Universal Waste/Recycle Material Handling

Tank Farm Plant Operating Procedure

BURIAL AND WASTE

USQ # N/A-4

CHANGE HISTORY (≤ LAST 5 REV-MODS)

<table>
<thead>
<tr>
<th>Rev-Mod</th>
<th>Release Date</th>
<th>Justification</th>
<th>Summary of Changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-1</td>
<td>08/10/2016</td>
<td>Inconsequential change requested by records management.</td>
<td>Updated records section.</td>
</tr>
<tr>
<td>A-0</td>
<td>06/02/2016</td>
<td>Waste Operations Request</td>
<td>New Procedure</td>
</tr>
</tbody>
</table>

Table of Contents

1.0 PURPOSE AND SCOPE ........................................................................................................3
  1.1 Purpose ..........................................................................................................................3
  1.2 Scope .............................................................................................................................3

2.0 INFORMATION ..................................................................................................................3
  2.1 Terms and Definitions .....................................................................................................3
  2.2 General Information .......................................................................................................4

3.0 PRECAUTIONS AND LIMITATIONS .............................................................................5
  3.1 Personnel Safety ............................................................................................................5
  3.2 Radiation and Contamination Control .........................................................................5
  3.3 Environmental Compliance ..........................................................................................6

4.0 PREREQUISITES ..............................................................................................................7
  4.1 Special Tools, Equipment, and Supplies ......................................................................7
  4.2 Performance Documents ...............................................................................................8

5.0 PROCEDURE ....................................................................................................................9
  5.1 Spills or Emergencies ...................................................................................................9
  5.2 Universal Waste Batteries Pickup .................................................................................10
  5.3 Universal Waste Batteries Processing .........................................................................11
  5.4 Universal Waste Lamps Acceptance ..............................................................................13
Universal Waste/Recycle Material Handling

5.5 Universal Waste Lamps Processing................................................................. 13
5.6 Non-PCB Electrical Ballasts or Capacitors Acceptance............................... 15
5.7 Non-PCB Electrical Ballasts or Capacitors Processing................................. 15
5.8 Mercury Containing Equipment ........................................................................ 17
5.9 Used Oil and Spent Antifreeze .......................................................................... 18
5.10 Lead Acid Batteries Acceptance ....................................................................... 19
5.11 Lead Acid Batteries Process ............................................................................. 19
5.12 Records ........................................................................................................... 21

Table 1 - Waste Segregation.................................................................................. 22
1.0 PURPOSE AND SCOPE

1.1 Purpose

This procedure provides instructions for managing, handling, and packaging universal waste, and recyclable materials for Universal Waste at Waste Operations facility.

1.2 Scope

This procedure applies to all Universal Waste located in Tank Farm facilities.

2.0 INFORMATION

2.1 Terms and Definitions

- SWITS - Solid Waste Information and Tracking System
- FWS - Field Work Supervisor
- FLM – First Line Manager.
- ACCUMULATION AREA - An Accumulation Area is a designated location(s) in which universal waste/recyclables/materials are managed separate from CERCLA waste.
- ACCUMULATION START DATE - The accumulation start date is the date that universal waste is first taken out of service and/or the date an item first goes into a container. The accumulation start date is required to be written on the item and/or the container. If, two or more containers are combined into one container, the oldest accumulation start date applies.
- MCE - MERCURY CONTAINING EQUIPMENT - MCE is commonly recognized as the following, but are not limited to:
  - Thermometers
  - Thermostats
  - Barometers
  - Manometers
  - Temperature and Pressure Gauges
  - Mercury Switches
- UW - UNIVERSAL WASTE - Universal waste are specific hazardous waste streams that a generator can choose to manage in an alternative manner in place of the more complex hazardous waste requirements. Universal waste are:
  - Batteries with the exception of lead acid batteries
  - Lamps with the exception of crushed fluorescent tubes (lamps)
  - Mercury containing equipment (MCE)
2.2 General Information

2.2.1 Universal waste must be marked with an accumulation start date (the date an item is removed from service and/or first goes into a container). Items may accumulate for one year, before shipping.

