

**MODULE II—GENERAL HAZARDOUS WASTE STORAGE FACILITY
CONDITIONS**

II.A. APPLICABILITY

- II.A.1. The requirements of this ~~permit~~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 (Facility Description) for the HWSF description.

II.B. DESIGN AND OPERATION OF HWSF

- II.B.1. The Permittee shall design, construct, maintain, and operate the ~~container management areas~~HWSF 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~~water that 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~~Director may consider appropriate enforcement action, including the cessation of waste management activities, until adequate resolution of the problem occurs.

~~II.B.2. Any request for changes to the existing HWSF shall be in accordance with UAC R315-270-42 and Condition I.D.3. Changes to the design and operation of the HWSF shall satisfy the requirements specified in this Permit and the Utah Solid and Hazardous Waste Rules. Any changes to the HWSF must be documented on as-built drawings and with licensed professional engineering certifications as required by UAC R315-270-30(4)Condition I.S.~~

~~II.B.3. After review of the as-built drawings and field verification of the hazardous waste management unit(s), the Director will notify the Permittee in writing of any change which he concludes does not satisfy the operating requirements specified in this Permit. If it is established that such changes are Permit violations, the Director may require the Permittee to remove, replace or modify any construction inconsistent with this Permit.~~

II.C. ~~OFF-SITE WASTE RECEIPT NOTICE~~RESERVED

~~H.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 H.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~~Permit, the following wastes:

~~II.D.1.a. hazardous~~Hazardous wastes identified by the waste codes that are listed in Attachment 2 (Waste Analysis Plan).

~~II.D.1.b. Used oil.~~

~~II.D.1.c. PCBs~~

~~II.D.1.d. Other non-hazardous industrial wastes.~~

~~II.D.1.e. Compressed gas cylinders, provided they are managed in accordance with applicable DOT and OSHA regulations. (49 CFR 173.301 and 29 CFR 1910.101).~~

~~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.~~32~~. Prohibited Waste.

The Permittee shall not ~~accept for management~~ the following wastes at the HWSF at any time, regardless of the waste codes identified in Condition II.D.1.:

II.D.~~32~~.~~1a~~. Water reactive wastes or materials, defined as DOT Division 4.3, and in UAC R315-2-9(f)(1)(ii)-(iv)~~261-23(a)(2)-(a)(5)~~;

II.D.~~32~~.~~2b~~. Pyrophoric wastes or materials, defined as DOT Division 4.2(1);

II.D.~~32~~.~~4c~~. 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 UAC R315-2-9(f)(1)(vi)-(viii)~~261-23(a)(6)-(8)~~;

II.D.~~32~~.~~5d~~. Shock sensitive wastes or materials;

II.D.~~32~~.~~6e~~. Radioactive wastes or materials;

II.D.~~32~~.~~7f~~. Wastes or materials exhibiting the property identified in UAC R315-2-9(f)(1)~~R315-261-23(a)(1)~~;

II.D.~~32~~.~~8g~~. Wastes or materials meeting the definition of infectious as outlined in Utah Code ~~Annotated~~ (UCA) 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 (Waste Analysis Plan) of this permit. In addition,

the Permittee shall comply with any other conditions of this Permit involving waste analysis.

~~H.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:~~

~~H.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.32. 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-Director and incorporated into this permit pursuant to UAC R315-2-15-270-42.

II.E.43. The Permittee shall ~~only accept and use~~ a laboratory certified by the State of Utah to perform the analyses or from a non-Utah certified laboratory with approval from the Director. Provisional certification (conditional or probationary certification until permanently certified) is not acceptable as certification under this condition. For parameters for which certification is unavailable, the laboratory shall provide quality control/quality assurance data sufficient to assess the validity of the data. The Permittee shall inform the laboratory in writing that it is required to follow the Waste Analysis Plan conditions set forth in Attachment 2 (Waste Analysis Plan). 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.54. The Permittee shall verify the chemical analysis of each hazardous waste stream at least every three years and when new or modified (change in the process) hazardous wastes are known or suspected to exist~~have been generated~~. The Permittee shall conduct an evaluation of each new waste stream generated on site as they are generated and shall submit to the Director a report of the analysis in compliance with UAC R315-264-13.

II.E.65. 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~~Director 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.76. The Permittee shall provide validated analytical laboratory data for use in support of ~~permit~~Permit requirements. The Director may reject any data it if is determined to be unreliable for any reason.

II.E.87. The Permittee shall reject data from any trip, decontamination, or laboratory blank exceeding three (3) times the method detection limit.

II.E.98. 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~~ contained in Attachment 3 (Security Plan) of this permit.

