

This document combines the requirements of the former Waste Inventory Sheets, the Site Specific Spill Plan and the new requirement for Hazardous Waste Handling Plan and combines them into one shop specific document.

S-A-M-P-L-E

SITE SPECIFIC ENVIRONMENTAL PLAN

I. GENERAL INFORMATION

SHOP: HAZMART (ORG: 28 LSS)

CONTACT: MSGT ??????? **PHONE:** 5-???? **BLDG:** 1911, 1914
TSGT ??????? 5-????

SHOP WORK DESCRIPTION AND MISSION:

Hazardous materiel warehouse, industrial recycling center, and centralized 90-day accumulation point. Facilities include: three bays for warehousing new corrosive and flammable products, inside 90-day nonflammable accumulation point, antifreeze recyclers, solvent distillation still, drum rinsers, oil skimmer, aerosol can puncturers, light bulb crusher, and drum crusher.

POTENTIAL SOURCES OF CHEMICAL DISCHARGE TO WASTE WATER TREATMENT PLANT:

FLOOR DRAINS: N **SINKS:** Y **BLDG INDUSTRIAL DRAINS:** N
BLDG SERVICED BY AN OIL/WATER SEPARATOR: Y

(Drum Triple Rinse Machine has oil/water separator for that specific tasking and processing Fuel Water Bottoms only)

WASTESTREAM FLOW RATES (gallons/day) TO THE WASTE WATER TREATMENT PLANT:

AVERAGE DAILY: 300 **MAX. DAILY:** 2,000

DESCRIPTION OF OPERATION AND PRETREATMENT/COMMENTS:

This facility produces three waste streams that consists of water recovered from drum rinsing, water from fuel water bottoms processed through oil/water separator and carbon filters, and excess process water from antifreeze recycling. The drum-rinsing machine is a self-contained unit with separate wash and rinse tanks, attached to an oil/water separator, carbon filters, and the sanitary sewer system. The oil/water separator collects the oil into a 55-gallon drum and is placed in the oil recovery program. All drums are emptied and drained of their contents to the maximum extent possible prior to rinsing. We take different steps depending upon what drums we are rinsing.

They are as follows:

- (1) Water from rinsing oil drums is run through the oil/water separator before releasing to the sanitary sewer system.
- (2) If the drums are fuel drums, we run the process water through the oil/water separator and then the carbon filters prior to releasing to the sanitary sewer system.

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- (3) If the drums are solvent drums, we run the process water through the carbon filters prior to releasing to the sanitary sewer system.
- (4) If the drums are antifreeze drums, we pump the rinse water into drums to process through the antifreeze reclaimers.
- (5) If the drums are soap drums (simple green, etc.) we pump the process water into the sanitary sewer system.
- (6) Water from rinsing drums of unknowns is collected in 55 -gallon drums and held for testing. The test results dictate if this water is released to the sanitary sewer system or disposed through HAZMART.

Processing fuel water bottoms requires the water to be run through the oil/water separator, carbon filters and then the sanitary sewer system. Excess water from antifreeze recycling is checked for pH. If the pH of the water is between 6 and 9, it is pumped into the sink and released to the sanitary sewer system.

II. POTENTIAL SPILL SITE DETAILS

DESCRIPTION OF AND DISTANCE TO SIGNIFICANT ENVIRONMENTAL SURROUNDINGS WHICH NEED TO BE PROTECTED:

Building 1911 is located approximately 65 feet from a soil/vegetation area on the east side. Two storm water drains are located approximately 60 feet away on the west side.

Building 1914 is located approximately 25 feet to the south from building 1911 and approximately 65 feet from a soil/vegetation area on the east side. One storm drain is located approximately 85 feet away on the west side.

LOCATION AND DESCRIPTION OF CHEMICAL STORAGE AREAS:

See attached drawing.

SOURCES OF MOST PROBABLE SPILL(S):

Loading/unloading and movement of material to and from building.

MAXIMUM ANTICIPATED SPILL(S) AND FLOW DIRECTION:

The maximum quantity moved at one time is four 55 -gallon drums per pallet. Most movement occurs on the east side and could reach the soil/vegetation area. A spill on the west side could enter the storm water drains.