2.2.2 Containers should be arranged such that the universal waste marking with accumulation start date or the recycle material marking is visible for inspection.

2.2.3 Universal waste and recyclable materials containers shall be closed except when adding or removing waste. For cardboard boxes, such as those used for light tubes, this will include taping the top closed when full.

2.2.4 If universal waste from multiple containers is consolidated into a single container, the oldest accumulation start date applies to the consolidated container. Labels associated with the emptied shipping containers should be removed, or defaced to indicate EMPTY.

2.2.5 Crushing of fluorescent lamps is not allowed under this procedure.

2.2.6 Glass cased batteries will only be accepted on a case by case basis.

2.2.7 Containers shipped shall not exceed:

- < 10 gallon poly buckets – up to 16 lbs.
- < 30 gallon drum – up to 300 lbs.
- > 30 gallon drum – no more than 450 lbs.

2.2.8 Lead acid batteries will be packaged in wood battery boxes on skids, battery boxes should have two metal bands horizontally, one band approximately 6 inches from the bottom, and the other band 8 inches from the top. Lids need to be hinged to the box and secured with a metal clasp/hasp. Battery box(es) will be protected from the weather.

2.2.9 Radiological Evaluation for Release (A-6004-227) must be completed for all Universal Waste when received at 616 by generator.
3.0 PRECAUTIONS AND LIMITATIONS

3.1 Personnel Safety

3.1.1 A communication device (portable two-way radio, telephone) capable of summoning emergency assistance is required to be readily available at all times while personnel are collecting Universal Waste from Tank Farm Facilities.

3.1.2 Hazards related to the work steps/scope in this procedure have been analyzed and determined to fall under the WRPS General Hazards Analysis (GHA).

3.1.3 When handling leaking universal waste batteries, the following PPE is to be worn:
   - Safety Glasses w/side shields
   - Nitrile Gloves or equivalent protection

3.2 Radiation and Contamination Control

3.2.1 Form A-6004-227 Radiological Evaluation for Release must be completed for each container before shipment.
3.3 Environmental Compliance

NOTE - The Washington State Department of Ecology UW regulations (WAC-173-303-573 (22)) states “a large quantity handler of UW may accumulate UW for no longer than one year from the date the UW is generated.” The time for accumulating UW in the field is less than nine months, dependent on the location and/or type of UW, to ensure adequate time to package and ship the UW to CCRC.

3.3.1 In the event of a spill or release to the environment, the Shift Manager must be notified. The Shift Manager will make appropriate notifications to Environmental personnel in accordance with TFC-ESHQ-ENV_FS-C-01.

3.3.2 This procedure does not manage the following items:

- Radioactive Waste Material
- Incompatible Waste material in the same container
- Drained Battery Carcasses
- Leaking or cracked batteries containing liquid electrolyte solution
- Oil Filled Batteries
- Aluminum Batteries
- Broken Sodium Vapor Lamps
- Elemental Mercury
- Diesel Fuel
- Aerosol cans that have been in radiological areas (excluding RMA/RBAs).
4.0 PREREQUISITES

4.1 Special Tools, Equipment, and Supplies

- Scale capable of measuring both pounds and kilograms
- PPE as required (i.e. Gloves, Goggles, Apron)
- Farm and shed keys, as needed
- Inspection checklist for waste accumulation areas
- A two-way radio, cellular telephone, or mounted emergency telephone
- Black ink permanent marker, fine point
- Other hand-held tools, as needed
- Proper labels
  - Used batteries, lamps WAC 173-303-573 stickers
- Containers, such as: Drums, Boxes (wood, fiberboard), Plastic buckets (2 1/2 gallon or bigger)
- Poly bags (minimum 4 mil liners), as needed.
- Universal Polypropylene (UPP), or equivalent, as needed.
- Scotch tape
- Clear packing tape
- Electrical tape
- Duct tape
- Plastic bags.
- Shipping documents.
4.2 Performance Documents

