



ABSTRACT OF THE DISCLOSURE

IMPROVEMENTS IN BIOREMEDIATION OF  
HYDROCARBON CONTAMINATED SOILS AND WATER

The present invention provides an enhanced biodegradation process by applying to petroleum contaminated soil or water essential microbial nutrients in a form capable of releasing the nutrients over time at a rate which, at 25°C, is substantially linear. Importantly, in a preferred embodiment of the present invention, the microbial nutrients that are applied to the soil or water are in a form such that the release of nutrients at 38°C will be greater than that at 25°C by a factor of about 2.5 to 6.0, and preferably from a factor of about 3 to about 5.0.