

BioSativa - Abbau von Kohlenwasserstoffen

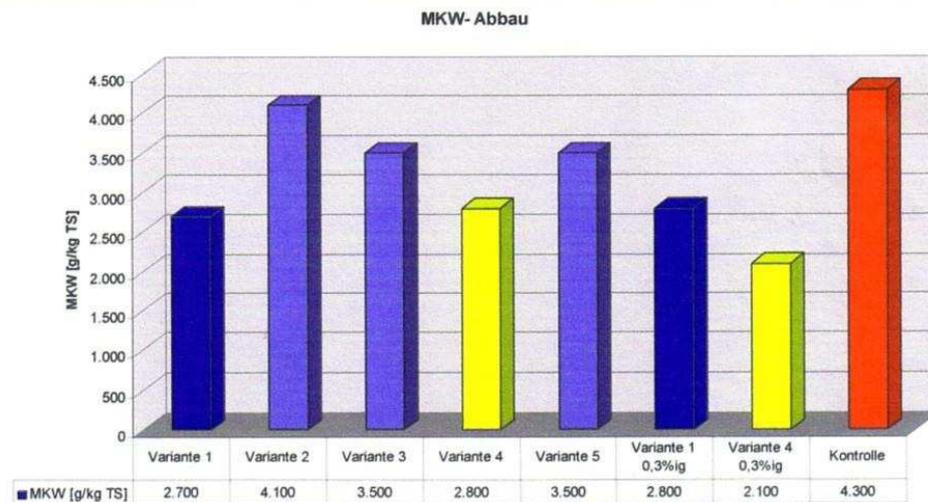
BioSativa - remediation of hydrocarbons

with diesel oil contaminated soil

contamination with aromatic hydrocarbons about 8.000 ppm

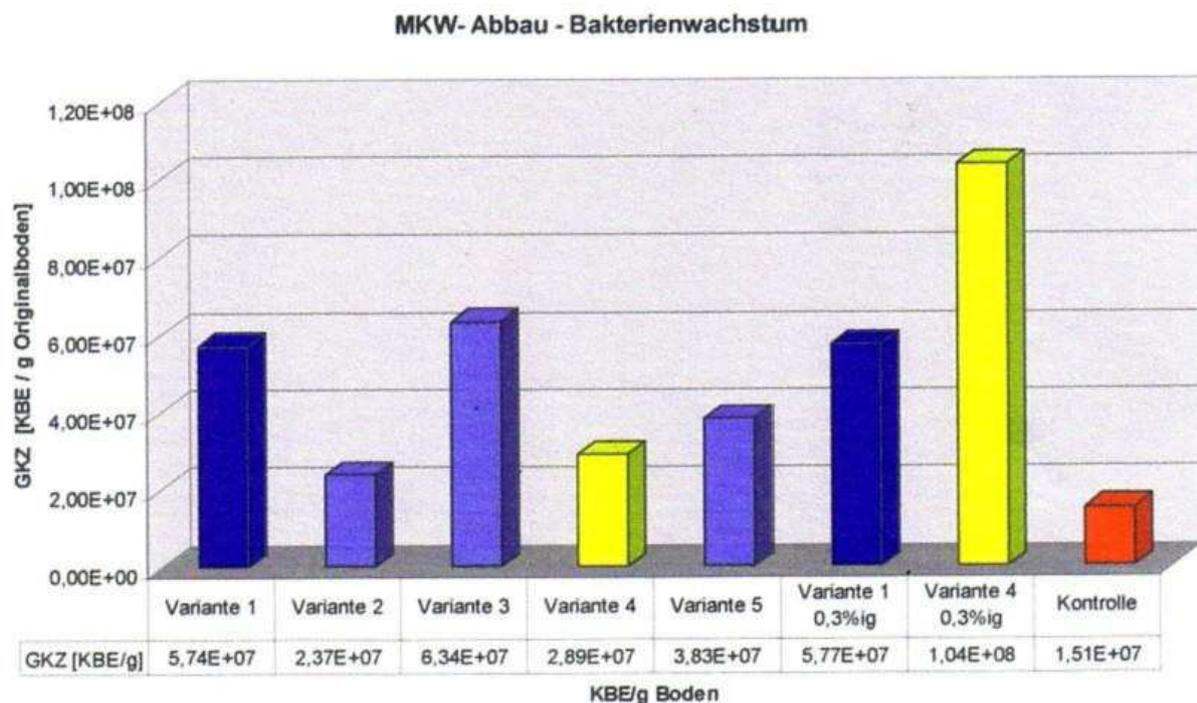
Temperature 20 degree Celsius

time of remediation process: 10 days



best Results of BioSativa is shown in the Variation 4 (concentration of 0,3 percent) . The MKW polution decrease from 8.000 ppm to 2.500 ppm.

The next matrix shows at the same time the population of of bacterias. This proofs that the remediation process ist done by the bacterias.

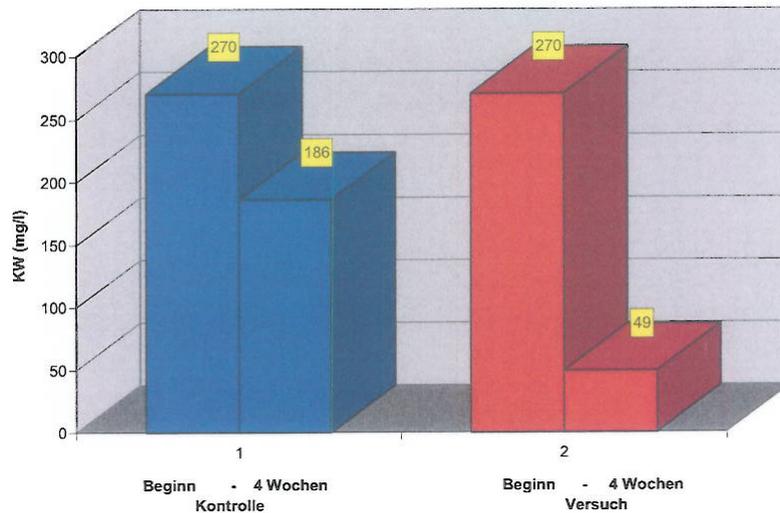


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BioSativa - remediation of hydrocarbons

b) with oil contaminated water

contaminated pond water has been treated with BioSativa. Within 4 weeks there was a clear reduction of the oil contamination. the hydrocarbons dropped from 270 ppm to 49 ppm.



case study steel plant

An European steel company cleaned up an oil contaminated shelter with a high pressure cleaning system including BioSativa. The cleaning result was remarkable. They collected the sewer water from the cleaning process. At day One the sewer water was contaminated with 3.500 ppm of hydrocarbons. Within 10 days the contamination dropped under 20 ppm!!!!

Zusatz Info: Ölrückstände - 25.10.2013

Bestimmung	Ergebnis	Einheit	Min.	Richtw.	Max.
Schwerfl.lipoph.St.	3520	mg [*] l ⁻¹			

Zusatz Info: Ölrückstände - 08.11.2013

Bestimmung	Ergebnis	Einheit	Min.	Richtw.	Max.
Schwerfl.lipoph.St.	15,2	mg [*] l ⁻¹			