

Alt#	Design Details			RDX Remediation			Perchlorate Remediation			Capital Cost	O&M	Total Present Worth***
	Number of Extraction Wells	Total Extraction Rate (gpm)	Number of Injection Wells	Years to Achieve Risk-Based Concentration (0.6 ppb)	Years to Achieve Background (0.25 ppb)	% Mass Removed After 10 years	Years to Achieve Risk-Based Concentration (1.0 ppb)	Years to Achieve Background (0.35 ppb)	% Mass Removed after 10 years			
1	0	0	0	>50	>50	0		>50	0	1,550,000	1,300,000	2,850,000
2	2	320	3	36	50	67.5	36	35/>50*	80.2	3,640,000	11,400,000	15,000,000
3	4	472	4	23	27	92.1	23	23/21*	92.7	6,350,000	14,700,000	21,100,000
4	5	1417	4	11	15	99.7	10	15/15*	98.3	10,200,000	15,500,000	25,700,000
5**	5	906	4	14 (11)	16 (13)	98.8	13 (11/9)*	15/20* (12/19)*	98.3	8,340,000 (8,300,000)	12,700,000 (10,600,000)	21,000,000 (18,900,000)
6**	6	981 (1006)	4 (5)	14 (11)	16 (13)	99.0	14 (11/9)*	15/17* (12/17)*	97.9	9,870,000 (9,900,000)	16,700,000 (14,000,000)	26,600,000 (23,900,000)

NOTES:

Although the Contaminants of Concern list includes other explosive compounds, this table presents only RDX and perchlorate because those two plume shells contain the other contaminants.

* upgradient/downgradient of Pew Road

All percentages reflect cumulative mass removed including interim actions taken prior to startup of selected cleanup alternative.

gpm = gallons per minute

** Alternatives 5 and 6 were reevaluated in early 2005 to account for revised RDX and perchlorate plume shells. The results of the supplemental evaluation are presented within the parentheses below the results from the Feasibility Study. These results show that Alternatives 5 and 6 perform relatively similar in time to restore the aquifer.

*** In the supplemental evaluation, the estimated time to reach a 1 ppb cleanup for perchlorate is 11 years for both Alternatives 5 and 6 with total present worth cost to achieve 1 ppb for perchlorate of \$18.9 million and \$22.1 million for Alternative 5 and Alternative 6 respectively. To achieve background for perchlorate, the total present worth costs are \$20.3 million and \$23.9 million for Alternatives 5 and 6, respectively.