

Date Prepared 05/2001
Revised 2/23/09 P Watt
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BMP Physical Plant #10

TITLE: TANK CLOSURE PROCUDURES

Regulatory Citation: 6 NYCRR PART 613.9(b), STARS MEMO #1
(Petroleum-Contaminated Soil Guidance Policy),
SPOTS #14 9(Site Assessments at Bulk Storage
Facilities)

Applicability: Above and Underground Petroleum Storage Tanks.

Purpose: Ensure proper closure, abandonment and/or removal of
aboveground and underground tanks.

Person or

Department Responsible: Exec Mgr Plant Director

Schedule: Not Applicable.

Procedures: To properly remove, close or abandon underground or
aboveground petroleum tanks the following procedures will
be followed:

- Notify the local fire marshal (270-4471) and the NYSDEC Bulk Petroleum Storage Section (457-4351) of the pending underground tank closure, removal or abandonment.
- Contact the local utilities via the Underground Facilities Protection Organization (800-962-7962) to perform a utility mark out of the site.
- Review any available utility plans and information regarding existing underground storage tank locations.
- Render the tank free of explosive vapors;
- Remove soil/pavement from the top of the tank
- Cut an access into the top of the tank.
- Remove any remaining product/water from the tank and properly dispose of material;
- All connecting lines must be removed or capped;

- If tank is to be abandoned, cut at least two holes in the tank bottom to collect representative soil samples from beneath the tank;
- If tank is removed, collect representative soils samples of the tank grave walls and bottom;
- Backfill tank grave with clean fill;
- Review tank for evidence of corrosion and photograph tank;
- Clean tank and piping and transport tank to scrap metal recycler;
- Collect soil samples must be submitted to a state certified laboratory for analysis of contaminants of concern:

Fuel Oil/Diesel- STARS Volatile Organics via EPA Method 8021 and STARS Semi-Volatile Organics via EPA Method 8270;

Gasoline- STARS Volatile Organics via EPA Method 8021 and lead;

Waste Oil- STARS Volatile Organics via EPA Method 8021 and STARS Semi-Volatile Organics via EPA Method 8270, barium, cadmium, chromium and lead.

- If any parameters are detected above TCLP Alternative Guidance Values noted on Tables 1 and 2 of STARS Memo #1 or an odor are noted during the tank removal or abandonment, the NYSDEC Spill Hotline (518-457-7362).
- Following the tank removal a report must be prepared in accordance with SPOTS #14. In addition, a revised tank registration application must be submitted to the NYSDEC noting the tank abandonment, removal or closure.

Record keeping: Maintain all manifests associated with tanks, soil, and liquids.

Record Location: EHS Office environmental files.

Contact: Director of Environmental, Health and Safety (629-7163)
Exec Mrg of Physical Plant (629-7427)

HVCC-BMP-PhysicalPlant#10-Tankremoval