plan, as required by Utah Admin. Code R315-264-54.

**II.F. RECORDKEEPING AND REPORTING**

- II.F.1. The Permittees 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 appropriate records will be maintained at the Division of Waste Management and Radiation Control offices, on the 2nd floor of the Multi-Agency State Office Building, 195 North 1950 West, Salt Lake City, Utah.

**II.G. FINANCIAL ASSURANCE FOR POST-CLOSURE CARE**

- II.G.1. The Permittees shall maintain continuous compliance with Utah Admin. Code R315-264-114 through 151.

**II.H. COST ESTIMATES FOR THE FACILITY POST-CLOSURE CARE**

- II.H.1. The Permittees' post-closure cost estimate shall be prepared in accordance with Utah Admin. Code R315-264-144.
- II.H.2. Within ninety (90) days after the end of each Pennzoil – Quaker State Company fiscal year, the Permittees shall adjust the post closure cost estimate for the WDC for inflation or submit a revised cost estimate and submit a copy of that adjusted post closure cost estimate to the Director. For each new hazardous waste management unit placed into operation, an updated closure/post closure cost estimate to the facility shall be prepared which includes the new unit, sixty (60) days prior to waste being placed on or into the new unit.
- II.H.3. The Permittees shall revise the post-closure cost estimate whenever there is a change in the facility's approved closure plan as required by Utah Admin. Code R315-264-140 through 151.
- II.H.4. When the post-closure permit is reissued, the cost of post-closure care will be extended for the duration of the permit, so that at all times the Permittees shall maintain sufficient funds to conduct 10 years of post-closure care.

**II.I. LIABILITY REQUIREMENTS**

II.I.1. The Permittees shall maintain continuous compliance with Utah Admin. Code R315-264 140 through 151, including documentation requirements, liability coverage for sudden accidental occurrences in the amount of at least one million dollars per occurrence with an annual aggregate of at least two million dollars, exclusive of legal defense costs, for the post-closure period.

II.I.2. The Permittees shall maintain continuous coverage for non-sudden accidental occurrences in the amount of at least three million dollars per occurrence with an annual aggregate of at least six million dollars, exclusive of legal costs, for the post-closure period.

**II.J. INCAPACITY OF PERMITTEE, GUARANTORS, OR FINANCIAL INSTITUTIONS**

II.J.1. The Permittees shall comply with all the provisions of Utah Admin. Code R315-264 140 through 151 whenever appropriate.