Table D6.18. Summary of Risk Characterization for SWMU 15, EU 4

Receptor	Total ELCR	COCs	% Total ELCR	Routes of Exposure	% Total ELCR	Total HI	COCs	% Total HI	Routes of Exposure	% Total HI
Current Industrial Worker	**8.9E-06**	Arsenic	15%	Ingestion	13%	**<1**	*No COCs		Ingestion	
(surface soil)		PAH, Total	12%	Dermal	80%				Dermal	
		PCB, Total	65%	Inhalation	0%				Inhalation	
				External exposure	7%					
Future Industrial Worker	**1.6E-04**	Arsenic	15%	Ingestion	13%	**<1**	*No COCs		Ingestion	
(surface soil)		PAH, Total	12%	Dermal	80%				Dermal	
		PCB, Total	65%	Inhalation	0%				Inhalation	
		Neptunium-237	2%	External exposure	7%					
		Uranium-238	5%							
Outdoor Worker	**2.5E-04**	Arsenic	27%	Ingestion	59%	**2.9**	Antimony	20%	Ingestion	96%
(surface soil)		PAH, Total	11%	Dermal	38%		Arsenic	15%	Dermal	3%
		PCB, Total	55%	Inhalation	0%		Iron	10%	Inhalation	0%
		Neptunium-237	1%	External exposure	3%		Manganese	6%		
		Uranium-234	1%				Mercury	11%		
		Uranium-238	5%				Nickel	26%		
							Uranium	4%		
Outdoor Worker	**2.4E-04**	Arsenic	28%	Ingestion	59%	**9.4**	Antimony	8%	Ingestion	99%
(surface and subsurface		PAH, Total	8%	Dermal	38%		Arsenic	4%	Dermal	1%
soil)		PCB, Total	58%	Inhalation	0%		Iron	3%	Inhalation	0%
		Neptunium-237	1%	External exposure	2%		Manganese	2%		
		Uranium-234	1%				Mercury	5%		
		Uranium-238	3%				Nickel	8%		
							Thallium	67%		
							Uranium	1%		

Table D6.18. Summary of Risk Characterization for SWMU 15, EU 4 (Continued)

Receptor	Total ELCR	COCs	% Total ELCR	Routes of Exposure	% Total ELCR	Total HI	COCs	% Total HI	Routes of Exposure	% Total HI
Excavation Worker	**4.7E-05**	Arsenic	28%	Ingestion	59%	**9.4**	Antimony	8%	Ingestion	99%
(surface and subsurface		PAH, Total	8%	Dermal	38%		Arsenic	4%	Dermal	1%
soil)		PCB, Total	58%	Inhalation	0%		Iron	3%	Inhalation	0%
		Uranium-238	3%	External exposure	2%		Manganese	2%		
							Mercury	5%		
							Nickel	8%		
							Thallium	67%		
							Uranium	1%		
Future Adult Resident	**6.4E-04**	Arsenic	20%	Ingestion	29%	**1.4**	Antimony	16%	Ingestion	77%
(surface soil)		PAH, Total	12%	Dermal	66%		Arsenic	27%	Dermal	21%
		PCB, Total	62%	Inhalation	0%		Iron	8%	Inhalation	3%
		Neptunium-237	1%	External exposure	6%		Mercury	8%		
		Uranium-234	0%				Nickel	22%		
		Uranium-235	0%							
		Uranium-238	4%							
Future Child Resident	See Future Adult Resident					**12.5**	Antimony	20%	Ingestion	94%
(surface soil)							Arsenic	16%	Dermal	6%
							Cadmium	3%	Inhalation	0%
							Copper	2%		
							Iron	10%		
							Manganese	6%		
							Mercury	10%		
							Nickel	26%		
Total ELCR and total HI represent total risk or hazard summed across all routes of exposure for all COPCs..							Thallium	2%		
							Uranium	4%		
							Vanadium	2%		

Table D6.18. Summary of Risk Characterization for SWMU 15, EU 4 (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)	**2.7E-04**	Arsenic	20%	Ingestion	28%	**<1**	*No COCs		Ingestion	
		PAH, Total	10%	Dermal	71%				Dermal	
		PCB, Total	67%	Inhalation	0%				Inhalation	
		Neptunium-237	0%	External exposure	2%					
		Uranium-238	2%							
Future Teen Recreational User (surface soil)	See Future Adult Recreational User					**1.1**	Antimony	16%	Ingestion	75%
							Arsenic	30%	Dermal	25%
							Nickel	20%	Inhalation	0%
Future Child Recreational User (surface soil)	See Future Adult Recreational User					**5.0**	Antimony	20%	Ingestion	94%
							Arsenic	16%	Dermal	6%
							Cadmium	3%	Inhalation	0%
							Iron	10%		
							Manganese	6%		
							Mercury	10%		
							Nickel	26%		
							Uranium	4%		

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.