Project Site: Hydrocarbon Contamination in soil

Customer: RailRoad Company

Objection: Reduce TPH (oil) to less than 10 ppm (mg/l)

Status: Complete – SUCCESS!

Day #	Oil (mg/l)	Total Bacteria Count	Petrophilic Bacteria
0 – Before Treatment	1280	1×10^{8}/g	1×10^{2}/g
1 – After Treatment	1280	1×10^{8}/g	1×10^{5}/g
14	145	1×10^{8}/g	1×10^{7}/g
90	8	1×10^{8}/g	1×10^{3}/g

April 21, 2008

Katsuyoshi Yoshioka
President
BioFuture, Inc

Dear Yoshisan,

Thank you for your detailed question regarding the bacterial populations after completion of the bioremediation project. I have being working on bioaugmentation, defined as adding laboratory grown bacteria in a bioremediation project, to clean up oil contaminated soil and groundwater with Custom HC (Hydrocarbon Degrading Bacteria) since 1971. Since Custom Biologicals, Inc. was formed in 1992, you can calculate that I was working in this field for 21 years before the company was formed.

Custom Biologicals, Inc. utilizes only those petrophilic bacteria that are classified as Class 1 by the ATCC (American Type Culture Collection). Class 1 organisms are by definition non-pathogenic to humans, animals, plants. In an oil spill, the contaminant may cause a significant negative impact on the existing ecosystem. The bacteria in Custom HC do NOT. After the contaminating chemical has been degraded by the added petrophilic microorganisms, their population will return to the level they were in the soil before the contamination occurred. Please see the data on the next page!

Custom HC has been approved by the Florida Department of Environmental Protection (Florida DEP – the state branch of the US EPA) and given an "innovative product" status which allows use of the product in the remediation of petroleum contamination in soil and groundwater. We have been selected and approved by the U.S. Government to provide a “Customized” blend of microorganisms at a Superfund Site that has since been designated as a "clean site". We have worked on hundreds of bioremediation projects around the world.

We are proud to report that every site has been cleaned, or designated as NFA (no further action) and that there have been no damages or reports of ill effects to people, plants, animals, or the environment for the past 35 years in any of our cleanup efforts.

Best Regards,

Dr. Clarence L. Baugh, Ph.D.
Microbiologist