



Work Instructions

DIRECTIVE NO. 205.W-WI-8870.Y.3
EFFECTIVE DATE: May 01, 2001
EXPIRATION DATE: N/A

APPROVED BY: _____
NAME: William B. Bott
TITLE: Environmental Group Lead

Responsible Office: 205.2/Environmental Office

Title: Discharging Storm Water from Emergency Containment Areas

P1. PURPOSE

This Work Instruction (WI) addresses the discharge of storm water from the emergency containment of oil storage areas, as required for compliance with Federal and State regulations.

P2. SCOPE

This WI applies to any Wallops Flight Facility aboveground oil storage tank equipped with a valved emergency containment. Currently, this WI is exclusively for the D-9A and D-9B tanks. These procedures shall be performed by the user/owner with coordination through the Environmental Office.

P3. DEFINITIONS

Not Applicable.

P4. RECORDS, REPORTS AND FORMS

The following logbooks can be incorporated with the Maintenance/Inspection Logbook as described in 205.W WI-8870.Y.2, Maintenance/Inspection of Oil Storage Systems.

- Log of Storm Water Discharges from the D-9A and D-9B Emergency Containment Area

P5. SAFETY PRECAUTIONS AND WARNING NOTES

After rainfall events:

- 5.1 Check the containment area for oil spill, sheen, leaves, or debris.
- 5.2 If there is a sheen or evidence of a spill, ensure that the containment area release valve is locked in the closed position and follow the procedures described in 205.W-WI-1040.Y.8, Removal of Contained Oil Spill/Sheen.
- 5.3 Remove leaves or debris, if present.

P6. REFERENCES

Spill Prevention, Control, and Countermeasures Plan (SPCC), 40 CFR 112 and Virginia Administrative Code 9 VAC 25-91-170.

DIRECTIVE NO. 205.W-WI-8870.Y.3
EFFECTIVE DATE: May 01, 2001
EXPIRATION DATE: N/A

P7. TOOLS, EQUIPMENT, AND MATERIALS

Emergency containment drainage valve key

P8. INSTRUCTIONS

- 8.1 Record in the Log of Storm Water Discharges from the Emergency Containment Area:
- Date
 - Name of the operator supervising the discharge
 - Quality of discharge
 - Quantity of discharge
 - Corrective actions taken to remove any oil spills, sheen, leaves, and/or debris prior to discharge.

D-9A and D-9B Quantity of discharge is calculated by:

$$21,407 \text{ gallon/feet} \times \text{water depth (feet)} = \text{_____ gallons}$$

Log of Storm Water Discharges from the D-9A and D-9B Emergency Containment Area shall be maintained at all times in Building D-8 and be made available for state inspection.

- 8.2 Discharge of oil or oil contaminated water is not permitted. Therefore, all discharges shall be “clean” after the corrective actions to remove oil spill or sheen are taken.
- 8.3 Using the emergency containment drainage valve key, unlock and open the emergency containment drainage valve in the storage tank area.
- 8.4 Drain the emergency containment area for the storage tanks.
- 8.5 If an oil spill occurs during drainage, immediately close the emergency containment drainage valve and then close the storm drain. Next, ensure your safety and the safety of your coworkers, then follow the procedures described in both 205.W-WI-1040.Y.5, Oil and Hazardous Substance Release Notification and in 205.W-WI-1040.Y.8, Removal of Contained Oil Spill/Sheen.
- 8.6 Once drainage is complete, close and lock the emergency containment drainage valve in the storage tank area. This valve must remain closed at all times except during a supervised discharge.

DIRECTIVE NO. 205.W-WI-8870.Y.3
EFFECTIVE DATE: May 01, 2001
EXPIRATION DATE: N/A

CHANGE HISTORY LOG

Revision	Effective Date	Description of Changes
<u>Baseline</u>		