Table D6.24. Summary of Risk Characterization for SWMU 26 EU 1

Receptor	Total ELCR	COCs	% Total ELCR	Routes of Exposure	% Total ELCR	Total HI	COCs	% Total HI	Routes of Exposure	% Total HI
Current Industrial Worker	**4.3E-06**	PCB, Total	40%	Ingestion	10%	**<1**	*No COCs		Ingestion	
(surface soil)		Uranium-238	53%	Dermal	39%				Dermal	
				Inhalation	0%				Inhalation	
				External exposure	51%					
Future Industrial Worker	**7.8E-05**	PAH, Total	3%	Ingestion	10%	**<1**	*No COCs		Ingestion	
(surface soil)		PCB, Total	40%	Dermal	39%				Dermal	
		Uranium-235	4%	Inhalation	0%				Inhalation	
		Uranium-238	53%	External exposure	51%					
Outdoor Worker	**1.1E-04**	PAH, Total	3%	Ingestion	51%	**<1**	*No COCs		Ingestion	
(surface soil)		PCB, Total	39%	Dermal	21%				Dermal	
		Uranium-234	2%	Inhalation	0%				Inhalation	
		Uranium-235	3%	External exposure	28%					
		Uranium-238	53%							
Outdoor Worker	**1.2E-04**	Arsenic	17%	Ingestion	57%	**2.7**	Antimony	21%	Ingestion	98%
(surface and subsurface		PAH, Total	4%	Dermal	17%		Arsenic	5%	Dermal	1%
soil)		PCB, Total	24%	Inhalation	0%		Cobalt	5%	Inhalation	0%
		Uranium-234	2%	External exposure	26%		Iron	5%		
		Uranium-235	2%				Manganese	4%		
		Uranium-238	50%				Mercury	22%		
							Uranium	26%		
							Vanadium	4%		
Excavation Worker	**2.3E-05**	Arsenic	17%	Ingestion	57%	**2.7**	Antimony	21%	Ingestion	98%
(surface and subsurface		PCB, Total	24%	Dermal	17%		Arsenic	5%	Dermal	1%
soil)		Uranium-238	50%	Inhalation	0%		Cobalt	5%	Inhalation	0%
				External exposure	26%		Iron	5%		
							Manganese	4%		
							Mercury	22%		
							Uranium	26%		
							Vanadium	4%		

Table D6.24. Summary of Risk Characterization for SWMU 26 EU 1 (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)	**2.8E-04**	PAH, Total PCB, Total Uranium-234 Uranium-235 Uranium-238	3% 43% 0% 4% 49%	Ingestion Dermal Inhalation External exposure	16% 36% 0% 47%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Future Child Resident (surface soil)	See Future Adult Resident					**3.6**	Iron Uranium Vanadium	15% 74% 11%	Ingestion Dermal Inhalation	100% 0% 0%
Future Adult Recreational User (surface soil)	**8.1E-05**	PAH, Total PCB, Total Uranium-235 Uranium-238	5% 67% 2% 26%	Ingestion Dermal Inhalation External exposure	22% 57% 0% 20%	**<1**	*No COCs		Ingestion Dermal Inhalation	
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					**1.4**	Iron Uranium Vanadium	15% 74% 11%	Ingestion Dermal Inhalation	100% 0% 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.