The following documents may be needed to perform this procedure:

- TO-100-052, Perform Waste Generation, Segregation, Accumulation and Clean-up
- TO-100-010, Waste Container Operations
- TFC-OPS-WM-C-26, Universal Waste and Recycling Area Set up, Maintenance and Handling
- Radiological Evaluation For Release (A-6004-227)
- Tank Farm Inventory Sheet (A-6002-936)
- Tank Farm Container Request (A-6002-935)
- Universal Waste Battery Area Checklist (A-6005-898) current revision
- Generator Certification form (A-6003-117)
- Spent Antifreeze – CCRC Certification (A-6006-647)
- Used Oil - CCRC Certification (A-6006-652).
5.0 PROCEDURE

5.1 Spills or Emergencies

NOTE - SWIM is the universal acronym for Stop, Warn others, Isolate the area, Minimize exposure.

Reporting Spills

5.1.1 IMMEDIATELY REPORT all spills and leaks of hazardous waste or hazardous materials to Supervisor and Shift Manager.

5.1.2 IMPLEMENT SWIM.

Emergencies

5.1.3 STOP work.

5.1.4 CALL 911 or (509) 373-0911 by cell phone AND NOTIFY the following:

- FWS/FLM
- Waste Technical Services
- Facility POC
- Waste Operations Management.
- Dispatch
- Central Shift Office.
5.2 Universal Waste Batteries Pickup

NOTE - This section describes WSO handling and management process for the UW Battery Accumulation Areas located at designated Tank Farm Operation Contractor facilities to ensure compliance with WAC-173-303 and HNF-57277. This process includes collection, accumulation, segregation, packaging and shipment of UW batteries to 616 and shipment to CCRC. Battery types include, but are not limited to, nickel metal hydride (NiMH), alkaline, zinc carbon, zinc chloride, lithium, wet nickel cadmium and dry nickel cadmium.

- Prepare containers and packaging containers for shipment to CCRC.
- Leaking and/or corroded lithium or wet batteries are prohibited from recycling.
- Lead acid batteries are addressed in 5.10 and are not picked up from Battery Accumulation Areas.
- Steps 5.2.3 through 5.2.7 may be performed in any logical order.

5.2.1 MAINTAIN UW Battery Accumulation Area List, including the following:
- Locations
- Point of Contact (POC).

5.2.2 SCHEDULE a Shipper to accompany the Waste Services Nuclear Chemical Operators on battery retrieval.

5.2.3 SEGREGATE batteries according to variety/type (e.g., lithium, alkaline, and others).

5.2.4 VERIFY battery contacts are protected from short circuiting with scotch tape or plastic bags for lithium batteries.

5.2.5 ENSURE the plastic bag is marked with “Start/First In” date, location and number of batteries before placing it in the transport container.

NOTE - Transport containers are typically 2 ½ gallon plastic buckets with plastic bag.

5.2.6 PLACE removed batteries into transport containers.

5.2.7 ENSURE all containers at the accumulation area are empty or documented on the current revision of Universal Waste Battery Area Checklist (A-6005-898).
5.1 Spills or Emergencies (Cont.)

5.2.8 IF accumulation containers are empty,

_____ 5.2.8.1 PLACE a new “Used Battery” label on container.

_____ 5.2.8.2 ENTER the current date on the “Start/First-In Date” Line.

_____ 5.2.9 DOCUMENT pickup on Universal Waste Battery Area Checklist (A-6005-898) for each location.

_____ 5.2.10 TRANSPORT batteries to 616.

_____ 5.2.11 SUBMIT completed Universal Waste Battery Area Checklist (A-6005-898) to the FWS/FLM.

5.3 Universal Waste Batteries Processing

_____ 5.3.1 COMPLETE a Container Request Form (A-6002-935) if needed.

_____ 5.3.2 LABEL accumulation containers with supplied labels per Marking and Labeling Instructions.

_____ 5.3.3 SEPARATE batteries into individual waste streams.

_____ 5.3.4 ENSURE the lithium ion and lithium metal batteries inventory contains the following:

- Manufacturer’s name
- Kind/type of battery
- Model numbers.

