

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

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

II.A.1. The Permittee shall inspect and monitor the RWMA and the LWMA, 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 either of the following: 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 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 Permittee shall comply with the following security conditions:

II.B.1.a. At a minimum, a ¼-inch galvanized steel cable with a polyethylene sheath or chain extended between treated wood posts (at twelve (12) foot centers) shall be erected around the entire perimeter of the RWMA. This fence will serve as a deterrent to unauthorized entry and maintained throughout the post-closure period.

II.B.1.b. Signs which read: WARNING CAMU CLOSURE CELL NO UNAUTHORIZED PERSONS ALLOWED will be positioned on one hundred (100) foot intervals on the steel cable, supported by posts surrounding the RWMA or affixed to the chain link fence around the LWMA. They shall be maintained throughout the post-closure care period. The signs shall be legible from a distance of at least twenty five (25) feet in compliance with R315-264-14(c) of the Utah Admin. Code. The signs shall be inspected throughout the post-closure care period during the annual RWMA and LWMA inspections. The Permittee shall utilize the annual inspection checklist for fence items (i.e. cable/chain postings, signs of vandalism, etc.) that are inspected as required and specified by

Condition II.D.1. The RWMA and LWMA annual checklists are provided in Attachment 1.

II.B.2. The Permittee shall comply with all other security procedures as specified in the appropriate annex of the Chevron Products Company, Salt Lake Refinery, Integrated Contingency Plan (See II.C below).

**II.C. PERSONNEL TRAINING**

II.C.1. The Permittee maintains a detailed Emergency Action Plans and Procedures Manual as part of the Integrated Contingency Plan (ICP). The ICP is a comprehensive emergency procedures document that covers responses to any emergency that may occur at the Facility. The training, for both current and new employees relating to the RWMA and the LWMA and the training records portion provided as Annex 5 of the ICP shall be acceptable in fulfilling the training requirements of this section. The training and training recording procedures in the ICP exceed the conditions required in R315-264-16 of the Utah Admin. Code. Reference is made here to the ICP as it is a large multi-volume document and is therefore, not provided as an appendix to this Permit. Training records are maintained at the facility.

**II.D. GENERAL INSPECTION REQUIREMENTS**

II.D.1. The Permittee shall perform an annual inspection of the RWMA and the LWMA. The annual inspections will occur between April 1 and June 30 of each year. Reports shall be submitted as an appendix to the annual post-closure groundwater sampling report that is prepared pursuant to Module IV using the inspection forms provided in Attachment 1.

II.D.2. Upon discovering any deterioration or malfunction of the RWMA or the LWMA that may result in a threat to human health or the environment, the Permittee shall remedy said threat as required by R315-264-15(c) of the Utah Admin. Code within seventy-two (72) hours. If the remedy requires more time, the Permittee shall submit to the Director, before the expiration of the seventy-two (72) hour period, a proposed time schedule for correcting the problem.

II.D.3. Records of inspections shall be kept at the Facility as required by R315-264-15(d) of the Utah Admin. Code.

- II.D.4. The Permittee shall inspect the RWMA and LWMA within twenty-four (24) hours after a major storm event, and document such in the separate inspection log identified as “Post Storm Event Inspection Log (Attachment 2). For the purposes of these inspections, a storm event shall be defined by NOAA standards for this location as precipitation in excess of 2 inches per twenty-four (24) hours or a sustained wind speed in excess of eighty (80) miles per hour. For the purpose of this section, a “sustained wind speed in excess of 80 miles per hour” is defined by NOAA as a wind speed exceeding 80 mph determined by averaging all observed values over a two-minute period.
- II.D.5. The Permittee shall use the National Weather Service, located at the Salt Lake International Airport, as the weather station of record nearest to the facility.
- II.D.6. During the annual groundwater sampling event, the Permittee shall inspect all permit-listed monitoring wells identified in the QAPP, that are part of the facility-wide groundwater monitor system as specified below:
- II.D.6.a. Inspect for damage to the above ground and flush mounted protective casing;
- II.D.6.b. Inspect for damage to concrete apron and assure that the annulus is properly sealed;
- II.D.6.c. If permanent, dedicated pumps are used, verify proper operation;
- II.D.6.d. Check for visible damage and tampering to locks and monitoring well caps and;
- II.D.6.e. Insure that the wells are labeled, accessible and visible to all appropriate personnel.
- II.D.7. Upon discovering any deterioration or malfunction of any permit-listed monitoring well that may result in a threat to human health or the environment or jeopardize its integrity, the Permittee shall notify the Director within seventy-two (72) hours. If the remedy requires more time, the Permittee shall submit to the Director, before the expiration of the seventy-two (72) hour period, a proposed time schedule for correcting the

problem.

## **II.E. CONTINGENCY AND SPILL MITIGATION PLAN**

II.E.1. Content of Plan. The Permittee shall follow the Integrated Contingency Plan (ICP). The ICP is a comprehensive emergency procedures document that covers planning and response to any emergency that may occur at the Facility. Included in the ICP are the Spill Prevention Control and Countermeasures Plan and the Facility Response Plan that are required by 40 CFR 112 for the release of oil. Reference is made to the ICP for details on the Facility contingency and spill mitigation plan.

II.E.2. Implementation of Plan. As specified in the ICP, the Permittee shall immediately carry out the provisions which follow the emergency procedures described by R315-264-56 of the Utah Admin. Code. The Permittee shall also comply with R315-263-33 of the Utah Admin. Code in reporting releases to the Director.

II.E.3. Copies of Plan. The Permittee shall comply with the requirements of R315-264-53 of the Utah Admin. Code. All necessary Federal, State and Local agencies, including the Utah Division of Environmental and Response and Remediation have copies of the portions of the ICP relevant to their involvement during an incident.

II.E.4. Amendments to Plan. The Permittee shall review and immediately amend, if necessary, the ICP, as required by R315-264-54 of the Utah Admin. Code.

## **II.F. RECORD KEEPING AND REPORTING**

II.F.1. The Permittee shall submit reports as required in Module IV to the Director documenting annual post-closure groundwater monitoring activities and results from analyses of samples collected during such monitoring. Copies of all appropriate records will be maintained at the Facility.

## **II.G. FINANCIAL ASSURANCE FOR CLOSURE/POST-CLOSURE**

II.G.1. The Permittee shall maintain continuous compliance with R315-264-140 through 151 of Utah Admin. Code.

**II.H. LIABILITY REQUIREMENTS**

II.H.1. The Permittee shall demonstrate continuous compliance with the requirements of R315-264-140 through 151 of the Utah Admin. Code, including the requirements to have and maintain hazardous waste liability coverage for sudden accidental occurrences in the amount of at least \$1 million U.S. dollars per occurrence with an annual aggregate of at least \$2 million U.S. dollars, exclusive of legal defense costs. Changes in liability coverage mechanisms shall be approved by the Director pursuant to R315-264-140 through 151 of the Utah Admin. Code, at least sixty (60) days prior to such a change.

II.H.2. The Permittee shall demonstrate continuous compliance with the requirements of R315-264.147(b) of Utah Admin. Code to have and maintain liability coverage for non-sudden accidental occurrences in the amount of at least \$3 million per occurrence, with an annual aggregate of at least \$6 million, exclusive of legal defense costs.

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

II.I.1. The Permittee shall comply with all the provisions of R315-264-140 through 151 of the Utah Admin. Code (as incorporated in 40 CFR 264.148).