Table D8.7. Alternate Summary of Risk Characterization using KY ABS Values for SWMU 13, EU 7

Receptor	Total ELCR	COCs	% Total ELCR	Routes of Exposure	% Total ELCR	Total HI	COCs	% Total HI	Routes of Exposure	% Total HI
Current Industrial Worker (surface soil)	**<1.0E-06**	*No COCs		Ingestion Dermal Inhalation External exposure		**<1**	*No COCs		Ingestion Dermal Inhalation	
Future Industrial Worker (surface soil)	**<1.0E-06**	*No COCs		Ingestion Dermal Inhalation External exposure		**2.0**	Nickel Silver Vanadium	6% 55% 36%	Ingestion Dermal Inhalation	2% 98% 0%
Outdoor Worker (surface soil)	**1.1E-06**	Uranium-238	100%	Ingestion Dermal Inhalation External exposure	52% 50% 0% 48%	**1.8**	Iron Silver Vanadium	9% 52% 34%	Ingestion Dermal Inhalation	18% 82% 0%
Outdoor Worker (surface and subsurface soil)	**5.0E-05**	PCB, Total Uranium-238	94% 6%	Ingestion Dermal Inhalation External exposure	50% 47% 0% 3%	**1.3**	Iron Silver Vanadium	13% 31% 48%	Ingestion Dermal Inhalation	20% 80% 0%
Excavation Worker (surface and subsurface soil)	**1.0E-05**	PCB, Total	94%	Ingestion Dermal Inhalation External exposure	50% 47% 0% 3%	**1.3**	Iron Silver Vanadium	13% 31% 48%	Ingestion Dermal Inhalation	20% 80% 0%
Future Adult Resident (surface soil)	**2.6E-06**	Uranium-238	100%	Ingestion Dermal Inhalation External exposure	11% 0% 0% 89%	**5.0**	Iron Nickel Silver Vanadium	4% 6% 55% 36%	Ingestion Dermal Inhalation	3% 97% 0%
Future Child Resident (surface soil)	See Future Adult Resident					**12.9**	Iron Nickel Silver Vanadium	7% 6% 53% 35%	Ingestion Dermal Inhalation	10% 90% 0%

Table D8.7. Alternate Summary of Risk Characterization using KY ABS Values for SWMU 13, EU 7 (Continued)

Receptor	Total ELCR	COCs	% Total ELCR	Routes of Exposure	% Total ELCR	Total HI	COCs	% Total HI	Routes of Exposure	% Total HI
Future Adult Recreational User (surface soil)	**<1.0E-06**	*No COCs		Ingestion Dermal Inhalation External exposure		**1.5**	Silver Vanadium	55% 36%	Ingestion Dermal Inhalation	3% 97% 0%
Future Teen Recreational User (surface soil)	See Future Adult Recreational User					**4.6**	Iron Nickel Silver Vanadium	4% 6% 55% 36%	Ingestion Dermal Inhalation	2% 98% 0%
Future Child Recreational User (surface soil)	See Future Adult Recreational User					**5.1**	Iron Nickel Silver Vanadium	7% 6% 53% 35%	Ingestion Dermal Inhalation	10% 90% 0%

Total ELCR and total HI represent total risk or hazard summed across all routes of exposure for all COPCs.

*No COCs = There are no COCs.

ELCR for Future Adult Resident and Future Child Resident are the combined lifetime scenario.

ELCR for Future Adult Recreational User, Future Teen Recreational User and Future Child Recreational User are the combined lifetime scenario.