

MODULE II

GENERAL FACILITY CONDITIONS

II.A. APPLICABILITY

- II.A.1. The requirements of this permit module pertain to the hazardous waste facility and the hazardous waste management units identified within the modules of this Permit.
- II.A.2. The Permittee's facility is located in Section 32 of Township 1 South and Range 11 West, Tooele County, Utah. The Facility location and property boundary is identified in Attachment II-11, *Facility Drawings*.
- II.A.3. Future hazardous waste management units may be added to the Facility in accordance with Condition I.D.2. of Module I, *Standard Conditions*.
- II.A.4. The Permittee shall comply with the applicable requirements of Utah Admin. Code R315-268 and any additional applicable requirements of Utah Admin. Code R315-268 when such requirements become effective.
- II.A.5. The Permittee shall comply with Utah Admin. Code R315-262 when the Permittee is a generator of hazardous waste.
- II.A.6. For information purposes, references to state and federal rules are provided in some conditions of this Permit.

II.B. DESIGN AND OPERATION OF FACILITY

- II.B.1. The Permittee shall design, construct, maintain, and operate the Facility to minimize the possibility of a fire, explosion, or any sudden or non-sudden release of hazardous waste constituents to air, soil, groundwater, or surface water which could threaten human health or the environment. [Utah Admin. Code R315-264-2(j)(10)] Should an incident occur, the Permittee shall implement Attachment II-6, *Contingency Plan*.
- II.B.2. The Permittee shall construct all hazardous waste management units in accordance with the approved design drawings and specifications contained in the respective approved permit modification or, for landfill units originally permitted, as provided in the approved construction quality assurance plan, Attachment II-9,

Construction QA/QC Manual, except for minor changes deemed necessary by the Permittee to facilitate proper construction of each hazardous waste management unit. (See Attachment II-11, *Facility Drawings*, for facility drawings associated with this Permit).

- II.B.3. Minor deviations from the approved designs or specifications necessary to accommodate proper construction and the substitution of equivalent or superior materials or equipment shall be noted on reports and on the required as-built drawings to be submitted in accordance with Condition II.B.4. The rationale for those deviations shall be documented in written form.
- II.B.4. After completion of construction of each hazardous waste management unit, the Permittee shall submit final stamped as-built drawings and a written report to the Director as part of the construction certification documentation specified in Condition I.F.11. of Module I, *Standard Conditions*.
- II.B.5.a. The Permittee shall manage site run-off from the Mixed Waste area, excluding completed portions of the Mixed Waste Landfill Cell, in the Mixed Waste retention pond, in permitted evaporation tanks, in the permitted surface impoundment, or in containers.
- II.B.5.b. For portions of the Mixed Waste Landfill Cell where at least the first lift of radon barrier has been completed, run-off does not require management as a hazardous waste.
- II.B.6. Wastes profiled to be liquid wastes and those wastes that require solidification shall be managed in accordance with Attachment II-1-4, *Liquid Waste Management Plan*.
- II.B.7. For waste stabilization, the Permittee shall treat waste in accordance with Attachment II-1-3, *Waste Stabilization Plan*.

II.C. REQUIRED NOTICE

- II.C.1. Hazardous Waste Imports. The Permittee shall notify the Director in writing at least four weeks in advance of the expected arrival date of hazardous waste shipments from a foreign source at the Facility. Notice of subsequent shipments of the same waste from the same foreign source is not required. [Utah Admin. Code R315-264-12(a)]

- II.C.2. Hazardous Waste from off-site sources. When the Permittee is to receive hazardous waste from an off-site source (except where the Permittee is also the generator), the Permittee shall inform the generator in writing that the Permittee has the appropriate permits for, and will accept, the waste the generator is shipping. The Permittee shall keep a copy of this written notice as part of the Operating Record. [Utah Admin. Code R315-264-12(b).]
- II.D. GENERAL WASTE ANALYSIS
- II.D.1. The Permittee shall follow the procedures described in Attachment II-1, *Waste Analysis Plan*. [Utah Admin. Code R315-264-13.]
- II.D.2. The Permittee shall follow the procedures for waste tracking described in Attachment III-2, *Waste Identification and Tracking Plan*.
- II.D.3. The Permittee shall re-characterize each on-site-generated hazardous waste stream and update the waste stream profile information annually.
- II.D.4. The Permittee shall annually collect both a liquid and sludge sample from the Mixed Waste retention pond and analyze each sample separately for F039 hazardous waste constituents excepting dioxins and furans.
- II.D.5. At a minimum, the Permittee shall:
- II.D.5.a. Maintain proper functional instruments;
- II.D.5.b. Use sampling and analytical methods in accordance with Condition I.F.14.a. of Module I, *Standard Conditions*;
- II.D.5.c. Demonstrate the validity of sampling and analytical procedures and results when requested by the Director. This may involve sampling and analytical demonstrations or making data validation packages available for review.
- II.D.5.d. Perform correct calculations.
- II.D.6. The Permittee may only accept those wastes listed in Condition III.B.1. of Module III, *Storage and Treatment in Containers*. The Permittee shall not accept the wastes listed in Condition III.C. of Module III, *Storage and Treatment in Containers*.