II.G. GENERAL INSPECTION REQUIREMENTS

II.G.1. The Permittee shall ~~comply with the~~conduct inspections in accordance with UAC R315-264-15, and the procedures and inspection schedule ~~specified in~~ Attachment 4 (General Inspection Requirements) of this ~~permit~~Permit. In addition, the Permittee shall comply with the conditions pertaining to inspections in this Permit and the following conditions:

II.G.1.a. The Permittee shall make any repairs, or take other remedial action, ~~on a time schedule~~as required by UAC R315-264-15(c), 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~~Director, 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.G.2. Records of inspections shall be kept as required by UAC R315-264-15(d) and Attachment 4 (General Inspection Requirements).

II.H. PERSONNEL TRAINING

II.H.1. The Permittee shall conduct personnel training as required by UAC R315-264-16. The Permittee shall comply with the training procedures contained specified in Attachment 5 (Personnel Training Plan) of this ~~permit~~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~~ New personnel working with or around hazardous waste shall complete the required personnel training within six (6) months after their hire date, assignment to the HWSF, or assignment to a new position at the HWSF. In addition, the Permittee shall comply with the following conditions:

- II.H.1.a. The Permittee shall provide training, on an annual basis for all on-site employees, in the use of the Contingency Plan and hazardous waste management procedures relevant to the positions in which they are employed.~~on an annual basis for all on-site employees.~~
- II.H.1.b. The Permittee shall maintain training documents and records as required by UAC R315-8-2.7264-16(d) and UAC R315-8-2.7264-16(e), and in accordance with Attachment 5 (Personnel Training Plan). These records shall clearly indicate the person being trained, the employee's position, job description, and the type and amount of training received.
- II.H.1.c. The Permittee shall maintain a copy of Attachment 5 (Personnel Training Plan) at the HWSF until the HWSF is fully closed and closure is certified in accordance with UAC R315-264-115.

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

- II.I.1. The Permittee shall comply with the requirements of UAC R315-8-2.8-264-17 and the requirements of all applicable National Fire Protection Association (NFPA) codes. In addition, the Permittee shall comply with the conditions of this Permit pertaining to ignitable, reactive, or incompatible wastes.

II.J. PREPAREDNESS AND PREVENTION

- II.J.1. The Permittee shall follow the preparedness and prevention procedures found in Attachment 6 (Preparedness and Prevention Plan).
- II.J.2. At a minimum, the Permittee shall equip and maintain at the HWSF and keep in good operating condition at the HWSF the equipment identified in Attachment 6 (Preparedness and Prevention Plan), and as required by UAC R315-8-3.3264-32.
- II.J.23. The Permittee shall test and maintain the equipment specified in Condition II.J.2 identified in Attachment 6 of this permit as required by UAC R315-8-3.4264-33 and the NFPA to assure its proper operation in time of emergency.
- II.J.34. The Permittee shall maintain records of these preventative maintenance and repair activities specified in Condition II.J.13, and shall keep schedules, reflecting minimum and planned frequency for the performance of preventative maintenance in the Operating Record at the HWSF.

II.J.45. The Permittee shall maintain access to the communications or alarm system as required by UAC R315-8-3.5264-34, and as identified in Attachment 6 (Preparedness and Prevention Plan) of this ~~permit~~Permit.

II.J.56. ~~At a minimum, the~~The Permittee shall maintain aisle space as required by UAC R315-8-3.6264-35.

II.J.67. The Permittee shall attempt to make arrangements (Coordination Agreements) with State and local authorities as required by UAC R315-8-3.72-64-37. Copies of the Coordination Agreements shall be included in the Operating Record. Any refusals to enter into an agreement shall be documented in the Operating Record.

II.K. CONTINGENCY PLAN

II.K.1. The Permittee shall ~~immediately carry out the provisions of~~comply with Attachment 7 (Contingency Plan and Emergency Procedures), ~~and follow the emergency procedures described as specified by~~ UAC R315-8-4.7264-56; whenever there is a fire, explosion, or release of hazardous waste or hazardous waste ~~constituents which~~constituents that threatens or could threaten human health or the environment. The Permittee shall comply with Condition I.U. and UAC R315-9.263-30 in reporting releases to the ~~Executive Secretary~~Director.

II.K.2. The Permittee shall ~~comply~~maintain a copy of the contingency plan and plan and Quick Reference Guide at the facility and submit copies to emergency agencies that may be called upon to provide emergency services in compliance with the requirements of UAC R315-8-4.264-53.

II.K.3. A trained emergency coordinator shall be available at all times in case of an emergency, as required by UAC R315-8-4.6264-55. The ~~position title and duty~~names, addresses, and telephone numbers of all persons qualified to act as emergency coordinators shall be maintained in ~~the~~Attachment 7 (Contingency Plan and Emergency Procedures) of this Permit and supplied to the Director as required by UAC R315-264-52(d).

II.K.4. The Permittee shall review and immediately amend, if necessary, the Contingency Plan; as required by UAC R315-8-4.5264-54 and this Permit if necessary as specified by UAC R315-4-1.5270-42 and UAC R315-262-262.

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

II.L. MANIFEST SYSTEM

II.L.1. The manifest number shall be recorded in the Operating Record with each waste load that leaves the Permittee's facility. The Permittee shall comply with the manifest requirements of UAC R315-264-71, R315-264-72 and R315-264-76.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 for at least three years from the date of delivery.

