

**Table 2-1
Comparison of Risk Assessment Options**

Factors	DTL	Tier 1	Tier 2	Tier 3
Exposure Factors¹	Default	Default	Default	Site-specific
Toxicity Factors¹	Default	Default	Default	Most current
Physical and Chemical Properties¹	Default	Default	Default	Most current
Fate and Transport Parameters¹	Default	Default	Site-specific	Site-specific
Unsaturated Zone Attenuation	Depth to water table dependent	Depth to water table dependent	Depth to water table dependent	Site-specific model
Fate and Transport Models	Default	Default	Default	Alternative
Comparative Concentrations	Maximum	Representative Concentrations- See Appendix E	Representative Concentrations- See Appendix E	Representative Concentrations- See Appendix E
IELCR	1 x 10 ⁻⁵	1 x 10 ⁻⁵	1 x 10 ⁻⁵	1 x 10 ⁻⁵
Hazard Quotient	1	1	1	1
Cumulative Effects	Not considered	Not considered	Not considered	Not considered
Groundwater Ingestion Pathway Complete	MCL or equivalent	MCL or equivalent	MCL or equivalent	MCL or equivalent
Ecological Risk	NA	Evaluate	Evaluate	Evaluate
Outcome of Evaluation	NFA, Tier 1, <u>CAP</u>	NFA, Tier 2, <u>CAP</u>	NFA, Tier 3, <u>CAP</u>	NFA, <u>CAP</u>
Land Use	No	Yes	Yes	Yes
Activity and Use Limitations	None	Depend on land use, groundwater use, and assumption in risk assessment		

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DTL: Default Target Level
 IELCR: Individual Excess Lifetime Cancer Risk
 MCL: Maximum Contaminant Level
 NFA: No Further Action
CAP: Corrective Action Plan

Deleted: RMP: Risk Management Plan

¹ Refer to Appendix B

Deleted: February 24, 2004