Table D6.15. Summary of Risk Characterization for SWMU 15, EU 1

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)	**1.6E-06**	PAH, Total	66%	Ingestion	17%	**<1**	*No COCs		Ingestion	
				Dermal	80%				Dermal	
				Inhalation	0%				Inhalation	
				External exposure	3%					
Future Industrial Worker (surface soil)	**2.9E-05**	Arsenic	31%	Ingestion	17%	**<1**	*No COCs		Ingestion	
		PAH, Total	66%	Dermal	80%				Dermal	
		Uranium-238	4%	Inhalation	0%				Inhalation	
				External exposure	3%					
Outdoor Worker (surface soil)	**5.3E-05**	Arsenic	47%	Ingestion	66%	**1.1**	Antimony	52%	Ingestion	96%
		PAH, Total	50%	Dermal	33%		Arsenic	15%	Dermal	4%
		Uranium-238	3%	Inhalation	0%		Iron	12%	Inhalation	0%
				External exposure	1%					
Outdoor Worker (surface and subsurface soil)	**4.7E-05**	Arsenic	56%	Ingestion	70%	**5.4**	Antimony	15%	Ingestion	99%
		PAH, Total	38%	Dermal	28%		Arsenic	3%	Dermal	1%
		Technetium-99	4%	Inhalation	0%		Cadmium	2%	Inhalation	0%
		Uranium-238	2%	External exposure	1%		Iron	2%		
							Thallium	73%		
Excavation Worker (surface and subsurface soil)	**9.3E-06**	Arsenic	56%	Ingestion	70%	**5.4**	Antimony	15%	Ingestion	99%
		PAH, Total	38%	Dermal	28%		Arsenic	3%	Dermal	1%
				Inhalation	0%		Cadmium	2%	Inhalation	0%
				External exposure	1%		Iron	2%		
							Thallium	73%		

Table D6.15. Summary of Risk Characterization for SWMU 15, EU 1 (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)	**1.3E-04**	Arsenic PAH, Total Uranium-238	37% 60% 3%	Ingestion Dermal Inhalation External exposure	36% 61% 0% 3%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Future Child Resident (surface soil)	See Future Adult Resident					**4.8**	Antimony Arsenic Cadmium Iron Nickel Thallium Uranium	50% 16% 6% 11% 7% 6% 3%	Ingestion Dermal Inhalation	93% 7% 0%
Future Adult Recreational User (surface soil)	**5.5E-05**	Arsenic PAH, Total	37% 62%	Ingestion Dermal Inhalation External exposure	34% 65% 0% 1%	**<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					**1.9**	Antimony Arsenic Cadmium Iron Nickel Thallium	50% 16% 6% 12% 7% 6%	Ingestion Dermal Inhalation	93% 7% 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.