_____ 5.3.5 INVENTORY batteries and document on one or both of the following:

- Inventory Sheet (A-6002-936)

_____ 5.3.6 WEIGH each individual bag of batteries.

_____ 5.3.7 RECORD the following information on each bag:

- Bag Number
- Start Date
- Weight
- Pickup Location.
5.3 Universal Waste Batteries Processing (Cont.)

_____ 5.3.8 COMPLETE Process Knowledge portion of Radiological Evaluation for Release Site Form (A-6004-227).

_____ 5.3.8.1 IF applicable, request 616 Health Physics Technicians COMPLETE Rad Con Evaluation portion of the Radiological Evaluation for Release Form (A-6004-227).

NOTE - FLM/FWS/Facility Representative can sign for Facility Representative.

_____ 5.3.8.2 OBTAIN Facility Representative Signature.

_____ 5.3.8.3 ENSURE form is completed.

5.3.9 PLACE battery bags in appropriate accumulation containers.

_____ 5.3.9.1 ENSURE earliest start date is updated on the container.

_____ 5.3.9.2 IF start date changed, NOTIFY dispatch.

5.3.10 WHEN accumulation containers are full OR nine months after the “Start/First-in” date, PREPARE the containers for shipping.

_____ 5.3.10.1 COMPLETE Generator Certification.

_____ 5.3.10.2 WEIGH container.

_____ 5.3.10.3 UPDATE SWITS with oldest applicable date.

_____ 5.3.10.4 COMPLETE SWITS.

_____ 5.3.11 ENSURE the following information has been placed on the top and on one side of the container per CCRC requirements:

- Battery Type
- CIN/PIN number
- Gross weight in pounds.

_____ 5.3.12 CLOSE OUT PIN file once container is shipped (TO-100-010).
5.4 Universal Waste Lamps Acceptance

NOTE - This section describes handling the UW lamps at designated Tank Farm Operations Contract facilities to ensure compliance with WAC-173-303 and HNF-57277. This process includes collection, accumulation, segregation, and packaging of lamps at the 616 Facility and shipment to CCRC. Acceptable UW lamp types (intact or unintentionally broken) are, but not limited to, neon, fluorescent, incandescent, mercury (high and low pressure), and intact only, sodium (high and low-pressure), and mercury HID lamps.

- Lamps not packaged in compliance with TFC-OPS-WM-C-26 section 4.3 cannot be accepted. The generator may make the package compliant prior to leaving or take package back with them, fix the issue, and return it the next available day.

- Cracked and/or broken sodium lamps (high/low pressure) and mercury HID are not accepted at CCRC. Waste Technical Service may be contacted for assistance in managing these items.

5.4.1 REVIEW Radiological Evaluation for Release Site Form (A-6004-227) for
   • Prohibited items
   • Correct inventory
   • Completed and Signed.

5.4.2 REVIEW lamp box Start/First-in Date label (WAC 173-303).

5.5 Universal Waste Lamps Processing

5.5.1 COMPLETE Container Request Form (A-6002-935).

5.5.2 LABEL accumulation containers with supplied labels per marking and labeling instructions.

5.5.3 SEGREGATE lamps according to variety/type (e.g., fluorescent, incandescent, sodium, etc.).

5.5.4 INVENTORY lamps AND RECORD the lamp type on Inventory Sheet (A-6002-936).

5.5.4.1 ENSURE earliest start date is updated on the container.

5.5.4.2 IF start date changed, NOTIFY dispatch.
5.5 Universal Waste Lamps Processing (Cont.)

_____ 5.5.5 WHEN accumulation containers are full OR nine months after the “Start/First-in” date, PREPARE the containers for shipping.

