

Table 8-3. Summary of Detailed Evaluation of Site-Wide Alternatives

Site-Wide Alternative	Components of the Alternative (Additions to the prior numbered alternative)	1. Effectiveness	2. Reliability	3. Implementing Difficulty	4. Cost	5. Short-Term Risks	5. Residual Risks	6. Benefits	7. Timeliness	8. Aesthetics
1	No Action	LOW	MODERATE	HIGH	HIGH	HIGH	LOW	LOW	LOW	HIGH
2	1+ Removal of sediment source material in the ECC 1+ Removal of potential risks to public safety in the CWA 1+ Monitored Natural Attenuation / Recovery in other areas/media	MODERATE	MODERATE	MODERATE / HIGH	MODERATE / HIGH	MODERATE	LOW / MODERATE	LOW / MODERATE	LOW	MODERATE / HIGH
3	2+ Removal of soil that exceeds UCLs or Human Health and Ecological PRGs at these same locations 2+ Removal of sediment in areas outside of the ECC to achieve the Human Health and Ecological PRGs on a Site-wide basis	MODERATE	MODERATE	MODERATE / HIGH	MODERATE	MODERATE	MODERATE	LOW / MODERATE	MODERATE	MODERATE
4-1	3+ Removal of soil in the non-disposal upland areas (i.e., PGA and SCCA) to achieve the Human Health PRGs for all COCs	HIGH	HIGH	MODERATE	MODERATE	MODERATE	MODERATE / HIGH	MODERATE	MODERATE / HIGH	MODERATE
4-2	3+ Removal of soil in the non-disposal upland areas (i.e., PGA and SCCA) to achieve the Human Health and Ecological PRGs for mercury and lead	HIGH	HIGH	MODERATE	MODERATE	MODERATE	HIGH	MODERATE	MODERATE / HIGH	MODERATE
4-3	3+ Removal of soil in the upland areas to achieve the Human Health and Ecological PRGs for all COCs 3+ Removal of sediment in areas outside of the ECC to achieve the Human Health and Ecological PRGs on an area-by-area basis	HIGH	MODERATE / HIGH	LOW/ MODERATE	LOW / MODERATE	LOW / MODERATE	HIGH	MODERATE	MODERATE / HIGH	LOW / MODERATE
5	4-3+ Removal of additional sediment and soil to “Approach Background”	HIGH	MODERATE	LOW	LOW	LOW	HIGH	LOW / MODERATE	HIGH	LOW
KEY TO RANKINGS HIGH Good Performance Relative to the Criterion MODERATE Satisfactory Performance Relative to the Criterion LOW Unsatisfactory Performance Relative to the Criterion										