



UNDERGROUND STORAGE TANKS & WATER ENTRY

Preventing water entry into USTs and removing any water that enters is vital to maintain the health of your fueling system.



IS THERE WATER?

- Water paste changes color.
- Cloudy or hazy fuel.
- ATG indicates that water is present.
- Measured fuel density increases (the ethanol has separated from the gasoline).
- Sampled fuel fails ASTM testing standards.
- Equipment fails more frequently.
- Filters require frequent changing due to clogging.

ETHANOL + GASOLINE

Gasoline with ETHANOL (Like E10) can absorb **more** water

Phase Separation for E10 fuel occurs at **about 0.5%** water

Note: Phase Separation occurs more quickly at lower outside temperatures.

TIPS FOR DETECTING WATER:

- Use water-sensing filters in dispensers
- Frequently test with gauge stick + water paste

DIESEL + WATER

Water in your diesel tank can result in damaging microbial growth.

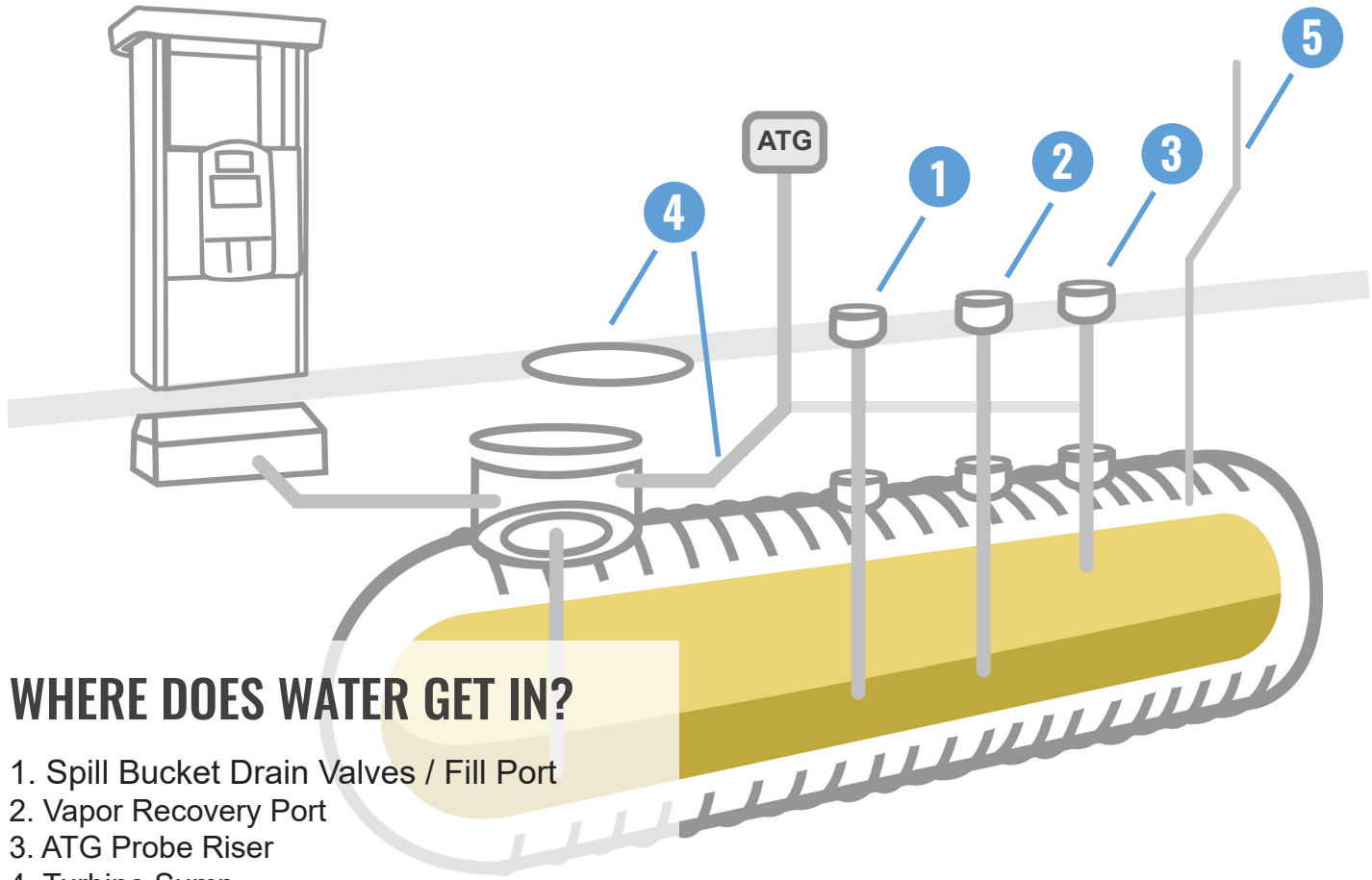
These microbes cause corrosion of metallic components, which can cause leaks and tank failure.

QUESTIONS? CONCERNED ABOUT WATER?
CONTACT YOUR LOCAL SERVICE DEPARTMENT
petsolinc.com • 1-800-880-9582





UNDERGROUND STORAGE TANKS & WATER ENTRY



WHERE DOES WATER GET IN?

1. Spill Bucket Drain Valves / Fill Port
2. Vapor Recovery Port
3. ATG Probe Riser
4. Turbine Sump
5. Vent Lines

QUESTIONS? CONCERNED ABOUT WATER?
CONTACT YOUR LOCAL SERVICE DEPARTMENT

petsolinc.com • 1-800-880-9582



ABILENE • AUSTIN • BEAUMONT • CORPUS CHRISTI • DFW • EDINBURG • HOUSTON • SAN ANTONIO • TEMPLE • TYLER • VICTORIA