- II.D.7. The Permittee shall weigh every incoming bulk waste load to verify the shipment weight. Any weight discrepancy greater than ten percent; or for containerized wastes, any variation in piece count, such as a discrepancy of one drum in a truckload, shall be resolved in accordance with Attachment II-1, *Waste Analysis Plan*, or Attachment II-1-10, *Management of Wastes Containing Polychlorinated Biphenyls (PCBs) at the Mixed Waste Facility*, if the shipment is TSCA regulated for PCBs.
- II.D.8. The Permittee shall not store, hold, treat, or dispose of waste outside the fenced permitted facility boundary.
- II.D.9. For each calendar year, the Permittee shall submit to the Director, by March 31 of the subsequent year, a report that summarizes on-site waste analysis and acceptance. The report shall include the following information:
- II.D.9.a. Generator number.
- II.D.9.b. Shipment identification number.
- II.D.9.c. Shipment date.
- II.D.9.d. Sampling date.
- II.D.9.e. Summary of results from analyses.
- II.D.9.f. Land Disposal Restriction (LDR) status (i.e., whether waste requires treatment prior to disposal).
- II.D.9.g. Acceptance or rejection of a load.
- II.D.9.h. Final location of a load.
- II.D.10. For the on-site analyses outlined in Attachment II-1, *Waste Analysis Plan*, the Permittee is not required to be a Utah-certified laboratory.
- II.E. SECURITY
- II.E.1. The Permittee shall comply with the requirements outlined in Attachment II-2, *Security Plan*.

II.F. GENERAL INSPECTION REQUIREMENTS

- II.F.1. The Permittee shall comply with the requirements in Attachment II-3, *Site Inspection Plan*.
- II.F.2. If a remedy requires more time than is allowed in Attachment II-3, *Site Inspection Plan*, the Permittee shall submit to the Director, before the expiration of the time period, a proposed schedule for correcting the problem. [Utah Admin. Code R315-264-15(c).]
- II.F.3. Records of inspections required by this Permit shall be kept in the Operating Record. [Utah Admin. Code R315-264-15(d).]
- II.F.4. All annual tests for tank corrosion and foundation integrity shall be certified by a qualified Utah registered professional engineer. [Utah Admin. Code R315-264-191.]
- II.F.5. If, upon determination by the Director or the Permittee, continued operation of a waste management unit could endanger human health and the environment, the Permittee shall cease operation of the unit until the problem has been corrected.

II.G. PERSONNEL TRAINING

- II.G.1. The Permittee shall conduct personnel training as required in Attachment II-4, *Personnel Training Plan*. [Utah Admin. Code R315-264-16.]

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

- II.H.1. The Permittee shall take precautions to prevent accidental ignition or reaction of ignitable or reactive waste.
- II.H.2. The Permittee shall separate and protect ignitable and reactive waste from sources of ignition or reaction including but not limited to: open flames, smoking, cutting and welding, hot surfaces, frictional heat, sparks (static, electrical, or mechanical), spontaneous ignition (e.g., from heat-producing chemical reactions), water and radiant heat..
- II.H.3. The Permittee shall take precautions to prevent reactions which:

