Table D8.2. Alternate Summary of Risk Characterization using KY ABS Values for SWMU 13, EU 2

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		**2.3**	Manganese Nickel Vanadium	67% 6% 24%	Ingestion Dermal Inhalation	2% 98% 0%
Outdoor Worker (surface soil)	**1.2E-06**	Uranium-238	100%	Ingestion Dermal Inhalation External exposure	52% 50% 0% 48%	**2.0**	Iron Manganese Nickel Vanadium	7% 64% 6% 23%	Ingestion Dermal Inhalation	17% 83% 0%
Outdoor Worker (surface and subsurface soil)	**2.3E-05**	Arsenic	97%	Ingestion Dermal Inhalation External exposure	81% 17% 0% 2%	**2.2**	Arsenic Iron Manganese Nickel Vanadium	6% 7% 60% 6% 22%	Ingestion Dermal Inhalation	20% 79% 0%
Excavation Worker (surface and subsurface soil)	**4.7E-06**	Arsenic	97%	Ingestion Dermal Inhalation External exposure	81% 17% 0% 2%	**2.2**	Arsenic Iron Manganese Nickel Vanadium	6% 7% 60% 6% 22%	Ingestion Dermal Inhalation	20% 79% 0%
Future Adult Resident (surface soil)	**2.8E-06**	Uranium-238	100%	Ingestion Dermal Inhalation External exposure	11% 0% 0% 89%	**5.7**	Iron Manganese Nickel Vanadium	3% 66% 6% 24%	Ingestion Dermal Inhalation	2% 97% 0%
Future Child Resident (surface soil)	See Future Adult Resident					**14.6**	Iron Manganese Nickel Vanadium	5% 65% 6% 24%	Ingestion Dermal Inhalation	10% 90% 0%

Table D8.2. Alternate Summary of Risk Characterization using KY ABS Values for SWMU 13, EU 2 (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		**1.7**	Manganese Nickel Vanadium	66% 6% 24%	Ingestion Dermal Inhalation	2% 98% 0%
Future Teen Recreational User (surface soil)	See Future Adult Recreational User					**5.2**	Iron Manganese Nickel Vanadium	3% 66% 6% 24%	Ingestion Dermal Inhalation	2% 98% 0%
Future Child Recreational User (surface soil)	See Future Adult Recreational User					**5.8**	Iron Manganese Nickel Vanadium	5% 65% 6% 24%	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.