

## Case Study #30

**Client Category:** Chemical cleanup company

**Description:** Long Term Bench scale bioremediation evaluation and biotreatability testing of *Custom CL* in groundwater sample.

concentrations are in ppm (mg/l)

Volatiles	0 Days	10 Days	26 Days	59 Days
Vinyl chloride	0.770	BDL	BDL	BDL
Methylene Chloride	417.388	140.030	1.963	0.048
Acetone	129.942	44.720	2.161	0.543
1,1-dichloroethylene	20.064	6.448	BDL	BDL
1,1-dichloroethane	7.168	2.550	0.390	0.065
trans,cis 1,2 DCE	1.380	0.682	0.135	BDL
Chloroform	2.280	BDL	0.480	1.513
1,2 Dichloroethane	134.388	51.200	0.696	0.014
1,1,1 Trichloroethane	78.494	26.350	0.511	0.098
Carbon Tetrachloride	0.000	BDL	BDL	BDL
Bromodichlormethane	15.832	5.346	BDL	BDL
Trichloroethylene	29.772	11.660	0.204	0.065
Benzene	14.096	5.290	BDL	0.036
Bromoform	12.506	9.836	12.539	0.066
1,1,2,2,TCA	6.262	BDL	2.229	BDL
MIBK	21.318	9.286	0.950	0.037
Perchloroethylene	0.966	BDL	BDL	0.027
Toluene	47.122	13.374	0.100	0.109
Chlorobenzene	0.000	BDL	BDL	0.163
Ethylbenzene	0.946	0.330	0.076	0.043
4-Bromoflorobenzene	20.000	Standard	Standard	Standard
Xylenes,Ortho,Para	0.492	0.260	0.021	0.026