- II.H.3.a. Generate extreme heat or pressure, fire or explosions, or violent reactions;
- II.H.3.b. Produce uncontrolled toxic mists, fumes, dusts, or gases in sufficient quantities to threaten human health or the environment;
- II.H.3.c. Produce uncontrolled flammable fumes or gases in sufficient quantities to pose a risk of fire or explosions;
- II.H.3.d. Damage the structural integrity of the device or facility;
- II.H.3.e. Through other like means threaten human health or the environment.
- II.H.4. The Permittee shall comply with the conditions of Module III, *Storage and Treatment in Containers*, and Module IV, *Storage and Treatment in Tanks and Surface Impoundment*, pertaining to ignitable, reactive, or incompatible waste. [Utah Admin. Code R315-264-17. and the requirements of all applicable National Fire Protection Association (NFPA) codes for those areas of the facility approved for operation before June 25, 2003. The Permittee shall comply with Utah Admin. Code R315-264-17. and the applicable requirements of the International Fire Code for modifications/additions approved for operation on or after this date.]
- II.H.5. The Permittee shall document any precautions taken pursuant to Conditions II.H.1 through II.H.4. in the Operating Record.
- II.I. LOCATION STANDARDS
- II.I.1 The Director determined prior to issuance of the original Permit on November 30, 1990, that this Facility has met the location standards and siting criteria for new facilities required by State rules.
- II.J. EMERGENCY MANAGEMENT PROCEDURES
- II.J.1. The Permittee shall follow the requirements of Attachment II-5, *Preparedness and Prevention Plan*.
- II.J.2. At a minimum, the Permittee shall equip, test, and maintain in good operating condition, at the Facility, all emergency equipment listed in Attachment II-6, *Contingency Plan*, in accordance with Attachment II-5, *Preparedness and Prevention Plan*, and Attachment II-3, *Site Inspection Plan*.

II.J.3. The Permittee shall test and maintain the emergency equipment used at the Mixed Waste Facility on a monthly basis. [Utah Admin. Code R315-264-33.]

II.J.4. The Permittee shall maintain records of preventive maintenance and repair activities on the equipment specified in Condition II.J.2. and shall keep schedules, reflecting minimum and planned frequency for the testing and performance of preventive maintenance activities in the Operating Record.

II.K. CONTINGENCY PLAN

II.K.1. Implementation of Plan. Whenever there is a fire, explosion, or release of a hazardous waste or hazardous waste constituent that threatens or could threaten human health or the environment, the Permittee shall immediately implement the provisions of Attachment II-6, *Contingency Plan*, and follow the emergency procedures described therein. [Utah Admin. Code R315-264-56.]

II.K.2. Amendments to Plan. In accordance with UAC R315-264.54., the Permittee shall review and immediately amend if necessary, Attachment II-6, *Contingency Plan*, under any of the following circumstances:

II.K.2.a. This permit is revised;

II.K.2.b. The Contingency Plan fails in an emergency;

II.K.2.c. Facility changes are made that materially increases the potential for fires, explosions, or discharges of hazardous waste, or changes the response necessary in an emergency;

II.K.2.d. The list of emergency coordinators is changed; or

II.K.2.e. The list of emergency equipment changes.

II.L. MANIFEST SYSTEM

II.L.1. The Permittee shall comply with the manifest requirements of Utah Admin. Code R315-264-71. (Use of Manifest System), Utah Admin. Code R315-264-72. (Manifest Discrepancies), and Utah Admin. Code R315-264-76. (Unmanifested Waste Report).

- II.L.2. If the waste load is refused 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 as well as all manifests where the Permittee is listed as the generator shall be submitted to the Director by the 20th day of the month following the month during which the manifests were received.
- II.M. RECORDKEEPING AND REPORTING
- II.M.1. The Permittee shall keep a written (paper or electronic) operating record at the Facility. [Utah Admin. Code R315-264-73.]
- II.M.2. Documentation of incoming shipment inspections and the results of on-site analytical required by Attachment II-1, *Waste Analysis Plan*, shall be submitted by the Permittee to the Director by the 20th of the month following the month in which hazardous waste shipments were received.
- II.M.3. The Permittee shall, by March 31 of each year, submit to the Director a certification that the Permittee has a 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 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. [Utah Admin. Code R315-264-73(a)(9)]
- II.M.4. The Permittee shall submit other reports as required by Attachment II-6, *Contingency Plan*, and Attachment II-7, *Closure Plan*. [Utah Admin. Code R315-264-77.]
- II.M.5. All reports, notifications, application, or other materials required to be submitted to the Director shall be submitted to the address below unless another address is approved by the Director. Notifications shall be made via letter.