_____ 5.5.5.1 COMPLETE Generator Certification.

_____ 5.5.5.2 WEIGH container.

_____ 5.5.5.3 TURN IN file to dispatch.

Note - Fluorescent lamps containers require marking on one end only for 4 foot and 8 foot fluorescent lamps containers.

- Steps 5.5.6 through 5.5.7 are applicable to fluorescent lamps only.

_____ 5.5.6 LABEL or MARK each container on one end with the following;
   • Lamp Type
   • Universal Waste Sticker
   • PIN number
   • Gross weight in pounds.

_____ 5.5.7 ENSURE labels on containers are visible and legible.

_____ 5.5.8 WHEN accumulation containers are full or nine months after the “Start/First-in” date, PREPARE the containers for shipping.

_____ 5.5.8.1 WRAP pallet (fluorescent lamps) with plastic wrap.

_____ 5.5.8.2 COMPLETE generator certification.

_____ 5.5.8.3 WEIGH completed container.
5.6 Non-PCB Electrical Ballasts or Capacitors Acceptance

Note - Waste Technical Service may be contacted for assistance in managing these items if they do not meet criteria.

_____ 5.6.1 REVIEW Radiological Evaluation for Release Site Form (A-6004-227) for
  • Prohibited items
  • Correct inventory
  • Completed and Signed.

_____ 5.6.2 VERIFY ballasts meet the following criteria;
  • Manufactured after 1978
  • Marked “Non-PCB” or “No-PCBs”.

5.7 Non-PCB Electrical Ballasts or Capacitors Processing

_____ 5.7.1 COMPLETE a Container Request Form (A-6002-935) if a new container is needed.

_____ 5.7.2 ENSURE container is closed at all times unless adding waste.

_____ 5.7.3 INVENTORY Non-PCB ballasts/capacitors and document on Inventory Sheet (A-6002-936).

_____ 5.7.4 PLACE Non-PCB Ballasts/Capacitors in plastic bags.

_____ 5.7.5 WEIGH each individual bag of ballasts/capacitors.

_____ 5.7.6 RECORD the following information on each bag:
  • Bag Number
  • Weight
  • Pickup Location.

_____ 5.7.7 COMPLETE Process Knowledge portion of Radiological Evaluation for Release Site Form (A-6004-227).

_____ 5.7.7.1 IF applicable, request 616 Health Physics Technicians COMPLETE Rad Con Evaluation portion of the Radiological Evaluation for Release Form (A-6004-227).
5.7 Non-PCB Electrical Ballasts or Capacitors Processing (Cont.)

Note - The following steps are for full container closeout.

_____ 5.7.8 WHEN accumulation containers are full, PREPARE the containers for shipping.

_____ 5.7.8.1 COMPLETE Generator Certification.

_____ 5.7.8.2 WEIGH container.

_____ 5.7.8.3 COMPLETE SWITS.

_____ 5.7.9 ENSURE the following information has been placed on the top and on one side of the container per CCRC requirements:

- CIN/PIN number
- Gross weight in pounds.

_____ 5.7.10 CLOSE OUT PIN file once container is shipped (TO-100-010).
5.8 Mercury Containing Equipment

Note - MCE types are but not limited to electrical switches/relays, thermostats, aqua stats, pressure stats, thermometers, gas pilot light sensors, barometers, manometers, thermometers, vacuum gauges, or pressure gauges.

- Broken MCE items are not acceptable for recycle. Waste Technical Services should be contacted for assistance on managing these items.

