

## **MODULE II—GENERAL HWSF CONDITIONS**

### **II.A. APPLICABILITY**

- II.A.1. The requirements of this permit module pertain to all hazardous waste management units identified within Module III.
- II.A.2. The Permittee is allowed to accept hazardous wastes for storage at Building 898 and Building 888. See Attachment 1 for the HWSF description.

### **II.B. DESIGN AND OPERATION OF HWSF**

- II.B.1. The Permittee shall maintain and operate the container management areas to minimize the possibility of a fire, explosion, or any sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, groundwater, or surface water which could threaten human health or the environment. Should any of these incidents occur, the Permittee shall investigate and determine the cause of the incident and implement corrective measures to prevent future occurrences. The Executive Secretary may consider appropriate enforcement action, including the cessation of waste management activities, until adequate resolution of the problem occurs.

### **II.C. OFF-SITE WASTE RECEIPT NOTICE**

- II.C.1. When the Permittee is to receive hazardous waste from an off-site source (except where the Permittee is also the generator as defined in Attachment 2, Section 2.1), it shall inform the generator in writing that it has the appropriate permits for, and will accept, the waste the generator is shipping. This information shall be sent to the off-site generator prior to the waste being shipped by the generator. The Permittee shall keep a copy of this written notice as part of the operating record as required by Condition II.M.1.

### **II.D. PERMITTED AND PROHIBITED WASTE**

- II.D.1. The Permittee may accept for management at the HWSF, subject to the conditions of this permit, hazardous wastes identified by the waste codes that are listed in Attachment 2.
- II.D.2. The Permittee may also accept for management at the HWSF, subject to the conditions of this permit, used oil, PCBs, and other non-hazardous industrial wastes.
- II.D.3. The Permittee shall not accept for management at the HWSF at any time, regardless of the waste codes identified in Condition II.D.1.:
  - II.D.3.1. Water reactive wastes or materials, defined as DOT Division 4.3, and in R315-2-9(f)(1)(ii)-(iv);
  - II.D.3.2. Pyrophoric wastes or materials, defined as DOT Division 4.2(1);

- II.D.3.4. Explosive wastes or materials, defined as DOT Forbidden, DOT Division 1.1, 1.2, and 1.3 explosives, DOT Division 4.1 Type A and Type B materials, and in R315-2-9(f)(1)(vi)-(viii);
- II.D.3.5. Shock sensitive wastes or materials;
- II.D.3.6. Radioactive wastes or materials;
- II.D.3.7. Wastes or materials exhibiting the property identified in R315-2-9(f)(1);
- II.D.3.8. Wastes or materials meeting the definition of infectious as outlined in Utah Code Annotated 19-6-102(12);
- II.D.3.9. Compressed gas cylinders, unless they meet the criteria in R315-2-7(b)(2).

**II.E. WASTE ANALYSIS PLAN**

- II.E.1. The Permittee shall follow the procedures of the Waste Analysis Plan included as Attachment 2 of this permit.
- II.E.2. For offsite-generated waste (except for Little Mountain, UTTR, or Hill AFB OU remediation waste) the Permittee shall also comply with the following condition:
  - II.E.2.a. All analysis sheets and associated correspondence (laboratory assessment reports prior to shipment) must be referenced to each profile sheet and the uniform hazardous waste manifest upon which that shipment of waste arrived at the HWSF. Acceptance testing of shipments shall be recorded in the operating record and compared to tolerance ranges prescribed in Attachment 2. Tolerance exceedences must be explained in the operating record only if the waste in question is accepted for storage.
- II.E.3. The Permittee shall only use analytical-test methods in accordance with Test Methods for Evaluating Solid Waste: Physical/Chemical Methods, EPA Publication SW-846, current edition, or equivalent methods approved by the Executive Secretary pursuant to R315-2-15.
- II.E.4. The Permittee shall only accept and use valid analytical results from a Utah Department of Health certified laboratory (Utah Certified Laboratory) or from a non-Utah certified laboratory with approval from the Executive Secretary.
- II.E.5. The Permittee shall verify the chemical analysis of each hazardous waste stream at least every three years and when new or modified hazardous wastes are known or suspected to exist.
- II.E.6. The Permittee shall evaluate each waste stream annually on or before March 1 for the preceding calendar year and shall submit to the Executive Secretary by March 1, a report certifying that the known waste streams have or have not changed. This report shall include the most recent date of the waste stream analytical information and shall include a description of any changes in the

process by which the waste is generated since the date of the last analytical information.