Director
Division of Waste Management and Radiation Control
P.O. Box 144880
195 North 1950 West
Salt Lake City, UT 84114-4880

- II.M.6. The Permittee shall maintain the following independent (stand-alone) records in the Operating Record:
- II.M.6.a. The *Rejected Waste Record*. The Rejected Waste Record shall list all shipments (i.e., every waste stream of every generator) of hazardous waste that were rejected by the Permittee. This record shall contain information on all rejected hazardous waste loads as listed below:
- II.M.6.a.i. Generator number,
- II.M.6.a.ii. Waste codes,
- II.M.6.a.iii. Manifest number,
- II.M.6.a.iv. The date the waste arrived at the Facility,
- II.M.6.a.v. The date the waste was rejected,
- II.M.6.a.vi. Name of the facility from which the waste was shipped,
- II.M.8.a.vii. A copy of the manifest,
- II.M.6.a.viii. The reason the waste was rejected, and
- II.M.6.a.ix. Quantity of waste.
- II.N. CLOSURE/POST-CLOSURE
- II.N.1. The Permittee shall meet the general closure performance standard specified in Utah Admin. Code R315-264-110. during closure of all hazardous waste management units at the Facility. Compliance with Utah Admin. Code R315-264-110. shall require closure of each hazardous waste management unit in accordance with Attachment II-7, *Closure Plan*.
- II.N.2. Amendment to Closure/Post-Closure Plan. The Permittee shall amend the Closure and Post-Closure Plans in accordance with Utah Admin. Code R315-264-118., whenever necessary, or when required to do so by the Director.
- II.N.3. In accordance with UAC R315- 264-112(d), the Permittee shall notify the Director at least 60 days prior to the commencement of closure of a surface impoundment,

landfill unit, or final closure of the Facility, and at least 45 days prior to the commencement of closure of treatment or storage tanks, or container storage areas. Upon written notification of closure, this Permit shall be modified as necessary.

- II.N.4. Within 90 days after receiving the final volume of hazardous wastes, the Permittee shall treat, remove from the facility, or dispose of on-site all received hazardous wastes. The Permittee may request the Director extend this time as long as the request is made at least 30 days prior to the expiration of the 90 day period.
- II.N.4.a. The Permittee shall complete final closure activities within 180 days after receiving the final volume of hazardous wastes. The Permittee may request the Director extend this time as long as the request is made at least 30 days prior to the expiration of the 180 day period.
- II.N.5. After receiving the final volume of hazardous waste, the Permittee shall treat, remove from the site, or dispose on site all hazardous waste and complete closure activities in accordance with the schedule specified in Attachment II-7, *Closure Plan*.
- II.N.6. The Permittee shall either decontaminate, or dispose, of all facility equipment, structures, soils, and rinsate as required by Utah Admin. Code R315-264-114., and Attachment II-7, *Closure Plan*. Treatment, storage and disposal can only occur at a permitted hazardous waste facility.
- II.N.7. The Permittee shall certify that the Facility has been closed in accordance with the specifications in Attachment II-7, *Closure Plan*, as required by Utah Admin. Code R315-264-115. and provide a certification by a qualified Utah registered professional engineer that the Closure Plan was properly implemented.
- II.N.8. For all hazardous waste management units, minor deviations from the permitted closure plan procedures 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.
- II.N.9. Within 90 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.10. The Permittee shall submit a survey plat as part of the certification of closure of each hazardous waste disposal unit, in accordance with Utah Admin. Code R315-264-116.
- II.N.11. The Permittee shall begin post-closure care for each of the land disposal units after completion of closure of the unit and continue for a minimum of 30 years after that date. Post-closure care shall be in accordance with Utah Admin. Code R315-264-117., and Attachment II-8, *Post Closure Plan*.
- II.N.12. The Permittee shall maintain security at the Facility during the post-closure care period in accordance with Attachment II-8, *Post-Closure Plan*, and Utah Admin. Code R315-264-117(b).
- II.N.13. The Permittee shall amend Attachment II-8, *Post-Closure Plan* in accordance with Utah Admin. Code R315-264-118. whenever necessary or whenever requested by the Director.
- II.N.14. No later than 60 days after certification of closure of each hazardous waste disposal unit, the Permittee shall submit to the Director records of the type, location, and quantity of hazardous waste disposed within each cell or disposal unit, in accordance with Utah Admin. Code R315-264-119(a).
- II.N.15. Within 60 days of certification of closure of each hazardous waste disposal unit, the Permittee shall do the following:
- II.N.15.a. Record a notation on the deed to the Facility property that the land has been used to manage hazardous waste; its use is restricted under 40 CFR Subpart G regulations; and the survey plat and record of the type, location, and quantity of hazardous wastes disposed within each cell unit of the Facility have been filed with the local zoning authority or the authority with jurisdiction over land use and with the Director, in accordance with Utah Admin. Code R315-264-119(b)(1).
- II.N.15.b. Submit a certification to the Director that the notation of Condition II.N.15.a. has been recorded. [Utah Admin. Code R315-264-119(b)(2)]
- II.N.16. The Permittee shall request and obtain a permit modification in accordance with Condition I.D for any post-closure removal of hazardous wastes, hazardous waste residues, liners, or contaminated soils, in accordance with Utah Admin. Code R315-264-119(c).

