

## **Relocation of Stationary Regulated ASTs**

This guidance applies to regulated level 1 ASTs located within a ZCC with a capacity of 210 barrels (8,820) gallons or less that are being relocated no more than 1,000 feet from their original location. This interpretation / guidance only applies to ASTs containing brine water or other fluids produced in connection with hydrocarbon production activities. Closure activities must be performed by a qualified person as defined in §47CSR63-2.51.

This guidance does not apply to the following regulated stationary ASTs:

- ASTs with a capacity greater than 210 barrels (8,820) gallons.
- ASTs being relocated more than 1,000 feet from their original location.
- ASTs that are currently “not fit for service” because of tank integrity related issues.
- ASTs where there has been a previous suspected or confirmed release associated with the regulated AST system that have not completed all corrective action as required by §47CSR63-7.
- ASTs that have been damaged and have not yet been recertified as “fit for service” as required under §47CSR63-5.4.b.

The following steps shall be followed in relocating a stationary AST to outside of a zone of critical concern (ZCC).

- Seven (7) days prior to relocation of an AST, you must notify the WVDEP Tanks Inspector and the Tanks Corrective Action Project Manager for the county where the AST is located.
- Prior to relocating the AST, the stationary AST shall be emptied of all contents using commonly employed practices so that no more than one (1) inch of residue remains in the tank.
- Photo documentation of the removal of the stationary AST from the facility shall include the following:
  - Photo of the site “overall” (i.e. general location of the stationary AST)
  - Photo of the tank with label visible
  - Photo of the north side of the tank showing the ground adjacent to the tank base (approximately  $\frac{3}{4}$  of the photo should be of the ground and  $\frac{1}{4}$  the tank base)
  - Photo of the south side of the tank showing the ground adjacent to the tank base (approximately  $\frac{3}{4}$  of the photo should be of the ground and  $\frac{1}{4}$  the tank base)
  - Photo of the east side of the tank showing the ground adjacent to the tank base (approximately  $\frac{3}{4}$  of the photo should be of the ground and  $\frac{1}{4}$  the tank base)
  - Photo of the west side of the tank showing the ground adjacent to the tank base (approximately  $\frac{3}{4}$  of the photo should be of the ground and  $\frac{1}{4}$  the tank base)
  - Photo of the area between the tank base and first point of isolation
  - Photo of the ground underneath the AST after it has been removed, prior to sampling and/or reclamation of the site.
  - Photos of any staining and/or areas void of vegetation or having dead or poor vegetation inside or adjacent to the secondary containment.
- NOTE: photos must show the ground without obstructions such as snow, vegetation, etc.

- Collection of samples for laboratory analysis to include the following:
  - Soil samples shall be collected at twelve (12) inches below ground surface of the base of the tank at the following locations:
    - One (1) sample shall be collected from the native soil below the tank.
    - One (1) sample from any area where indications such as staining or dead vegetation suggest that a release or spill occurred, inside or outside the secondary containment (not required if there are no such indications).
    - One (1) sample from any area of concern identified by a qualified person during the relocation of the AST system inside or outside of secondary containment (only needed if indicated by the qualified person).
  - If there is a release confirmed by the field sample analysis the owner/operator will report the release immediately to the WVDEP via the WVDEP Spill Line at 1-800-642-3074 and comply with section 7 of the AST Rule.
  - Laboratory analysis shall include the following:
    - For Crude and/or Brine Tanks
      - BTEX (EPA sample method SW846-5035, analysis method SW-846-8260), PAHs (EPA sample method SW846-8270), and Chloride (SW846-9056).
      - Additional sampling and analysis will be required for releases.
- Submittal of a relocation report documenting the following information for the AST shall be electronically sent to the DEP.ast@wv.gov within thirty (30) days of the relocation:
  - WVDEP tank label ID (ex. 022-00000001)
  - WVDEP tank reference number (ex. 2014-00001341)
  - Tank owner name and contact information
  - Operator name and contact information
  - Chemical stored in tank
  - Make up of secondary containment (e.g. double walled tank, native earthen berm, geotextile lined, monolithic pour, etc.)
  - Statement that the tank was “empty” prior to the relocation along with description of the quantity removed, location where the removed fluids were taken.
  - Photo documentation as required above with description of the photos
  - Analytical data from the sampling associated with the tank relocation
- The tank owner must update the registration of the stationary AST in the Electronic Submission System (ESS) within 30 days of relocation activities (§47CSR63-3.1.d). The update must include all changes (i.e. GPS coordinates, changes in substance, change in status of the AST, etc.) related to the AST’s relocation.

The WVDEP reserves the right to request additional information related to ASTs as authorized by W. Va. Code §22-30-15.

It is recognized that ZCCs will change in the future due to new stream data and the installation / closure of drinking water intakes. Relocation of a tank outside of a current ZCC in no way guarantees the AST will not be regulated in the future.