PSTD
AST CLOSURE SAMPLING REQUIREMENTS

TANKS SITTING ON THE GROUND

- One sample under **each** tank, on the fill side or at the remote fill (most likely source of contamination).
- One sample down-gradient of the tanks.

TANKS SITTING ON A CONCRETE PAD

- One sample for **each** tank, taken directly off the concrete pad, on the fill end side of the tank or at the remote fill.
- One sample down-gradient of the tanks.

TANKS ON A CONCRETE PAD IN A STEEL OR CONCRETE CONTAINMENT DIKE

- Sample where piping enters containment (over or through the wall).
- Sample at remote fill (if applicable).
- Sample at any opening in the dike (i.e., drains, cracks).
- One sample taken down-gradient.

ABOVEGROUND PIPING

- Sample in locations with visible staining.

UNDERGROUND PIPING

- Sample at joints, elbows, or at least every 20 feet.
- Sample excavated backfill from lines to determine if it can be returned to the line trench(es). Contact the Technical Department prior to the over-excavation of the line trench(es). Collect one composite sample (made up of 10 grab samples) every 50 cubic yards.

DISPENSERS

- One sample beneath each dispenser on the supply side.
- If dispensers are located within 15 feet of each other on the same fuel island, collect one sample per fuel island on the supply side.

Guidance documents lack the force and effect of law, except as authorized by law or as incorporated into a contract or binding legal decision.

SAMPLES

- All samples should be collected 1-1/2 to 2 feet deep into native soil.
- BTEX analysis of soil samples by EPA methods 8021 or 8260, or TPH-GRO analysis of soil samples by the OK DEQ GRO method should be collected in accordance with EPA Method 5035A.
- BTEX analysis of water samples by EPA methods 8021 or 8260, or TPH-GRO analysis of water samples by the OK DEQ GRO method should be collected in accordance with EPA Method 5030C.
- TPH-DRO analysis of samples should be collected and analyzed in accordance with the OK DEQ DRO method.
- Alternatively, TPH can be collected and analyzed in accordance with method TNRCC 1005 as long as the laboratory's reporting limit meets the OCC action levels for low concentration samples.
- All samples should be analyzed for BTEX and the appropriate TPH range(s).
- All samples should be analyzed by a laboratory that has current DEQ accreditations for the matrix, method, and analyte of the specific analysis being performed.

CHANGE IN SERVICE REQUIREMENTS

When completing a change in service for an AST, that is going from currently in use status to temporarily out of use status, the following options are available achieve compliance with OAC 165:26-2-214.

- Conduct a complete site assessment with sampling locations meeting the above-mentioned requirements;
- Provide twelve (12) continuous periods of compliant 30-day release detection for **ALL** tanks and lines that will be subject to the change in service; or
- Perform a tank tightness test and line tightness test for **ALL** tanks and lines that will be subject to the change in service.

Guidance documents lack the force and effect of law, except as authorized by law
or as incorporated into a contract or binding legal decision.