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 an accurate written Operating Record at the HWSF (Administration Building 893) in accordance with UAC R315-8-5.3-264-73 and UAC R315-50-2264-1103.

II.M.2. The Permittee shall, by March 1 of each year, submit to the Director a certification pursuant to UAC R315-264-73, signed by the owner or operator of the facility or an authorized representative, that the Permittee has a waste minimization program in place to reduce the volume and toxicity of hazardous waste that he generates to the degree determined by the Permittee to be economically practicable; and that the proposed method of treatment, storage, or disposal is the most practicable method currently available to the Permittee which minimizes the present and future threat to human health or the environment.

II.M.3. The Permittee shall comply with the biennial reporting requirements of Condition I.AAZ. by March 1 of each even-numbered reporting year. The report shall include wastes generated, treated and stored at the Permittee's facility during the previous odd-numbered year.

II.M.24. The Permittee shall submit additional reports, such as releases, fires, explosions, and facility closures, to the Executive Secretary/Director in accordance with UAC R315-8-5.8-264-77.

II.M.5. All reports, notifications, applications, or other materials required to be submitted to the Director shall be submitted at the address shown in Condition I.EEDD.

II.N. CLOSURE

II.N.1. The Permittee shall close the HWSF as required by UAC R315-8-7-264-110 and in accordance with Attachment 8 (Closure Plan, Post-Closure Plan Requirements) of this Permit.

II.N.2. 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 staining. The Permittee shall propose a list of additional sampling parameters, soil sampling locations and clean-up criteria for prior written approval by the Director 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.N.2. Minor deviations (a deviation that does not conflict with Permit conditions or regulations and is equally protective as what is written in the Permit) from the procedures found in Attachment 8 (Closure Plan, Post-Closure Plan Requirements) that are necessary to accommodate proper closure shall be described in narrative form with the closure certification statements. The Permittee shall describe the rationale for implementing minor changes as part of this narrative report. Within ~~sixty (60)~~ days after completion of closure of each hazardous waste management unit, the Permittee shall submit the certification statements and narrative report to the Director.
- II.N.23. ~~Any amendment of~~The Permittee shall amend the closure plan shall follow the requirements of in accordance with UAC R315-8-7264-112 whenever necessary or when required to do so by the Director. The Permittee shall submit the modified plan to the Director within 60 days of the Director's request or within 30 days if the change in the facility conditions occurs during partial or final closure.
- II.N.34. ~~The Permittee shall notify the Executive Secretary~~Director in writing of the partial closure of any portion of the HWSF in accordance with UAC R315-8-7264-110. The Permittee shall notify the Director at least 180 days prior to the commencement of final facility closure. The Permittee shall review the closure plan contained in Attachment 8 (Closure Plan, Post-Closure Plan Requirements) before commencing partial or final closure and shall certify to the Executive SecretaryDirector 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~~and submitted to the Director for approval pursuant to the requirements of UAC R315-124-5 and R315-270-42.
- II.N.45. After receiving the final volume of hazardous waste, the Permittee shall remove from the site all hazardous waste and complete closure activities in accordance with the schedule specified in Attachment 8 (Closure Plan, Post-Closure Plan Requirements) of this Permit.
- II.N.56. The Permittee shall decontaminate or dispose of all HWSF equipment, structures, soil, and rinsate as required by UAC R315-264-114 and Attachment 8 (Closure Plan, Post-Closure Plan Requirements) 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.67. The Permittee shall certify that the HWSF has been closed as required by UAC R315-264-115 and as specified in Attachment 8 (Closure Plan, Post-Closure Plan Requirements) of this Permit. ~~This~~The Permittee shall provide certification shall be provided by a qualifiedan independent Utah-licensed professional engineer, ~~practicing within the scope of his/her~~qualified by education and training in the appropriate field, within 60 days after

completion of closure of the HWSF. The Permittee shall submit this certification by registered mail or other method with proof of delivery.

II.N.78. In the event that the HWSF cannot be closed by removing hazardous waste and hazardous waste constituents, ~~from~~ contaminated soil and subsoil, and any contaminated groundwater as specified in the Attachment 8 (Closure Plan, Post-Closure Plan Requirements) of this Permit, the Permittee shall modify the ~~permit~~ Permit and any post-closure plan in accordance with UAC R315-4-1.5-270-42 and R315-8-7-264-112 to provide for closure of the unit as a landfill.

II.N.89. If the HWSF is closed as a landfill, the Permittee shall provide post-closure care and groundwater monitoring as required by UAC R315-8-7-264-117 and in accordance with a Post-Closure Plan approved by the ~~Executive~~ UAC Secretary Director. 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 UAC R315-8-7-264-116. This plat shall be submitted within the same time frame as the certification of closure of the HWSF, in accordance with UAC R315-264-116.

~~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 UAC R315-8-8-264-140. 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~~ Director.