II.N.17. The Permittee shall certify that the post-closure care period was performed in accordance with the specifications in Attachment II-8, *Post-Closure Plan*, as required by Utah Admin. Code R315-264-120.

II.O. COST ESTIMATES FOR FACILITY CLOSURE

II.O.1. The Permittee shall prepare the closure and post-closure cost estimate in accordance with Utah Admin. Code R315-264-142(a) and R315-144(a), and Attachment II-7, *Closure Plan*, and Attachment II-8, *Post-Closure Plan*. The currently approved cost estimate shall be attached as Attachment II-7-2.

II.O.2. By March 1 of each year, the Permittee shall adjust the closure and post-closure cost estimate for inflation from the previous year in accordance with Utah Admin. Code R315-264-142(b) and R315-264-144(b), and submit a permit modification including a copy of the adjusted closure and post-closure cost estimate to the Director for approval. For each new hazardous waste unit placed into operation, an updated closure/post-closure cost estimate for the Facility shall be prepared which includes the new unit. The updated cost estimate shall be approved by the Director and funded prior to waste being managed in the new unit.

II.O.3. The Permittee shall revise the closure cost estimate or the post-closure cost estimate and submit a request to modify this Permit whenever there is a change in either Attachment II-7, *Closure Plan*, or Attachment II-8, *Post-Closure Plan*, respectively, as required by Utah Admin. Code R315-264-112 and R315-264-144.

II.P. FINANCIAL ASSURANCE

II.P.1. The Permittee shall demonstrate continuous compliance with Utah Admin. Code R315-264-143 and R315-264-145, and provide documentation of financial assurance, as required by Utah Admin. Code R315-264-143 and R315-264-145, in at least the amount of the cost estimate required by Condition II.O.1.

II.P.2. The Permittee shall provide a funding mechanism from those specified in Utah Admin. Code R315-264-143 or R315-264-145, for its mixed waste operations. The Permittee shall not allocate funds from existing financial assurance agreements for other site operations to provide financial assurance for mixed waste management.

II.P.3. The Permittee shall include the currently approved financial instrument in Attachment II-7-4. Attachment II-7-4 shall be updated whenever the currently approved financial instrument is amended or changed.

II.P.4. If the Director determines that corrective measures are necessary for any solid waste management unit, the Permittee shall comply with Condition VII.E. of Module VII, *Corrective Action Program*, and shall prepare a cost estimate for the completion of any corrective measures, which shall be provided to the Director. These costs shall be in addition to those specified in Condition II.O. and financial assurance shall be provided for such costs as specified in Utah Admin. Code R315-264-552 or R315-264-553.

II.Q. LIABILITY REQUIREMENTS

II.Q.1. The Permittee shall demonstrate continuous compliance with the requirements of Utah Admin. Code R315-264-147, including the requirements to have and maintain hazardous waste liability coverage for sudden accidental occurrences in the amount of at least one million U.S. dollars per occurrence with an annual aggregate of at least two million U.S. dollars, exclusive of legal defense costs.

II.Q.2. The Permittee shall submit an approvable certificate of hazardous waste liability insurance worded as required by Utah Admin. Code R315-264-147(a)(1)(i), and a current ACORD Form from its insurance broker each year prior to the date of the policy expiration or submit documents which comply with the requirements of a financial test, corporate guarantees, or both.

II.Q.3. The Permittee shall demonstrate continuous compliance with the requirements to have and maintain liability coverage for non-sudden accidental occurrences in the amount of at least three million U.S. dollars per occurrence, with an annual aggregate of at least six million U.S. dollars, exclusive of legal defense costs. [Utah Admin. Code R315-264-147(b)]

II.R. FINANCIAL REQUIREMENTS

II.R.1. The Permittee shall comply with Utah Admin. Code R315-264-140.

