

KDHE REQUIREMENTS FOR PERMANENT CLOSURE OF UST's – REMOVAL

Tank(s) must be cleaned by removing all flammable/combustible liquids and residue from the tank and all connecting lines. Ensure the removed materials are properly and safely disposed of in compliance with state and local regulations. A manifest or invoice for all cleaning and disposal will be required to accompany the closure documents.

Map and photos that must accompany the closure documents are as follows:

- a. Site map of the tank(s), dispenser, and building location including distance.
- b. Photos of the site before procedures begin.
- c. Photos of the tank(s) within the excavation(s) zone prior to removal.
- d. Photos of removed tank fixtures
- e. Photos of line capping or line removal.
- f. Photos of tank(s) being inerted.
- g. Photos of the tank(s) excavation zone upon removal of the tank(s)
- h. Photos of tank(s) once removed from the excavation
- i. Photos of the site after the backfill and completion.
- j. **KDHE District staff will conduct sampling activities during the underground storage tank system removal.**

KDHE REQUIREMENTS FOR PERMANENT CLOSURE OF UST'S - FILLED IN PLACE

Tank(s) must be cleaned by removing all flammable/combustible liquids and residue from the tank and all connecting lines. Ensure the removed materials are properly and safely disposed of in compliance with state and local regulations. A manifest or invoice for all cleaning and disposal will be required to accompany the closure documents.

Soil and/or groundwater sampling must be conducted as described on page 4 of this document.

Tanks must be filled completely with an approved inert solid material. An invoice indicating the amount of fill material used must accompany the closure document.

Map and photos that must accompany the closure documentation are as follows:

- a. Site map of tank(s), dispenser, and building location including distance.
- b. Photos of the site before procedures begin.
- c. Photos of removed tank fixtures
- d. Photos of the line capping or line removal.
- e. A photo of the tanks(s) after the cleaning process has been completed.
- f. Photos of tank(s) being inerted.
- g. Photos of the holes cut into the top of the tank(s)
- h. Photos of the tank(s) completely filled with the inert material.
- i. Photos of the site after the backfill and completion.

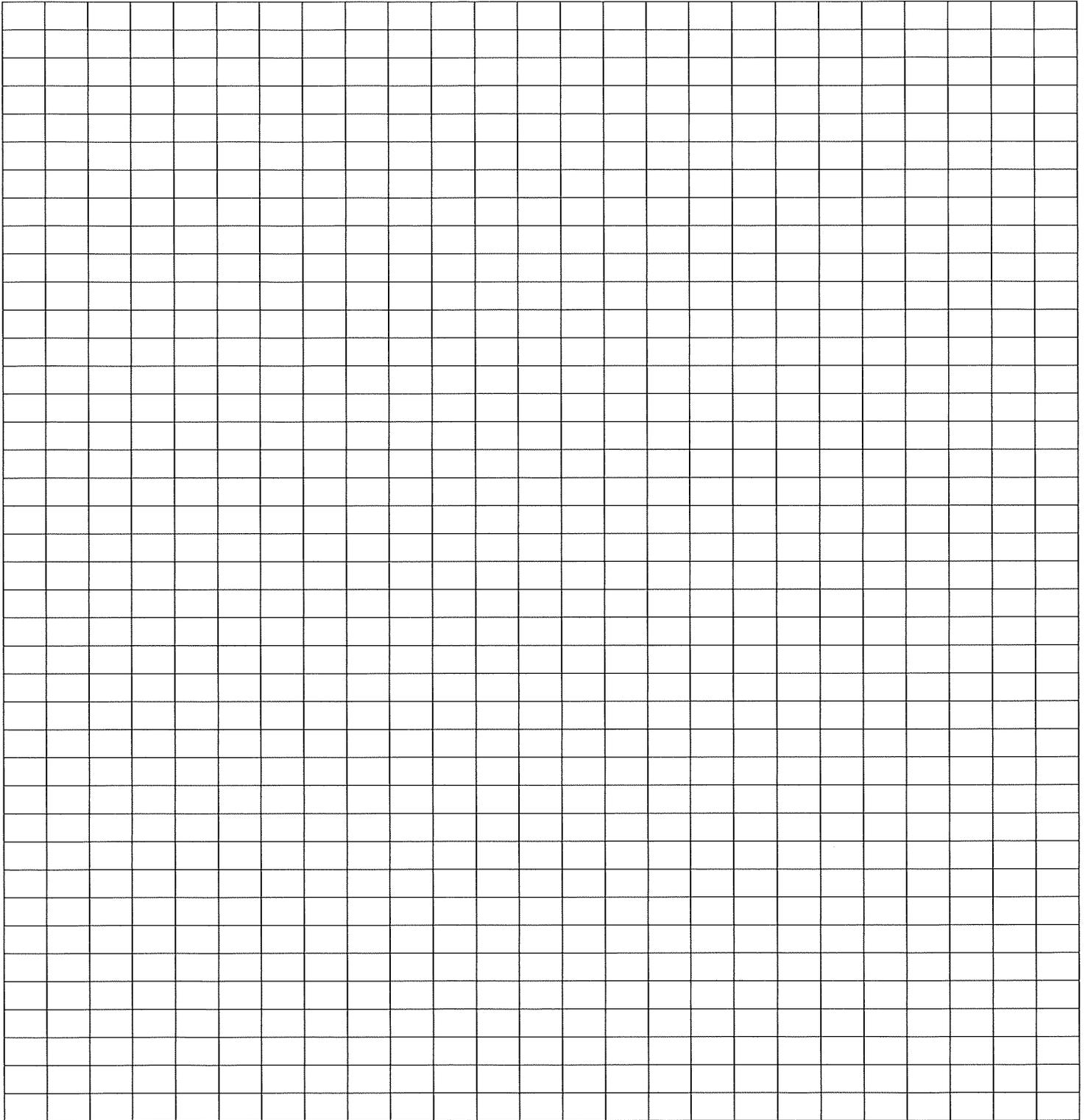
KDHE REQUIREMENTS FOR CHANGES-IN-SERVICE

