Table D6.20. Summary of Risk Characterization for SWMU 15, EU 6

Receptor	Total ELCR	COCs	% Total ELCR	Routes of Exposure	% Total ELCR	Total HI	COCs	% Total HI	Routes of Exposure	% Total HI
Current Industrial Worker	**3.4E-06**	PAH, Total	30%	Ingestion	13%	**<1**	*No COCs		Ingestion	
(surface soil)		PCB, Total	33%	Dermal	67%				Dermal	
				Inhalation	0%				Inhalation	
				External exposure	20%					
Future Industrial Worker	**6.1E-05**	Arsenic	14%	Ingestion	13%	**<1**	*No COCs		Ingestion	
(surface soil)		PAH, Total	30%	Dermal	67%				Dermal	
		PCB, Total	33%	Inhalation	0%				Inhalation	
		Neptunium-237	4%	External exposure	20%					
		Uranium-235	3%							
		Uranium-238	15%							
Outdoor Worker	**9.6E-05**	Arsenic	26%	Ingestion	59%	**1.5**	Antimony	45%	Ingestion	97%
(surface soil)		PAH, Total	26%	Dermal	31%		Arsenic	10%	Dermal	3%
		PCB, Total	28%	Inhalation	0%		Cobalt	11%	Inhalation	0%
		Neptunium-237	2%	External exposure	10%		Iron	9%		
		Uranium-234	3%				Nickel	12%		
		Uranium-235	1%							
		Uranium-238	14%							
Outdoor Worker	**8.5E-05**	Arsenic	28%	Ingestion	60%	**1.8**	Antimony	42%	Ingestion	97%
(surface and subsurface		PAH, Total	23%	Dermal	32%		Arsenic	8%	Dermal	3%
soil)		PCB, Total	32%	Inhalation	0%		Cadmium	5%	Inhalation	0%
		Neptunium-237	2%	External exposure	8%		Cobalt	6%		
		Uranium-234	3%				Iron	8%		
		Uranium-235	1%				Mercury	10%		
		Uranium-238	12%				Nickel	10%		

Table D6.20. Summary of Risk Characterization for SWMU 15, EU 6 (Continued)

Receptor	Total ELCR	COCs	% Total ELCR	Routes of Exposure	% Total ELCR	Total HI	COCs	% Total HI	Routes of Exposure	% Total HI
Excavation Worker	**1.7E-05**	Arsenic	28%	Ingestion	60%	**1.8**	Antimony	42%	Ingestion	97%
(surface and subsurface		PAH, Total	23%	Dermal	32%		Arsenic	8%	Dermal	3%
soil)		PCB, Total	32%	Inhalation	0%		Cadmium	5%	Inhalation	0%
		Uranium-238	12%	External exposure	8%		Cobalt	6%		
							Iron	8%		
							Mercury	10%		
							Nickel	10%		
Future Adult Resident	**2.4E-04**	Arsenic	19%	Ingestion	27%	**<1**	*No COCs		Ingestion	
(surface soil)		PAH, Total	29%	Dermal	56%				Dermal	
		PCB, Total	32%	Inhalation	0%				Inhalation	
		Neptunium-237	3%	External exposure	17%					
		Uranium-234	1%							
		Uranium-235	2%							
		Uranium-238	13%							
Future Child Resident	See Future Adult Resident					**6.4**	Antimony	44%	Ingestion	95%
(surface soil)							Arsenic	12%	Dermal	5%
							Cadmium	5%	Inhalation	0%
							Cobalt	114%		
							Copper	2%		
							Iron	9%		
							Nickel	12%		
							Uranium	4%		
Future Adult Recreational	**9.5E-05**	Arsenic	21%	Ingestion	29%	**<1**	*No COCs		Ingestion	
Total ELCR and total HI represent total		PAH, Total	34%	Dermal	66%				Dermal	
		PCB, Total	37%	Inhalation	0%				Inhalation	
		Neptunium-237	1%	External exposure	5%					
		Uranium-238	5%							

Table D6.20. Summary of Risk Characterization for SWMU 15, EU 6 (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					**2.6**	Antimony Arsenic Cadmium Cobalt Iron Nickel Uranium	44% 12% 5% 11% 9% 12% 4%	Ingestion Dermal Inhalation	95% 5% 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.