II.S. FACILITY DRAWINGS

II.S.1 The Permittee shall maintain drawings associated with this Permit in Attachment II-11, *Facility Drawings*.

II.T. MISCELLANEOUS UNITS

- II.T.1. Miscellaneous Units shall be operated in accordance with the appropriate operating plan.
- II.T.1.a. Miscellaneous Units within the Mixed Waste Operations Building shall be operated in accordance with Attachment II-1-9, *Mixed Waste Operations Building Operating Plan*.
- II.T.1.b. Miscellaneous Units within the Mixed Waste Storage Building shall be operated in accordance with Attachment II-1-13, *Mixed Waste Storage Building Operating Plan*.
- II.T.1.c. Miscellaneous Units within the Mixed Waste Treatment Building shall be operated in accordance with Attachment II-1-11, *Mixed Waste Treatment Building Operating Plan*.
- II.T.2. Air pollution control devices within the building of operation shall be properly functioning during the operation of any miscellaneous unit(s) and in accordance with appropriate conditions of this Permit relating to the particular miscellaneous unit(s).
- II.T.3. The Permittee shall only perform treatment of hazardous waste in or with the following miscellaneous units:
- II.T.3.a. Mixer No. 1 (four cubic yard mixer, located in the Mixed Waste Treatment Building),
- II.T.3.b. Shredder No. 1 (Primary Shredder, located in the Mixed Waste Treatment Building),
- II.T.3.c. Small-Scale Mixer (Portable),
- II.T.3.d. Thermal Desorption System (located in the Mixed Waste Storage Building),
- II.T.3.e. Commercial Cement Mixer (Portable),
- II.T.3.f. Can Tumbler Mixer,
- II.T.3.g. Drum Rotator Mixer, or

- II.T.3.h. Aerosol Can Puncturing System
- II.T.4. A risk assessment evaluation shall be performed for each waste stream prior to management within a miscellaneous unit.
- II.T.4.a. Waste processing shall not be performed through any miscellaneous unit unless the calculated cancer risk at the property boundary (fence line) and/or maximum point of concentration (if the maximum concentration occurs outside the property boundary) for non-workers, for all miscellaneous unit operations and operating conditions, is below 1×10^{-6} .
- II.T.4.b. Waste processing shall not be performed through any miscellaneous unit unless the calculated non-cancer Hazard Index (HI) at the property boundary (fence line) and/or maximum point of concentration (if the maximum concentration occurs outside the property boundary) for non-workers, for all miscellaneous unit operations and operating conditions, is below 1.0.
- II.T.4.c. The calculated cancer risk and/or HI may be exceeded for a particular waste stream upon written Director approval. This approval shall be attained prior to the commencement of operations for the particular waste stream.
- II.T.4.d. The risk assessment for thermal desorption operations shall be performed using the calculations presented in the report entitled "Subpart X Risk Assessment Thermal Desorption Operations," dated July 14, 2003.
- II.T.4.e. The risk assessment for Mixer No. 1, Shredder No. 1, the Small-Scale Mixer, the Commercial Cement Mixer, and the Aerosol Can Puncturing System shall be performed using the calculations presented in the report entitled "Subpart X Risk Evaluation of Emissions from Miscellaneous Units at the Envirocare of Utah Clive Facility," dated September 21, 2000 and the addendum to that report dated August 26, 2015.
- II.T.4.e.i. The Aerosol Can Puncturing System shall use the risk assessment developed for Pretreatment Processes.
- II.T.4.e.ii. The Can Tumbler Mixer and Drum Rotator Mixer are closed systems and do not require a risk assessment.
- II.T.4.f. A computer-based risk assessment tool originally created by SAIC shall be used in the evaluations of Conditions II.T.4.d. and II.T.4.e.

- II.T.4.g. The risk assessment evaluation and an emissions/risk printout generated by the computer-based risk assessment tool shall be placed in the Operating Record.
- II.T.4.h. A database of all risk assessment evaluations shall be maintained by the Permittee. This database shall calculate cumulative cancer effects at the Permittee's property boundary (fence line) and/or the maximum point of concentration (if the maximum is outside the property boundary) for all waste processed through miscellaneous units.

END OF MODULE II