

Spill Control & Response Plan

1. Purpose

- a. The purpose of this plan is to address an appropriate response to any possible spills which may occur at the MFSI facility at 801 NW 42nd St. including possible spills from vessels moored dockside.

2. Facility Description

See attached spill response facility map.

3. Types of Possible Spills

- A. Diesel fuel
 1. Equipment fueling
 2. Vessel fuel transfer
- B. Lube Oil
 1. Equipment oil changes/spill
 2. Transfer to vessels
- C. Hydraulic Oil
 1. Transfer to equipment
 2. Transfer to vessels
 3. Flushing of new or repaired hydraulic systems
 4. Leak from open system, broken hoses, broken fittings, broken pipes, or faulty equipment.
- D. Gasoline
 1. Equipment fueling
- E. Paint
 1. Spill from upset container

4. Spill Response/Cleanup Team

- A. The response team under supervision of the Safety Office shall respond to all spill emergencies.

5. Emergency Notification Procedures

- A. Any spill which enters or has a likelihood of entering Lake Union shall immediately be reported by telephone to:

National Response Center 1-800-424-8802

Washington Emergency Management Division	1-800-258-5990
U.S. Coast Guard	206- 217-6232
Harbor Patrol	206-684-4071
Department of Ecology	206-594-0000

- B. In the event of a spill from a vessel moored at MFSI facility, the person in charge of that vessel (master or chief engineer) shall be notified as well as local authorities and MFSI personnel.

6. Spill Response Contractors (in needed)

- A. National Response Center (NRC) Environmental Services 206-378-4100 or 1-877-880-4672

7. Training of Facility Personnel

- A. Training in spill response of fire team shall consist of plan orientation and periodic drills to be conducted by the Safety Officer.

8. Response Procedures (after emergency notification)

- A. Initial assessment shall be made by the Safety Officer as to the nature of the spill and the correct response.
- B. Shore/Pier side spills
 - 1. Spill shall be surrounded by sorbing boom and mopped up by sorbing pads and/or sorbing shred material.
 - 2. Sorbing boom shall protect catch basins and dock drains in the way of the spill.
- C. Vessel Spills
 - 1. Spills onto vessel decks shall be handled the same as shore side spills.
- D. Spills into Lake Union Inside Containment Boom
 - 1. Sorbing boom shall be used to contain spill in as little area as possible, facilitating cleanup using sorbing shred and sorbing pads.
- E. Spills into Lake Union Outside Containment Boom
 - 1. Sorbing pads and or spare containment boom shall be deployed by the skiff to contain the spill at which time cleanup shall proceed as in inside spill.

9. Response Scenario

- A. Worst Case Discharge
 - 1. From truck, gallonage contained in truck. In the case of such a spill, an outside contractor would be required to assist.

2. From vessel, gallonage of tank on vessel. In case of spill from a large tank, an outside contractor would be required to assist.
- B. Most Probable or Average Discharge
 1. Most spills occur from oil transfers and from equipment leakage. These are of a small size since operators able to secure equipment supervise such operations.
- C. Fire Hazards
 1. A spill of any combustible material may present a fire hazard. The Safety Office shall stop all hot work in the yard until it can be determined whether the work areas are safe.

10. Waste Disposal

- A. All waste oil and contaminated sorbing material shall be stored in the MFSI containment facility in approved containers and disposed of by a scheduled waste pick up contractor.
- B. All paint or other hazardous contaminated material shall be stored in the MFSI containment facility in approved containers and picked up by a hazardous materials contractor.

11. Worker Health and Safety

- A. For all personnel regularly required protective gear shall be used by spill response workers as well as rubber gloves, rubber boots, and rain gear when needed. Respirators or fire protective gear shall be used as required.
- B. Members of the team cleaning spills shall be familiar with MSDS, which are available for review in the yard office, and trained in proper product handling procedures.
- C. Since most spills are petroleum products or similar materials, spills can be very slippery presenting severe fall hazards for cleanup personnel. Every effort shall be made to provide sufficient sorbing pads and /or floor-dry on walkways to ensure good footing.

12. Spill Response Equipment Location

- A. Spill response equipment will be stored in a large gang box on the main dock which is clearly labeled "Emergency Spill Response Equipment".
- B. Additional supplies will be stored in the shop main building.