II.E.7. The Permittee shall provide validated analytical laboratory data for use in support of permit requirements.

II.E.8. The Permittee shall reject data from any trip, decontamination, or laboratory blank exceeding three (3) times the method detection limit.

II.E.9. If non-dedicated sampling equipment is used, the Permittee shall collect decontamination blanks.

## **II.F. SECURITY**

II.F.1. The Permittee shall comply with security conditions and procedures specified in Attachment 3 of this permit.

## **II.G. GENERAL INSPECTION REQUIREMENTS**

II.G.1. The Permittee shall comply with the inspection schedule specified in Attachment 4 of this permit. In addition, the Permittee shall comply with the following conditions:

II.G.1.a. The Permittee shall make any repairs, or take other remedial action, on a time schedule which ensures that any deterioration or malfunction discovered does not lead to an environmental or human health hazard. Where a hazard is imminent or has already occurred, remedial action shall be taken immediately. If the remedy requires more than seventy-two (72) hours from the time that the problem is detected, the Permittee shall submit to the Executive Secretary, before the expiration of the seventy-two (72) hour period, a proposed time schedule for correcting the problem.

II.G.1.b. Any problem which could endanger human health or the environment shall be documented in the operating record and corrected as soon as possible after the problem is discovered. The Permittee shall make every effort to eliminate the threat to human health or the environment within twenty-four (24) hours.

II.G.1.c. The Permittee shall follow the notification requirements as found in Condition I.U.

## **II.H. PERSONNEL TRAINING**

II.H.1. The Permittee shall conduct personnel training as specified in Attachment 5 of this permit. Within six months of assignment to the HWSF, or a new position at the HWSF, personnel managing hazardous waste shall complete the required personnel training HWSF. In addition, the Permittee shall comply with the following conditions:

II.H.1.a. The Permittee shall provide training in the use of the Contingency Plan on an annual basis for all on-site employees.

II.H.1.b. The Permittee shall maintain training documents and records as required by R315-8-2.7(d) and R315-8-2.7(e), in accordance with Attachment 5.

**II.I. GENERAL REQUIREMENTS FOR IGNITABLE, REACTIVE, OR INCOMPATIBLE WASTE**

II.I.1. The Permittee shall comply with the requirements of R315-8-2.8 and the requirements of all applicable National Fire Protection Association (NFPA) codes.

**II.J. PREPAREDNESS AND PREVENTION**

II.J.1. At a minimum, the Permittee shall equip and maintain in good operating condition at the HWSF the equipment identified in Attachment 6, and as required by R315-8-3.3.

II.J.2. The Permittee shall test and maintain the equipment identified in Attachment 6 of this permit as required by R315-8-3.4 and the NFPA to assure its proper operation in time of emergency.

II.J.3. The Permittee shall maintain records of these preventative maintenance and repair activities specified in Condition II.J.1. and shall keep schedules, reflecting minimum and planned frequency for the performance of preventative maintenance at the HWSF.

II.J.4. The Permittee shall maintain access to the communications or alarm system as required by R315-8-3.5, and as identified in Attachment 6 of this permit.

II.J.5. At a minimum, the Permittee shall maintain aisle space as required by R315-8-3.6.

II.J.6. The Permittee shall attempt to make arrangements (Coordination Agreements) with State and local authorities as required by R315-8-3.7. Copies of the Coordination Agreements shall be included in the Operating Record.

**II.K. CONTINGENCY PLAN**

II.K.1. The Permittee shall immediately carry out the provisions of Attachment 7, and follow the emergency procedures described by R315-8-4.7. whenever there is a fire, explosion, or release of hazardous waste or hazardous waste constituents which threatens or could threaten human health or the environment. The Permittee shall comply with Condition I.U. and R315-9 in reporting releases to the Executive Secretary.

