Table D6.22. Summary of Risk Characterization for SWMU 15, EU 8

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)	**1.9E-06**	*No COCs		Ingestion Dermal Inhalation External exposure	15% 70% 0% 15%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Future Industrial Worker (surface soil)	**3.4E-05**	Arsenic PAH, Total PCB, Total Neptunium-237 Uranium-238	24% 12% 48% 4% 12%	Ingestion Dermal Inhalation External exposure	15% 70% 0% 15%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Outdoor Worker (surface soil)	**5.7E-05**	Arsenic PAH, Total PCB, Total Neptunium-237 Uranium-238	40% 10% 38% 2% 10%	Ingestion Dermal Inhalation External exposure	62% 31% 0% 7%	**1.2**	Antimony Arsenic Iron Mercury Nickel	48% 12% 10% 9% 10%	Ingestion Dermal Inhalation	96% 3% 0%
Outdoor Worker (surface and subsurface soil)	**5.9E-05**	Arsenic PAH, Total PCB, Total Uranium-238	38% 7% 46% 6%	Ingestion Dermal Inhalation External exposure	62% 34% 0% 4%	**1.5**	Antimony Arsenic Iron Mercury Nickel	51% 9% 8% 12% 7%	Ingestion Dermal Inhalation	97% 3% 0%

Table D6.22. Summary of Risk Characterization for SWMU 15, EU 8 (Continued)

Receptor	Total ELCR	COCs	% Total ELCR	Routes of Exposure	% Total ELCR	Total HI	COCs	% Total HI	Routes of Exposure	% Total HI
Excavation Worker (surface and subsurface soil)	**1.2E-05**	Arsenic PCB, Total	38% 46%	Ingestion Dermal Inhalation External exposure	62% 34% 0% 4%	**1.5**	Antimony Arsenic Iron Mercury Nickel	51% 9% 8% 12% 7%	Ingestion Dermal Inhalation	97% 3% 0%
Future Adult Resident (surface soil)	**1.4E-04**	Arsenic PAH, Total PCB, Total Neptunium-237 Uranium-238	31% 11% 45% 3% 9%	Ingestion Dermal Inhalation External exposure	32% 57% 0% 12%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Future Child Resident (surface soil)	See Future Adult Resident					**5**	Antimony Arsenic Cadmium Iron Mercury Nickel Uranium	47% 14% 7% 10% 9% 9% 4%	Ingestion Dermal Inhalation	94% 6% 0%
Future Adult Recreational User (surface soil)	**5.8E-05**	Arsenic PAH, Total PCB, Total Uranium-238	33% 12% 50% 4%	Ingestion Dermal Inhalation External exposure	32% 64% 0% 4%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Future Teen Recreational User (surface soil)	See Future Adult Recreational User					**<1**	*No COCs		Ingestion Dermal Inhalation	

Table D6.22. Summary of Risk Characterization for SWMU 15, EU 8 (Continued)

Receptor	Total ELCR	COCs	% Total ELCR	Routes of Exposure	% Total ELCR	Total HI	COCs	% Total HI	Routes of Exposure	% Total HI
Total ELCR and total HI rep	See Future Adult Recreational User					**2**	Antimony	47%	Ingestion	94%
User (surface soil)							Arsenic	14%	Dermal	6%
							Cadmium	6%	Inhalation	0%
							Iron	10%		
							Mercury	8%		
							Nickel	9%		

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.