____ 5.8.1 CREATE PIN file once generator has submitted Container Request form (A-6002-935) for MCE.

____ 5.8.2 PREPARE empty container and labels as directed by Waste Technical services recycling representative.

____ 5.8.3 DELIVER empty container and labels to generator.

____ 5.8.4 PREPARE any labels necessary to ship container from field location to 616 UW Mercury Accumulation area.

____ 5.8.5 CONFIRM generator has submitted the following required forms with waste or returned Container Request form:
  - Generator Certification form (A-6003-117)
  - Tank Farm Waste Inventory sheet (A-6002-936)

____ 5.8.6 NOTIFY FWS/FLM if required forms have not been completed by generator.

____ 5.8.7 SHIP container from field location to 616 UW Mercury Accumulation area.

____ 5.8.8 WEIGH and RECORD completed container in pounds (lbs) on shipping label.

____ 5.8.9 WEIGH and RECORD completed container in kilograms (kgs) on shipping label and Checklist 1 of TO-100-010.

____ 5.8.10 CHANGE LOCATION of container in PIN file on the Container Tracking form.

____ 5.8.11 COMPLETE PIN file and return to dispatch for SWITS entry.

____ 5.8.12 CLOSE OUT PIN file once container is shipped for recycle.
5.9 Used Oil and Spent Antifreeze

5.9.1 CREATE PIN file once generator has submitted Container Request form (A-6002-935) for Used Oil or Spent Antifreeze.

5.9.2 PREPARE empty container and labels as directed by Waste Technical services recycling representative.

5.9.3 DELIVER the following to generator:
   - Empty container
   - Spill pallet(s) as required.
   - Labels.

5.9.4 PREPARE any labels necessary to ship container from field location to 616 Used Oil and Spent Antifreeze. Accumulation area.

5.9.5 CONFIRM generator has submitted the following required forms with waste or returned Container Request form:
   - Generator Certification form (A-6003-117)
   - Used Oil - CCRC Certification form (A-6006-652) as appropriate
   - Spent Antifreeze – CCRC Certification of Spent Antifreeze (A-6006-647) as appropriate
   - Tank Farm Waste Inventory sheet (A-6002-936)

5.9.6 NOTIFY FWS/FLM if required forms have not been completed by generator.

5.9.7 SHIP container from field location to 616 Used Oil or Propylene Glycol Accumulation area.

5.9.8 WEIGH completed container (Kgs.).

5.9.8.1 RECORD on Checklist 1 of procedure TO-100-010.

5.9.9 CHANGE location of container in PIN file on the Container Tracking form.

5.9.10 COMPLETE PIN file and return to dispatch for SWITS entry.

5.9.11 SCHEDULE pump truck to empty waste containers.

5.9.12 CLOSE OUT PIN file once containers are emptied.
5.10 Lead Acid Batteries Acceptance

Note - Leaking or cracked batteries, bulging batteries, such as batteries with indications that they may be pressurized, oil filled batteries, drained battery carcasses, aluminum or Absolyte® batteries are prohibited from recycling.

_____ 5.10.1 VERIFY generator submits a Completed Radiological Evaluation for Release form (A-6004-227).

_____ 5.10.2 ENSURE battery contacts have electrical tape prior to placing in accumulation container.

_____ 5.10.3 ENSURE caps are secure/closed to prevent spilling on batteries that contain liquid.

5.11 Lead Acid Batteries Process

_____ 5.11.1 SEGREGATE spillable and non-spillable batteries (i.e. Gel-Type, Sulfuric Acid).

_____ 5.11.2 COMPLETE a Container Request Form (A-6002-935) if a new container is needed.

_____ 5.11.3 INVENTORY AND RECORD Lead Acid batteries on Inventory sheet (A-6002-936) to include manufacturer’s name and model number.

_____ 5.11.4 WEIGH each individual battery.

_____ 5.11.5 RECORD the following information on each battery:
   • Item Number (corresponding to inventory sheet)
   • Weight
   • Pickup Location.

_____ 5.11.6 COMPLETE Process Knowledge portion of Radiological Evaluation for Release Site Form (A-6004-227).

      _____ 5.11.6.1 IF applicable, request 616 Health Physics Technicians COMPLETE Rad Con Evaluation portion of the Radiological Evaluation for Release Form (A-6004-227).

