

Case 12: Remote Sump Remediation

- This site was a remote sump located in northern British Columbia with hydrocarbon contamination.

Solution:

- **EKOGRID™** unit was setup on site with three rows of electrodes installed.
- This location had no utilities on site and a power supply was brought in to run the **EKOGRID™** for the duration of 25 Days.
- **Results:**
 - Reported in the diagram on the left
 - The numbers were dropped to the point where they would pass a screening-level risk assessment
 - Pre-remediation numbers were limited since the sump was found to contain H₂S and really limited the drilling program. It was not found to be sour post-remediation.

Parameter	Pre-Remediation	Post-Remediation
Benzene	1.45	0.361
Toluene	3.57	0.13
Ethylbenzene	0.22	0.129
Xylenes	2.41	0.53
C6-C10	<50	62
C10-C19	173	79
C19-C32	411	101



SIGNUM
ENVIRONMENTAL