

Contamination:
Structure
Treated:
Effectiveness:

No. 6 Crude Oil, Asphaltenes and Paraffins
Above Ground Land Based Storage Tank 75
Hours Labor Reduced by 50%
Vacuum Truck Rental Time Reduced by Half

Project scope: Complete cleaning of a large land based storage tank that had accumulated petroleum sludge up to two inches thick within the interior sidewalls along with heating coils covered in baked on asphaltenes.



Situation: To execute a project of this scale, traditional cleaning methods require the application of off-the-shelf surfactants and other cleaning materials, including manually scrubbing the inside surface walls with brushes, followed by the spraying of those walls with high-temperature pressure washers. Another major concern is the discharge of up to 3,000 gallons per tank of contaminated water.

Solution: Nanoscale technology produces products that are non-toxic, environmentally friendly and fully biodegradable in 28 days. Formulated from plant-based derivatives, our products minimize wastes by converting tank sludge into a liquid that flows to the bottom



For a single storage tank, **total costs** were slashed by 59%. The contractor, whom has been in the service industry for 10 years, said "I've used dozens of products, and tried everything I can get my hands on and a product that I truly believe is the answer. It's saving us time which is money, disposal fees which is money and down time, giving us the competitive edge we need."

