Table D6.6. Summary of Risk Characterization for SWMU 13, EU 6

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)	**4.4E-06**	PCB, Total Uranium-238	45% 33%	Ingestion Dermal Inhalation External exposure	10% 50% 0% 40%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Future Industrial Worker (surface soil)	**7.8E-05**	PAH, Total PCB, Total Neptunium-237 Uranium-234 Uranium-235 Uranium-238	9% 45% 6% 1% 5% 33%	Ingestion Dermal Inhalation External exposure	10% 50% 0% 40%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Outdoor Worker (surface soil)	**1.1E-04**	PAH, Total PCB, Total Neptunium-237 Technetium-99 Uranium-234 Uranium-235 Uranium-238	9% 44% 4% 1% 6% 3% 33%	Ingestion Dermal Inhalation External exposure	52% 26% 0% 22%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Outdoor Worker (surface and subsurface soil)	**8.3E-05**	PAH, Total PCB, Total Cesium-137 Neptunium-237 Technetium-99 Uranium-234 Uranium-235 Uranium-238	16% 37% 2% 2% 2% 6% 3% 33%	Ingestion Dermal Inhalation External exposure	52% 26% 0% 22%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Excavation Worker (surface and subsurface soil)	**1.7E-05**	PAH, Total PCB, Total Uranium-234 Uranium-238	15% 37% 6% 33%	Ingestion Dermal Inhalation External exposure	52% 26% 0% 22%	**<1**	*No COCs		Ingestion Dermal Inhalation	

Table D6.6. Summary of Risk Characterization for SWMU 13, EU 6 (Continued)

Receptor	Total ELCR	COCs	% Total ELCR	Routes of Exposure	% Total ELCR	Total HI	COCs	% Total HI	Routes of Exposure	% Total HI
Future Adult Resident (surface soil)	**2.8E-04**	PAH, Total PCB, Total Neptunium-237 Uranium-234 Uranium-235 Uranium-238	10% 49% 6% 1% 4% 30%	Ingestion Dermal Inhalation External exposure	18% 45% 0% 36%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Future Child Resident (surface soil)	See Future Adult Resident					**1**	Iron Uranium Vanadium	56% 13% 31%	Ingestion Dermal Inhalation	100% 0% 0%
Future Adult Recreational User (surface soil)	**9.3E-05**	PAH, Total PCB, Total Neptunium-237 Uranium-234 Uranium-235 Uranium-238	14% 67% 2% 1% 2% 14%	Ingestion Dermal Inhalation External exposure	22% 64% 0% 14%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Future Teen Recreational User (surface soil)	See Future Adult Recreational User					**<1**	*No COCs		Ingestion Dermal Inhalation	
Future Child Recreational User (surface soil)	See Future Adult Recreational User					**<1**	*No COCs		Ingestion Dermal Inhalation	

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.