Table D6.21. Summary of Risk Characterization for SWMU 15, EU 7

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)	**5.8E-06**	PCB, Total	81%	Ingestion	12%	**<1**	*No COCs		Ingestion	
				Dermal	82%				Dermal	
				Inhalation	0%				Inhalation	
				External exposure	5%					
Future Industrial Worker (surface soil)	**1.0E-04**	Arsenic	11%	Ingestion	12%	**<1**	*No COCs		Ingestion	
		PAH, Total	2%	Dermal	83%				Dermal	
		PCB, Total	81%	Inhalation	0%				Inhalation	
		Uranium-235	1%	External exposure	5%					
		Uranium-238	5%							
Outdoor Worker (surface soil)	**1.6E-04**	Arsenic	20%	Ingestion	57%	**2.2**	Antimony	48%	Ingestion	97%
		PAH, Total	2%	Dermal	40%		Arsenic	9%	Dermal	2%
		PCB, Total	72%	Inhalation	0%		Iron	7%	Inhalation	0%
		Uranium-234	1%	External exposure	3%		Manganese	7%		
		Uranium-235	1%				Nickel	16%		
		Uranium-238	4%							
Outdoor Worker (surface and subsurface soil)	**1.5E-04**	Arsenic	21%	Ingestion	57%	**2.2**	Antimony	50%	Ingestion	97%
		PAH, Total	1%	Dermal	41%		Arsenic	9%	Dermal	3%
		PCB, Total	73%	Inhalation	0%		Cadmium	5%	Inhalation	0%
		Uranium-234	1%	External exposure	2%		Iron	7%		
		Uranium-238	4%				Manganese	7%		
							Nickel	16%		

Table D6.21. Summary of Risk Characterization for SWMU 15, EU 7 (Continued)

Receptor	Total ELCR	COCs	% Total ELCR	Routes of Exposure	% Total ELCR	Total HI	COCs	% Total HI	Routes of Exposure	% Total HI
Excavation Worker	**3.1E-05**	Arsenic	21%	Ingestion	57%	**2.2**	Antimony	50%	Ingestion	97%
(surface and subsurface		PCB, Total	73%	Dermal	41%		Arsenic	9%	Dermal	3%
soil)		Uranium-238	4%	Inhalation	0%		Cadmium	5%	Inhalation	0%
				External exposure	2%		Iron	7%		
							Manganese	7%		
							Nickel	16%		
Future Adult Resident	**4.2E-04**	Arsenic	14%	Ingestion	27%	**1**	Antimony	40%	Ingestion	81%
(surface soil)		PAH, Total	2%	Dermal	68%		Arsenic	18%	Dermal	16%
		PCB, Total	79%	Inhalation	0%		Nickel	14%	Inhalation	3%
		Uranium-234	0%	External exposure	4%					
		Uranium-235	1%							
		Uranium-238	4%							
Future Child Resident	See Future Adult Resident					**9.3**	Antimony	47%	Ingestion	95%
(surface soil)							Arsenic	10%	Dermal	4%
							Cadmium	4%	Inhalation	0%
							Copper	3%		
							Iron	7%		
							Manganese	7%		
							Nickel	15%		
							Thallium	4%		
							Uranium	2%		

Table D6.21. Summary of Risk Characterization for SWMU 15, EU 7 (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)	**1.8E-04**	Arsenic	14%	Ingestion	26%	**<1**	*No COCs		Ingestion	
		PAH, Total	2%	Dermal	73%				Dermal	
		PCB, Total	82%	Inhalation	0%				Inhalation	
		Uranium-238	1%	External exposure	1%					
Future Teen Recreational	See Future Adult Recreational User					**<1**	*No COCs		Ingestion	
Total ELCR and total HI represent total risk or hazard summed across all routes of exposure for all COPCs..									Dermal	
									Inhalation	
Future Child Recreational User (surface soil)	See Future Adult Recreational User					**3.7**	Antimony	47%	Ingestion	96%
							Arsenic	10%	Dermal	4%
							Cadmium	4%	Inhalation	0%
							Copper	3%		
							Iron	7%		
							Manganese	7%		
							Nickel	15%		
							Thallium	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.