

# BioWorld Products

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## Bunker "C" Fuel Oil Bioremediation Case Study

Old wooden fuel storage tanks were excavated and 6,000 cubic yards of contaminated soil was spread over a 4 acre area in 12 parcels – 1 foot deep



BioWorld Hydrocarbon Degrading Microbes were activated in warm water prior to application – then added to a water truck.



Technicians added BioWorld Bioremediation Enhancer to a 4,000 gallon water truck.



Water and BioWorld Bioremediation Technology products were applied to the contaminated soil using the water truck.



Each of the 12 separate parcels was treated on a monthly basis.



Close-up of the soil shows water and BioWorld Hydrocarbon Treatment product absorption.



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The soil was disced for mixing and aeration on a regular basis.



Initial Total Petroleum Hydrocarbon Concentrations in the soil averaged 4,000 ppm. The target for cleanup was 100 ppm which was achieved in 11 months. The soil is covered with native plant life and could be safely used for growing edible crops.

Some native plant life begins to inhabit the site as the contaminant is degraded.



## BioWorld Products Used:

75250 - Bioremediation Enhancer

32055 - Hydrocarbon Digester Microbes

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