_____ 5.11.7 PLACE battery in appropriate accumulation container (wood box).
5.11 Lead Acid Batteries Process (Cont.)

____ 5.11.8  WHEN accumulation containers are full, PREPARE the containers for shipping.

____ 5.11.8.1  COMPLETE Generator Certification.

____ 5.11.8.2  WEIGH container.

____ 5.11.8.3  COMPLETE SWITS.

____ 5.11.9  ENSURE the following information has been placed on the top and on one side of the container per CCRC requirements:

- CIN/PIN number
- Gross weight in pounds and kgs.
- Recycle Label

____ 5.11.10  CLOSE OUT PIN file once container is shipped (TO-100-010).
5.12 Records

NOTE - WTS organization is responsible for record retention and retirement in accordance with TFC-BSM-IRM_DC-C-02.

- General record keeping practices must include entries, which are clearly and neatly written in English using black ink, mistakes or deletions are one lined, initialed, and dated.

5.12.1 **PERFORM** the following for records identified within this procedure.

5.12.1.1 **RECORD** the number of times the record was generated in applicable column

**OR**

**PLACE** a check mark (✓) in the N/A column.

5.12.1.2 **SUBMIT** the package for verification of completed records.

<table>
<thead>
<tr>
<th>Records Submittal Checklist</th>
<th>Number of times completed</th>
<th>N/A (✓)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FORMS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A-6004-227, Radiological Evaluation For Release</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A-6002-936, Tank Farm Waste Inventory Sheet</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A-6005-898, Universal Waste Battery Area Checklist</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A-6002-935, Tank Farm Container Request (for new containers)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A-6006-652, Used Oil - CCRC Certification</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A-6006-647, Spent Antifreeze – CCRC Certification</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A-6003-117, Generator Certification</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SEND** the completed records with Records Submittal Checklist attached to the WTS Records custodian for records retention.

Signature / Print (First and Last) / Date

The record custodian identified in the company-level Record Inventory and Disposition Schedule (RIDS), is responsible for record retention in accordance with TFC-BSM-IRM_DC-C-02.
Table 1 - Waste Segregation

For additional guidance, CONTACT WTS.

<table>
<thead>
<tr>
<th>Class or Division</th>
<th>Notes</th>
<th>2.1</th>
<th>2.2</th>
<th>2.3 Gas Zone A</th>
<th>2.3 Gas Zone B</th>
<th>3</th>
<th>4.1</th>
<th>4.2</th>
<th>4.3</th>
<th>5.1</th>
<th>5.2</th>
<th>6.1 Liquids PG I Zone A</th>
<th>7</th>
<th>8 Liquids Only</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammable gases</td>
<td>2.1</td>
<td>X</td>
<td>O</td>
<td></td>
<td></td>
<td>3</td>
<td>4.1</td>
<td>4.2</td>
<td>4.3</td>
<td>5.1</td>
<td>5.2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-toxic, non-flammable gases</td>
<td>2.2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Poisonous gas Zone A</td>
<td>2.3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Poisonous gas Zone B</td>
<td>2.3</td>
<td>O</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>O</td>
</tr>
<tr>
<td>Flammable liquids</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td>O</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>O</td>
</tr>
<tr>
<td>Flammable solids</td>
<td>4.1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>O</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>O</td>
</tr>
<tr>
<td>Spontaneously combustible materials</td>
<td>4.2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td>O</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Dangerous when wet materials</td>
<td>4.3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>O</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>O</td>
</tr>
<tr>
<td>Oxidizers</td>
<td>5.1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td>O</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>O</td>
</tr>
<tr>
<td>Organic peroxides</td>
<td>5.2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>O</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>O</td>
</tr>
<tr>
<td>Poisonous liquids PG I Zone A</td>
<td>6.1</td>
<td>O</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Radioactive materials</td>
<td>7</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>O</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corrosive liquids</td>
<td>8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td>O</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>O</td>
</tr>
</tbody>
</table>

Blank Space = No Restrictions
X = Materials may not be loaded or transported together in the same vehicle. Materials may not be stored together in the same room.
O = Materials may be loaded, transported, and stored together but must be separated so that comingling of materials will not occur.