



Delta Remediation - BioLogix Success Stories

The Problem

Rapid Destruction of Hydrocarbons - BioLogix Application

(Southern Alberta Lagoon Accidentally Polluted with Production Fluids)



In August of 2021, a primary wastewater lagoon was accidentally contaminated when a vacuum truck hauling production fluids emptied its load into the pond. The truck operator was not aware that the load he was carrying contained more than 5,000 Liters of crude oil. Within minutes the oil slick spread across the entire pond and the water treatment system had to be shut down leading to very high water costs for the local community. The typical way of solving this problem would include the use of hydro-vac trucks to suck up and dispose of the contaminated water at a hazardous waste facility hours away. This method of remediation would likely have run in excess of \$300,000

The Solution



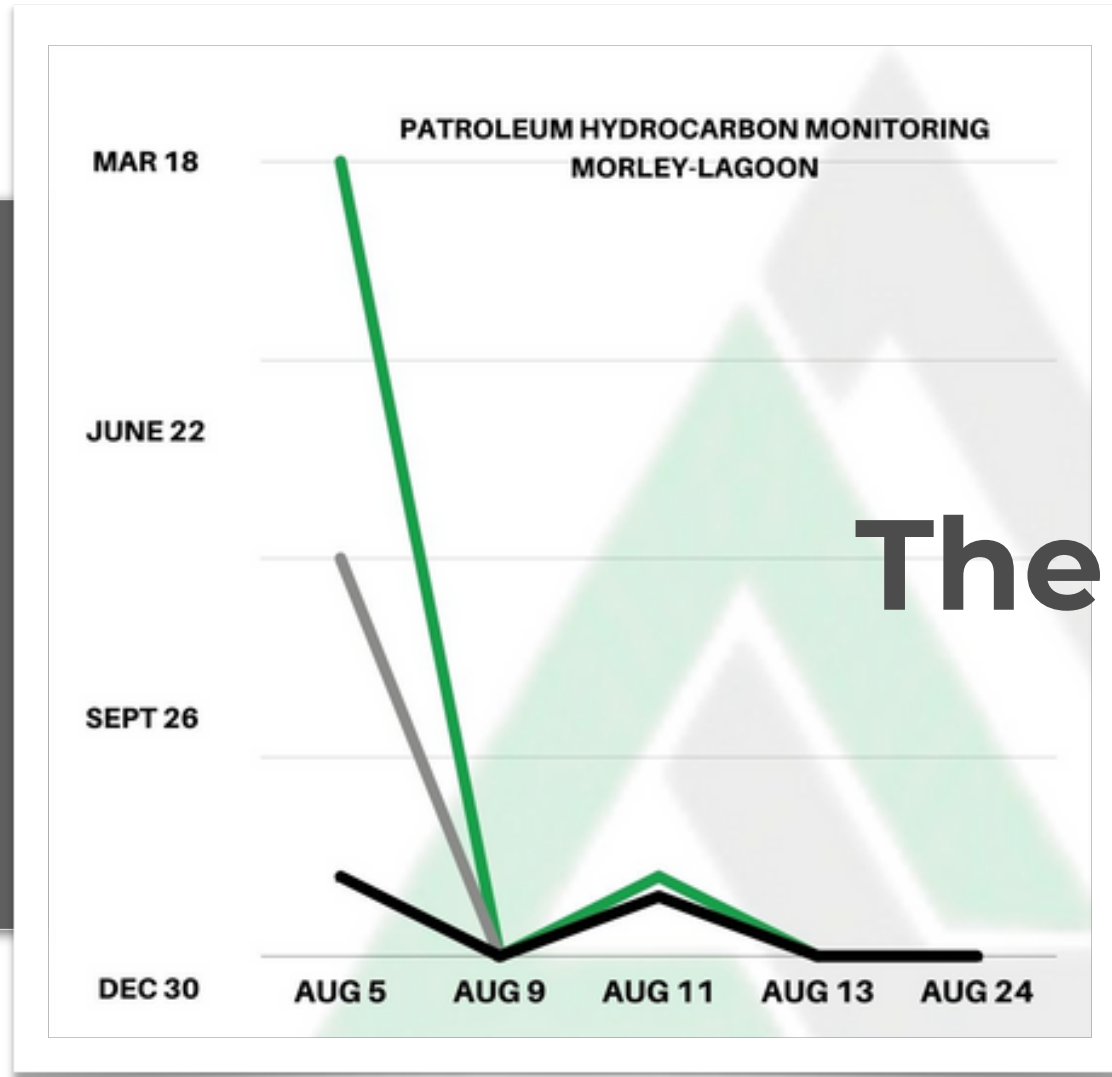
BEFORE

One of the project managers had some previous success with Delta Remediation and suggested BioLogix® Bioremediation. By augmenting the natural microbial population with the specialized species of bacteria the pond's biology was amplified in orders of magnitude compared to natural levels and was able to rapidly degrade oil and all hydrocarbons within 3 weeks. The Delta Remediation team was on-site for two days in total. One day of setup and inoculation and one day of application.

AFTER



The project was very successful with 99.99% of the oil being degraded within 19 days post treatment. The results are compiled in the graph.

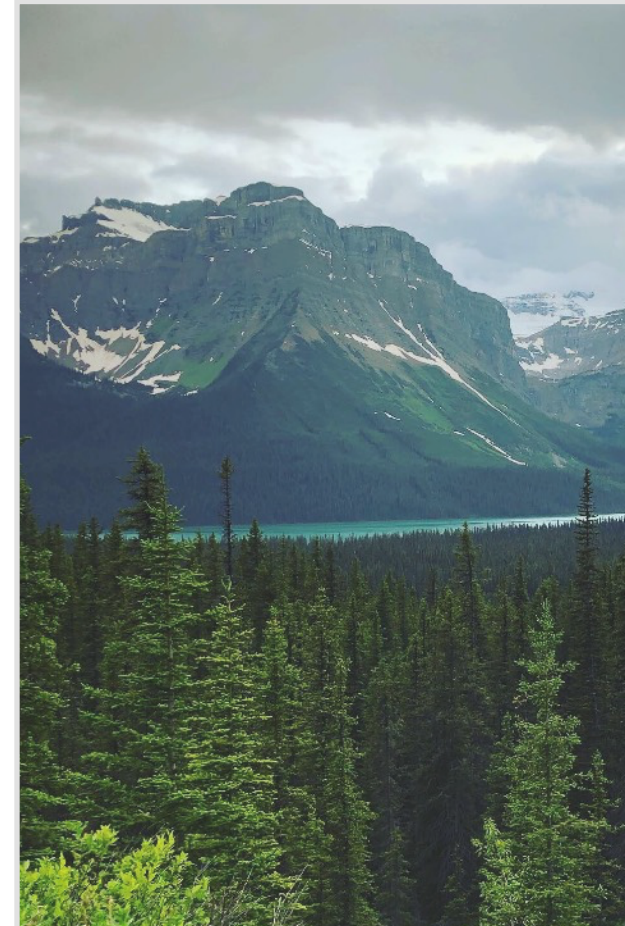


The Result



*“As champions for the environment
we are proud to offer responsible,
safe, time efficient solutions which
increase efficiency in remediation”*

– Robert Lacey, President



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