Tank(s) must be cleaned by removing all flammable/combustible liquids and residue from the tank and all connecting lines. Ensure the removed materials are properly and safely disposed of in compliance with state and local regulations. A manifest or invoice for all cleaning and disposal will be required to accompany the closure documents.

Soil and/or groundwater sampling must be conducted as described on page 4 of this document. Tanks must be filled completely with an approved non-regulated product.

Site Map of Facility and Tank Basin

A site map showing the location of the tank system in relation to any of the surrounding structures, or obstructions. A NORTH arrow or indicator should be included in your drawing.



KDHE SOIL AND/OR GROUNDWATER SAMPLING REQUIREMENTS FOR PERMANENT IN PLACE CLOSURES OR CHANGES-IN-SERVICE

● = Recommend boring location (Distance is not to scale)

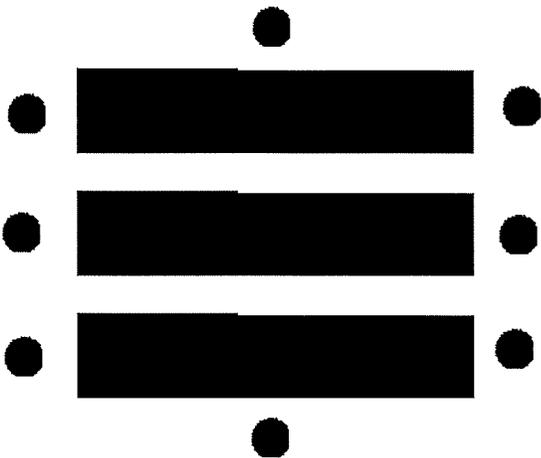
Single Tank ? 8,000 gallons



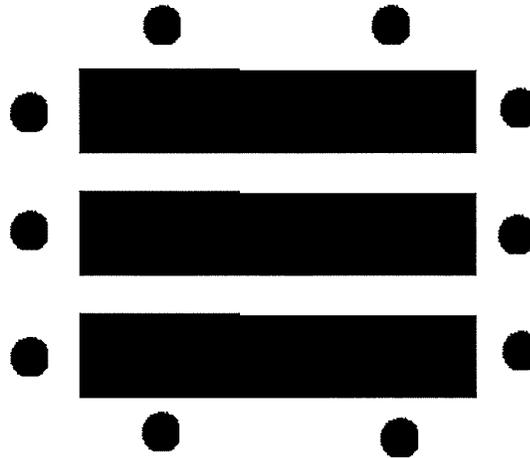
Single Tank ? 8,001 gallons



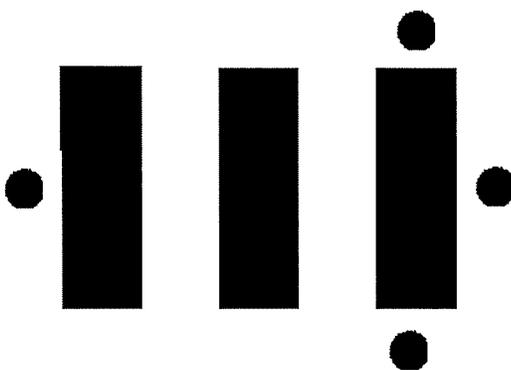
Multiple tanks ? 8,000 gallons



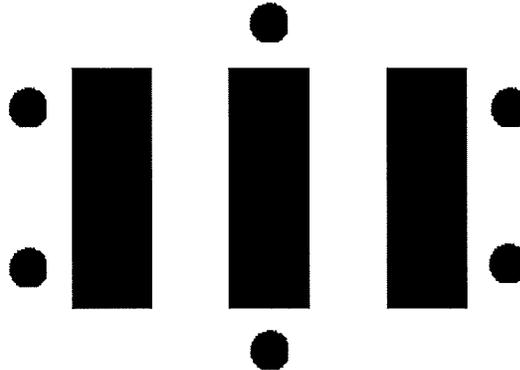
Multiple tanks ? 8,001 gallons



Multiple tanks ? 8,000 gallons



Multiple tanks ? 8,001 gallons



NOTE: If only one (1) tank within a multi-tank basin is to be permanently closed in place, the sampling will be required on four (4) sides of the tank basin. Sampling at the ends of the tank will only be required of the tank being permanently closed in place

SAMPLES should be collected within approximately three (3) feet of the tank. Boring should be placed in native soil to a depth of one (1) to three (3) feet beneath the tank bottom.