GW TECHNOLOGY:	Air Sparging			
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	Scenario A	Scenario B	Scenario C	Scenario D
RACER PARAMETERS	Small Site		Large Site	
	Easy	Difficult	Easy	Difficult
Soil Type	Gravel/Sand	Sand-Silt / Sand-Clay	Gravel/Sand	Sand-Silt / Sand-Clay
Surface Area of Contamination (SF)	2,700	2,700	54,000	54,000
Depth to Groundwater (ft)	10	50	10	50
Depth to Contamination (ft)	11	51	11	51
Safety Level	D	D	D	D
Contaminated Volume (Cubic Feet)	29,700	137,700	594,000	2,754,000
Contaminated Volume (Cubic Yards)	1,100	5,100	22,000	102,000
Drilling				
Avg. Well Depth (ft)	15	55	15	55
Formation type	Unconsolidated	Unconsolidated	Unconsolidated	Unconsolidated
Safety Level	D	D	D	D
Well Diameter (in)	2	2	2	2
Drilling Method	Hollow Stem	Hollow Stem	Hollow Stem	Hollow Stem
Well Construction Material	PVC Schedule 40	PVC Schedule 40	PVC Schedule 40	PVC Schedule 40
Avg. # of soil samples per well	1	1	1	1
Contaminant of interest	Fuels	Fuels	Fuels	Fuels

3

5

\$30,648

\$30,169

2.0

\$10,000

\$70,817

\$2

\$84

\$64

9

5

\$79,300

\$53,869

2.0

\$10,000

\$143,169

\$1

\$37

\$28

172

5

\$1,178,583

\$797,662

5.0

\$94,287

\$2,070,532

\$0.75

\$27

\$20

43

5

\$174,047

\$206,194

5.0

\$19,145

\$399,386

\$0.67

\$24

\$18

Quantity of Air Sparge Points

Air Flow Rate per Well (CFM)

Air Sparging Marked-up Costs

TOTAL MARKED-UP COSTS

COST PER CUBIC FOOT

COST PER CUBIC METER

COST PER CUBIC YARD

Additional Costs:

Remedial Design

Years of O&M

O&M