

# Remedy Comparison Soil and Groundwater

<b>Alternative</b>	<b>Media</b>	<b>20 Year Present Value Cost (\$million)</b>	<b>Number of Extraction Wells</b>	<b>Total Groundwater Treatment Flow (gpm)</b>	<b>Number of Reinjection Wells</b>	<b>Estimated Time to Achieve RAO (years)</b>
Soil Alternative 2	soil	1.28	3	9 (150 scfm for soil vapor)	0	5-20 <sup>a</sup>
Soil Alternative 3	soil	2.77	3	9 (150 scfm for soil vapor)	0	5 <sup>b</sup>
Groundwater Alternative 2	groundwater	3.53 to 4.08 <sup>c</sup>	3	99	3	20
Groundwater Alternative 4	groundwater	5.36	2	40	1	up to 20 <sup>d</sup>
Groundwater Alternative 6	groundwater	6.59	34	0	0	20

- a Based on institutional controls to eliminate exposure pathways from non-VOC contaminated soil.
- b Based on excavation and off-site disposal to eliminate exposure pathways from non-VOC contaminated soil.
- c The cost range is associated with different discharge options.
- d Remediation may be expedited compared to Groundwater Alternative 2 because of the addition of in situ chemical treatment.

Reference: Record of Decision, Sept. 2002