



## 8.20.1 C-A Hazardous Waste Trailer (HWT) (90-Day Accumulation Area)

### 1. Purpose

To provide trained C-A personnel with instructions on the collection, 90-day accumulation, management and disposal of small quantities of hazardous waste which is received from the points of generation at the various buildings in the C-A complex. Refer to SMBS Subject Area [“Establishing a Satellite Accumulation Area”](#); [“Operating a Satellite Accumulation Area”](#); [“Completion of Nonradioactive Hazardous Waste Control Form and Process Knowledge Certification Forms”](#).

### 2. Responsibilities

- 2.1 Water Systems Group (WSG), Storage Area Manager, and the Environmental Coordinator, shall maintain records, inspect, and control access to the C-A Hazardous Waste Collection Station located at the Hazardous Waste Trailer (HWT) located near Bldg. 928.
- 2.2 Hazardous Waste Generators shall bring appropriate waste for accumulation to the HWT and file appropriate records for disposition of Hazardous Waste.
- 2.3 The WSG Storage Area Manager, or Environmental Coordinator, shall inspect the HWT weekly to meet WMD directives on 90-day accumulation areas using the inspection form in SBMS Subject Area 90-Day Accumulation Area Weekly Inspection Checklist.
- 2.4 Environmental Coordinator shall review and update [“90-Day Area Contingency Plan”](#), C-A-OPM-ATT 8.20.1.b.

### 3. Prerequisites

- 3.1 Hazardous Waste generators shall fill out required waste forms, and attach labels as required. SBMS Subject Areas [“Hazardous Waste Management”](#), [“Mixed Waste Management”](#), [“Oil/PCB Management”](#), show the current forms and labels required. Contact Hazardous Waste Management (x3272) or C-A Environmental Coordinator (x7250/pager 631-453-5901) for any required forms or labels.
- 3.2 WSG personnel shall be trained in this procedure as per SBMS Subject Area Requirements.
- 3.3 All transfers to trailer are according to SBMS Subject Area [“Transfer of Hazardous Materials Onsite”](#) and in a lab vehicle.

#### **4. Precautions**

- 4.1 No radioactive materials are to be brought to the HWT.
- 4.2 All oil-filled electrical devices must be labeled with a blue/white tag if they do not contain PCBs; or a yellow PCB label if they contain PCBs.
- 4.3 All fluids (liquids and gases) must have a hazardous waste sticker, with all information filled out correctly, refer to SBMS Subject Area for proper labels.
- 4.4 Generators shall follow [C-A-OPM 8.20](#) in packaging and labeling waste prior to delivery to the HWT.
- 4.5 The HWT has two sections.
  - 4.5.1 The left side of the HWT is reserved for the following materials:
    - aerosol cans
    - small PCB equipment
    - mercury
    - small batteries (non-lead acid)
    - chemicals
    - lead
  - 4.5.2 The right side of the HWT is reserved for the following materials:
    - solvents
    - mixed oils
    - transformer oil
    - vacuum oil
    - lubrication oil
    - hydraulic oil
    - freon
    - oily rags, stay dries, absorbants
  - 4.5.3 The HWT has a two-part sump basin each of which can hold approximately 150 gallons.
- 4.6 From November 1<sup>st</sup> to March 15<sup>th</sup> of each year, liquid chemicals shall be processed from satellite storage areas, not HWT. HWT is not heated.

#### **5. Procedure**

- 5.1 Before disposal at the HWT, each generator shall fill out and sign form BNL F2974C, process knowledge form if required, and waste label for each type of waste.
- 5.2 The C-A Environmental Coordinator will issue any non-stock labels for

application by the generator to the waste container prior to delivery to the HWT.

- 5.3 The generator shall then contact the WSG Storage Area Manager at ext. 4666, 4668 or Page 4271 to gain access to the HWT.
- 5.4 Transfer of Chemicals adheres to "[Transfer of Hazardous Materials Onsite](#)" Subject Area.
- 5.5 The WSG Storage Area Manager shall inspect waste for proper labeling and enter data into the HWT log located in green building across from Bldg. 928.
  - 5.5.1 The WSG Storage Area Manager shall retain a copy of the generator's BNL F2974C form and place it in the "Open Forms" log.
- 5.6 The WSG Storage Area Manager will then open the appropriate HWT door and will place the container properly in the HWT in secondary containment.
- 5.7 When any PCB items are placed in the HWT, a Large PCB sticker shall be attached to the outside of the HWT door, and the Fire/Rescue Captain (x2350) shall be informed.

When all PCB materials have been removed from the HWT, the sign shall be removed and the Fire/Rescue Captain shall be informed.

**Note:**

PCBs can be stored at HWT for a maximum of 30 days only.

- 5.8 All material removed from the HWT shall be accomplished by WMD Group personnel.
- 5.9 The WSG Storage Area Manager shall take all forms relating to removed waste and place them in the "closed form" log.
- 5.10 The HWT shall be inspected weekly by the WSG Storage Area Manager, or the C-A Environmental Coordinator, who shall fill out the "[90-day Accumulation Area Weekly Inspection Checklist](#)" as shown in [SBMS Subject Area](#).
- 5.11 If a **SPILL** is detected in the HWT, the WSG Storage Area Manager shall call Fire/Security (ext. 2222 or 911), the MCR during machine operations, and the ESHQ Division Head (ext 5272, pager 4820).
- 5.12 If a fire occurs at the HWT, the WSG Storage Area Manager shall call Fire/Rescue (x2222 or 911), and pull the fire alarm in green building. WSG Storage Area Manager shall then call the MCR, and the ESHQ Division Head (ext. 5272, pager 4820).

## 6. **Documentation**

- 6.1 Generator completed BNL F2974C forms and labels (see SBMS Subject Area for forms).
- 6.2 WSG Storage Area Manager completed Log Book in Building outside Bldg. 928.
- 6.3 WSG Storage Area Manager completed forms BNL F2974C "Open and Closed" logs.
- 6.4 The WSG Storage Area Manager, or Environmental Coordinator, completed weekly 90-day Accumulation Area Inspection Forms.

## 7. **References**

- 7.1 [SBMS Subject Area "Hazardous Waste Management"](#).
- 7.2 [C-A-OPM 8.20 "Procedure for Handling and Disposal of Hazardous Waste"](#).
- 7.3 [SBMS Subject Area "Transfer of Hazardous Materials Onsite"](#).

## 8. **Attachments**

- 8.1 [C-A-OPM-ATT 8.20.1.a "Satellite Accumulation Area Monthly Inspection Form"](#).
- 8.2 [SBMS 90-Day Accumulation Area Weekly Inspection Checklist](#).
- 8.3 [C-A-OPM-ATT 8.20.1.b "90-Day Waste Storage Area Contingency Plan"](#).