Table D6.19. Summary of Risk Characterization for SWMU 15, EU 5

Receptor	Total ELCR	COCs	% Total ELCR	Routes of Exposure	% Total ELCR	Total HI	COCs	% Total HI	Routes of Exposure	% Total HI
Current Industrial Worker	**6.0E-06**	PCB, Total	77%	Ingestion	11%	**<1**	*No COCs		Ingestion	
(surface soil)				Dermal	80%				Dermal	
				Inhalation	0%				Inhalation	
				External exposure	9%					
Future Industrial Worker	**1.1E-04**	Arsenic	8%	Ingestion	11%	**<1**	*No COCs		Ingestion	
(surface soil)		PAH, Total	5%	Dermal	80%				Dermal	
		PCB, Total	77%	Inhalation	0%				Inhalation	
		Neptunium-237	3%	External exposure	9%					
		Uranium-235	1%							
		Uranium-238	6%							
Outdoor Worker	**1.6E-04**	Arsenic	16%	Ingestion	54%	**1.8**	Antimony	42%	Ingestion	98%
(surface soil)		PAH, Total	5%	Dermal	41%		Arsenic	9%	Dermal	2%
		PCB, Total	71%	Inhalation	0%		Copper	24%	Inhalation	0%
		Neptunium-237	1%	External exposure	5%		Nickel	12%		
		Uranium-235	1%				Uranium	10%		
		Uranium-238	6%							
Outdoor Worker	**2.4E-04**	Arsenic	11%	Ingestion	53%	**2.4**	Antimony	38%	Ingestion	98%
(surface and subsurface		PAH, Total	2%	Dermal	45%		Arsenic	7%	Dermal	2%
		PCB, Total	83%	Inhalation	0%		Copper	18%	Inhalation	0%
		Neptunium-237	1%	External exposure	2%		Iron	4%		
		Uranium-238	3%				Manganese	4%		
							Mercury	8%		
							Nickel	9%		
							Uranium	7%		

Table D6.19. Summary of Risk Characterization for SWMU 15, EU 5 (Continued)

Receptor	Total ELCR	COCs	% Total ELCR	Routes of Exposure	% Total ELCR	Total HI	COCs	% Total HI	Routes of Exposure	% Total HI
Excavation Worker	**4.9E-05**	Arsenic	11%	Ingestion	53%	**2.4**	Antimony	38%	Ingestion	98%
(surface and subsurface		PAH, Total	2%	Dermal	45%		Arsenic	7%	Dermal	2%
soil)		PCB, Total	83%	Inhalation	0%		Copper	18%	Inhalation	0%
		Uranium-238	3%	External exposure	2%		Iron	4%		
							Manganese	4%		
							Mercury	8%		
							Nickel	9%		
							Uranium	7%		
Future Adult Resident	**4.3E-04**	Arsenic	11%	Ingestion	25%	**<1**	*No COCs		Ingestion	
(surface soil)		PAH, Total	5%	Dermal	67%				Dermal	
		PCB, Total	76%	Inhalation	0%				Inhalation	
		Neptunium-237	2%	External exposure	7%					
		Uranium-235	1%							
		Uranium-238	5%							
Future Child Resident	See Future Adult Resident					**7.8**	Antimony	41%	Ingestion	96%
(surface soil)							Arsenic	10%	Dermal	4%
							Cadmium	4%	Inhalation	0%
							Copper	23%		
							Nickel	12%		
							Uranium	10%		
Future Adult Recreational	**1.8E-04**	Arsenic	12%	Ingestion	24%	**<1**	*No COCs		Ingestion	
User (surface soil)		PAH, Total	6%	Dermal	73%				Dermal	
		PCB, Total	80%	Inhalation	0%				Inhalation	
Total ELCR and total HI represent total		Neptunium-237	1%	External exposure	2%					
		Uranium-238	2%							

Table D6.19. Summary of Risk Characterization for SWMU 15, EU 5 (Continued)

Receptor	Total ELCR	COCs	% Total ELCR	Routes of Exposure	% Total ELCR	Total HI	COCs	% Total HI	Routes of Exposure	% Total HI
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					**3.1**	Antimony Arsenic Cadmium Copper Nickel Uranium	41% 10% 4% 23% 12% 10%	Ingestion Dermal Inhalation	96% 4% 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.