

BULK STORAGE CONTAINERS (BSCs)

Spill Prevention, Control, and Countermeasure Plan and Stormwater Pollution Prevention Plan



Possible areas of concern and characterization

Drums have the potential to fail and cause a spill. Corrosion may weaken the structural integrity and lead to leaks and/or spills, creating a potential threat to the environment. Internal pressure of the tank will be a concern when fuel is added or withdrawn hence the use of vents. Tanks will fail suddenly due to pressure differential. Due to single wall construction of drums, tipping and punctures are also concerns.

HANDLING PROCEDURES

- Step 1** 55 Gallon and larger containers that are not double walled, shall be kept on secondary containment pallet or in a secondary containment system.
- Step 2** Site personnel will conduct monthly inspections on all 55-gallon containers (inside and outside) using worksheet EMD5058. See Appendix C.
- Step 3** Maintain adequate spill materials at BSC area.
- Step 4** Conduct inspections on open secondary containment after rainfall events to determine if the collected water has an oily sheen and document your findings using EMD SEC Log-13Feb2018 (contact EMD at 502-624-8187 for guidance).
- Step 5** Clean the secondary containment as needed.

NOTES

- Secondary containment should be equal to the largest container in the containment system plus 10%.
- If secondary containers have a valve or plug, the valve or plug should be secured in a closed position.
- Drums shall be stored inside a building hazmat shed or under cover to prevent the collection of rainwater in the containment system.

CONTACT INFORMATION

502-624-2072/3629