

GW TECHNOLOGY:		Bioreactors		
RACER PARAMETERS	Scenario A	Scenario B	Scenario C	Scenario D
	Small Site		Large Site	
	Easy	Difficult	Easy	Difficult
	Media/Waste Type	Groundwater	Groundwater	Groundwater
Contaminant	SVOCs	SVOCs	SVOCs	SVOCs
Approach	Ex situ	Ex situ	Ex situ	Ex situ
Flow Rate (gpm)	2.0	2.0	20	20
Chemical Oxygen Demand (ppm)	100	1,000	100	1,000
Safety Level	D	D	D	D
Number of Extraction Wells	2	2	5	5
Extraction Well Cost	\$33,038	\$33,038	\$65,868	\$65,868
Bioreactor Cost	\$102,130	\$125,120	\$130,307	\$274,801
Subtotal Cost	\$135,168	\$158,158	\$196,175	\$340,669
Remedial Design:				
Design Percentage	11%	11%	11%	10%
Design Cost	\$14,868	\$17,397	\$21,609	\$34,067
TOTAL MARKED-UP COSTS	\$150,036	\$175,555	\$217,784	\$374,736
THOUSAND GALLONS TREATED PER YEAR	1,051	1,051	10,512	10,512
COST PER THOUSAND GALLONS PER YEAR	\$143	\$167	\$21	\$36