PRESENT SPILL CONTAINING FACILITIES:

The three new product bays and inside nonflammable 90 -day accumulation point have four -inch concrete curb secondary containment. In addition, 55 -gallon drums stored in these areas are placed on spill grids/pallets. The recycling center portion of the building has no permanent type secondary containment. Containers used in this area are placed on spill grids or in secondary containment over packs.

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CHEMICAL INVENTORY:

Chemical	NSN	Max Stored	Max Annual Use	Type/Size Container	CAT	Disposal
Molybdenum, lube oil	9150-00-543-7220	1	1	1 lb can	II	In Process
Lube Oil	9150-01-370-2583	2	4	5 gal drum	II	In Process
10W-30	9150-01-227-8210	2	4	1 qt Plastic	II	UO-5

III. SPILL RESPONSE PROCEDURES

1. If a spill occurs, use telephone if available and call 5 -4727 inside the Hazmart, or use radio and call “haz control” and evacuate the area.
2. Put on necessary personal protective equipment. (Do not begin containment/clean -up without it).
3. Eliminate spill source and contain spill.
4. Immediately notify the base fire dept., ext. 117.
5. Use attached spill-reporting procedures according to spill type.
6. Stay on scene to give assistance when emergency response team arrives. If not needed, stay out of the way. Remain available to answer questions that may occur.

*INVENTORY OF PERSONAL PROTECTIVE EQUIPMENT LOCATED IN SPILL CONTAINMENT KITS.

IV. SPILL RESPONSE SUPPLIES

TWO (2)

AGGRESSIVE SPILL KIT #8

WAREHOUSE O2C

3” X 4’ SOCK-4 EA.

3” X 10’ SOCK-2 EA.

5” X 10’ SOCK-1 EA.

DISPOSAL BAGS-8 EA.

RUBBER GLOVES 1 PR

PULP - 5 lb-1 BAG

RUBBER APRON-1 EA.

FACE SHIELD-1 EA.

NON AGGRESSIVE SPILL KITS # 3 & 9

WAREHOUSE O2L

3’ X 4’ SOCK-4 EA.

3” X 10’ SOCK-2 EA.

17” X 21” PILLOWS-8 EA.

MATS-30 EA.

KEM TEX WIPES-20 EA.

DISPOSAL BAGS-10 EA.

RUBBER APRON-1 EA.

RUBBER GLOVES-1 PR

Note: each truck has a two-way radio, non-sparking shovel, and an emergency response guidebook.

ADDITIONAL EQUIPMENT:

ABSORBENT ROLL 33” X 150” - 1 ROLL NON SPARKING SHOVEL-2 EA.

SPILL BLOCKERS - 4 EA. DRAIN BLOCKERS 18” X 18”-1 EA

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V. WASTE DISPOSAL INFORMATION

All shops must assign consecutive accumulation point numbers to all waste accumulation points under their control. The number shall be followed by a descriptive symbol for the waste type as described below:

- #-HW to describe a hazardous waste satellite accumulation point
- #-UW for Universal Waste Accumulation Point (fluorescent bulbs, batteries, & thermostats)
- #-NR for Non-RCRA Waste Accumulation Points (empty barcoded containers, used antifreeze)
- #-AW for Asbestos Brake Pad Accumulation Points
- #-UO for Used Oil Accumulation Points
- #-SC for Scrap Metal Accumulation Points (including lead seals)

