Table D6.23. Summary of Risk Characterization for SWMU 15, EU 9

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)	**2.0E-06**	PCB, Total	58%	Ingestion	15%	**<1**	*No COCs		Ingestion	
				Dermal	74%				Dermal	
				Inhalation	0%				Inhalation	
				External exposure	11%					
Future Industrial Worker (surface soil)	**3.5E-05**	Arsenic	22%	Ingestion	15%	**<1**	*No COCs		Ingestion	
		PAH, Total	8%	Dermal	74%				Dermal	
		PCB, Total	58%	Inhalation	0%				Inhalation	
		Uranium-238	12%	External exposure	11%					
Outdoor Worker (surface soil)	**5.9E-05**	Arsenic	37%	Ingestion	62%	**1.3**	Antimony	63%	Ingestion	97%
		PAH, Total	6%	Dermal	33%		Arsenic	10%	Dermal	3%
		PCB, Total	47%	Inhalation	0%		Iron	9%	Inhalation	0%
		Uranium-238	10%	External exposure	5%					
Outdoor Worker (surface and subsurface soil)	**6.1E-05**	Arsenic	42%	Ingestion	64%	**1.9**	Antimony	49%	Ingestion	97%
		PAH, Total	5%	Dermal	33%		Arsenic	8%	Dermal	3%
		PCB, Total	46%	Inhalation	0%		Cadmium	6%	Inhalation	1%
		Uranium-238	6%	External exposure	3%		Iron	7%		
							Manganese	11%		
							Mercury	10%		
Excavation Worker (surface and subsurface soil)	**1.2E-05**	Arsenic	42%	Ingestion	64%	**1.9**	Antimony	49%	Ingestion	97%
		PCB, Total	46%	Dermal	33%		Arsenic	8%	Dermal	3%
				Inhalation	0%		Cadmium	6%	Inhalation	1%
				External exposure	3%		Iron	7%		
							Manganese	11%		
							Mercury	10%		

Table D6.23. Summary of Risk Characterization for SWMU 15, EU 9 (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)	**1.5E-04**	Arsenic	28%	Ingestion	31%	**<1**	*No COCs		Ingestion	
		PAH, Total	7%	Dermal	60%				Dermal	
		PCB, Total	55%	Inhalation	0%				Inhalation	
		Uranium-238	10%	External exposure	9%					
Future Child Resident (surface soil)	See Future Adult Resident					**5.8**	Antimony	62%	Ingestion	95%
							Arsenic	11%	Dermal	5%
							Cadmium	6%	Inhalation	0%
							Iron	9%		
							Nickel	7%		
							Uranium	2%		
							Vanadium	3%		
Future Adult Recreational User (surface soil)	**6.1E-05**	Arsenic	29%	Ingestion	31%	**<1**	*No COCs		Ingestion	
		PAH, Total	8%	Dermal	67%				Dermal	
		PCB, Total	59%	Inhalation	0%				Inhalation	
		Uranium-238	4%	External exposure	3%					
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					**2.3**	Antimony	62%	Ingestion	95%
							Arsenic	11%	Dermal	5%
							Cadmium	6%	Inhalation	0%
							Iron	9%		
Total ELCR and total HI represent total risk or hazard summed across all routes of exposure for all							Nickel	6%		

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.