

WATER STORAGE & PIT TREATMENT

Bio-control solutions designed by oilfield fluid experts

Preventative treatment for bacterial contamination through evaluation of the water source quality, product selection and application, and post-treatment water analysis to maintain customer water quality standards.

The integration of innovative treatment and technology for pit management, transfer and disinfection is improving efficiency and job management for operators. Select Chemistry approaches each program with technology selectively adopted to meet water quality objectives for frac chemistry and formation compatibility.

APPLIED CHEMICAL SOLUTIONS

Select Chemistry provides a variety of solutions to kill sulfur reducing bacteria and acid producing bacteria in your ponds, pits and impoundments, address hydrogen sulfide (H₂S), iron sulfide, phenols, and mercaptans. Treatment options are compatible with the most commonly used additives in your downhole formulations. Biocide solutions reduce bacterially induced corrosion and are recommended in water-based drilling, completion, and workover fluids.

Select Chemistry provides a variety of treatment options to address various conditions throughout the life of the well including:

- **Oxidizing liquid biocides and field-generators**
 - Chlorine dioxide (ClO₂)
 - Peracetic acid (PAA)
 - Sodium hypochlorite, or bleach
 - Hydrogen peroxide (H₂O₂)
- **Conventional biocides (on-the-fly)**
- **Open pit and water storage biocides and treatments**
 - Solid biocides
 - Calcium Nitrate treatment
- **Preservative biocides for reservoir protection**
- **Aeration**



KEY BENEFITS

WATER ANALYSIS

Select Chemistry can help make critical recommendations when it counts. Select Chemistry's water analysis labs are staffed by experienced chemists and engineers who assess different aspects of your source water, well and fluid systems to formulate solutions that boost productivity and prevent issues over the life of the well.

TECHNOLOGY AND LOGISTICS EXPERTISE

Select Chemistry is a unique provider of advanced chemistry developed and manufactured specifically for the oilfield. Combined with our direct to the field logistics and support on-location, Select Chemistry goes the last mile.

WE KNOW WATER

Select is one of the largest providers of comprehensive water management solutions including sourcing, treatment, infrastructure, transfer, and storage.

Getting to the source of the problem.

One of the most important phases of treatment occurs immediately prior to the frac during source water disinfection. Any water sources used during frac operations will be injected downhole and combined with fluids where microbes are at much higher concentrations and already adapted to the high-salinity formation. If deleterious microbes thrive in the reservoir, long-term production can be harmed via plugging from biomass growth, fouling, corrosion (from acid formation), and formation of toxic gases like hydrogen sulfide (H₂S).