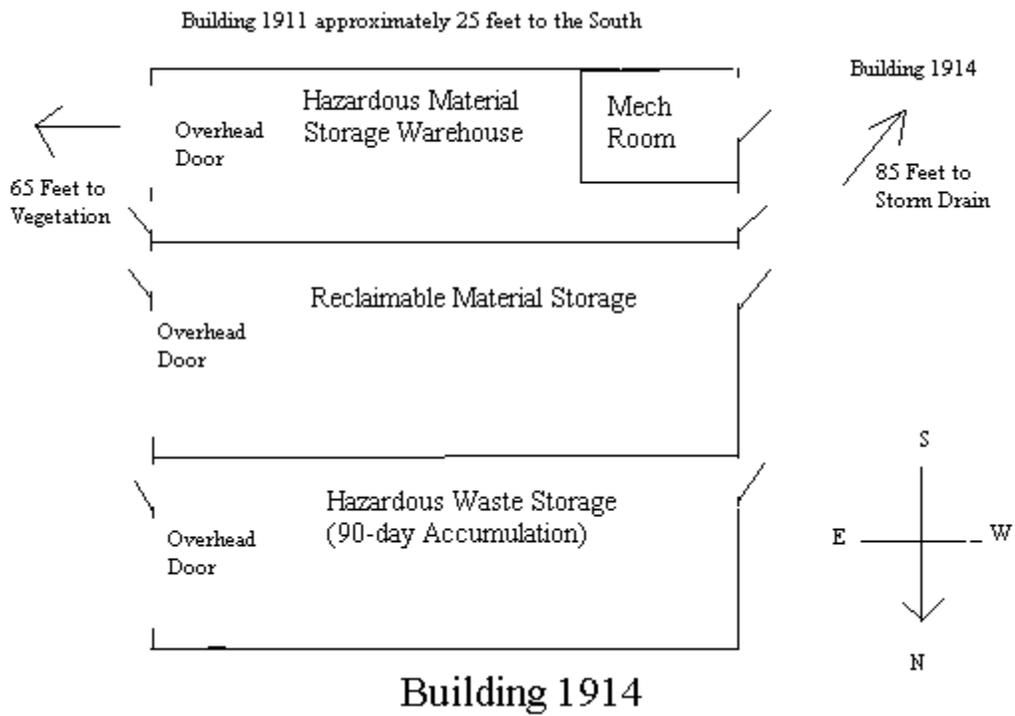
Once the numbers have been assigned, shop personnel must update the signs/labels at each accumulation point

The accumulation point number should be used when filling in the “#” and “Waste Type” columns in the *Waste Information* table (below) and the “Disposal Method” column in the *Chemical Inventory* table. An example of the data needed to fill out the Waste Information table has been provided.

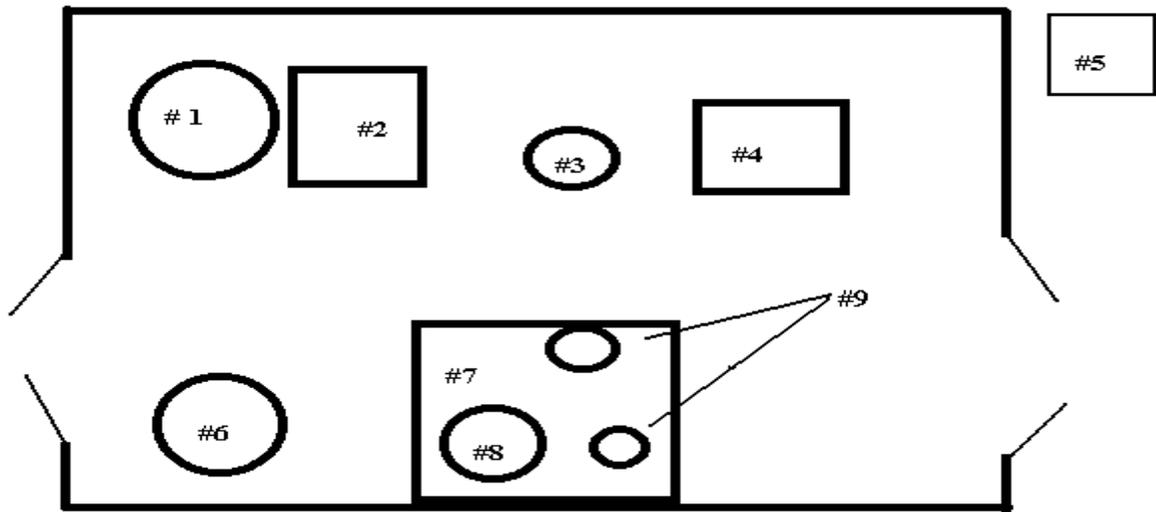
Waste Information Table

#	Waste Type	Description of Waste	EPA Waste Codes	Sample # and Date	Sample Renewal Due Date
1	HW	Chem Wipes - General Cleaning	D008	CEV-847 6/02	June, 2005

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LEGEND

- 1. Still Tank**
- 2. Control Unit**
- 3. Recovery Drum**
- 4. Jet Vac**
- 5. Condenser**
- 6. Waste Collection Drum**
- 7. Spill Pallet**
- 8. New Breakthrough**
- 9. Delivery Drums. (Swapping Out)**