II.K.2. The Permittee shall comply with the requirements of R315-8-4.4.

II.K.3. A trained emergency coordinator shall be available at all times in case of an emergency, as required by R315-8-4.6. The position title and duty telephone numbers of all persons qualified to act as emergency coordinators shall be maintained in the Attachment 7 of this Permit.

II.K.4. The Permittee shall review and immediately amend, if necessary, the Contingency Plan, as required by R315-8-4.5 and as specified by R315-4-1.5.

II.K.5. The Permittee shall review the Contingency Plan annually with the Hill AFB Fire Department and document this review in the Operating Record.

**II.L. MANIFEST SYSTEM**

II.L.1. The Permittee shall comply with the manifest requirements of R315-8-5.2., R315-8-5.4. and R315-8-5.7.

II.L.2. If a waste load is refused for storage at the HWSF and returned to the generator, such action shall be documented in the Operating Record.

II.L.3. Copies of all manifests received by the Permittee shall be maintained in the Operating Record.

**II.M. RECORDKEEPING AND REPORTING**

II.M.1. In addition to the recordkeeping and reporting requirements specified elsewhere in this Permit, the Permittee shall maintain a Operating Record at the HWSF (Administration Building 893) in accordance with R315-8-5.3 and R315-50-2.

II.M.2. The Permittee shall submit additional reports to the Executive Secretary in accordance with R315-8-5.8.

**II.N. CLOSURE**

II.N.1. The Permittee shall close the HWSF as required by R315-8-7 and in accordance with Attachment 8 of this Permit.

II.N.2.

Any amendment of the closure plan shall follow the requirements of R315-8-7

II.N.3. The Permittee shall notify the Executive Secretary in writing of the partial closure of any portion of the HWSF in accordance with R315-8-7. The Permittee shall review the closure plan contained in Attachment 8 before commencing partial or final closure and shall certify to the Executive Secretary that the closure plan is accurate and applicable to the hazardous waste management unit undergoing closure. If the closure plan requires modification, the plan shall be modified pursuant to R315-4-1.5.

II.N.4. After receiving the final volume of hazardous waste, the Permittee shall remove from the site all hazardous waste in accordance with the schedule specified in Attachment 8 of this Permit.

II.N.5. The Permittee shall decontaminate or dispose of all HWSF equipment, structures, soil, and rinsate as required by Attachment 8 of this Permit. HWSF equipment, structures and soil which have not been decontaminated shall be

managed only at a permitted hazardous waste treatment, storage, or disposal facility.

II.N.6. The Permittee shall certify that the HWSF has been closed as specified in Attachment 8 of this Permit. This certification shall be provided by a qualified independent Utah-licensed professional engineer practicing within the scope of his/her education and training within 60 days after completion of closure of the HWSF.

II.N.7. In the event that the HWSF cannot be closed by removing hazardous waste and hazardous waste constituents from contaminated subsoil and any contaminated groundwater as specified in the Attachment 8 of this Permit, the Permittee shall modify the permit in accordance with R315-4-1.5 and R315-8-7 to provide for closure of the unit as a landfill .

II.N.8. If the HWSF is closed as a landfill the Permittee shall provide post-closure care and groundwater monitoring as required by R315-8-7 and in accordance with a Post-Closure Plan approved by the Executive Secretary. The post-closure plan shall include a survey plat indicating the location of the landfill. The survey plat shall also be recorded with the local zoning authority as required by R315-8-7.

II.N.9. Prior to closure, the Permittee shall review the Operating Record for records of spills and shall visually inspect the HWSF for signs of contamination such as soil staining. The Permittee shall propose a list of additional sampling parameters, soil sampling locations and clean-up criteria for approval by the Executive Secretary to ensure that the hazardous wastes and hazardous constituents documented in the spill reports and visual inspections are accounted for in the Closure Plan.

## **II.O. FINANCIAL REQUIREMENTS**

II.O.1. As a Federal government entity, HAFB is exempt from the financial requirements of R315-8-8. However, the Permittee's failure to request or obtain appropriate monies for its budget to complete all closure activities and any post-closure activities shall not be a defense against a finding of non-compliance by the Executive Secretary.