Table D6.25. Summary of Risk Characterization for SWMU 26 EU 2

Receptor	Total ELCR	COCs	% Total ELCR	Routes of Exposure	% Total ELCR	Total HI	COCs	% Total HI	Routes of Exposure	% Total HI
Current Industrial Worker	**9.7E-06**	Arsenic	17%	Ingestion	9%	**<1**	*No COCs		Ingestion	
(surface soil)		Cesium-137	48%	Dermal	17%				Dermal	
		Uranium-238	18%	Inhalation	0%				Inhalation	
				External exposure	74%					
Future Industrial Worker	**1.7E-04**	Arsenic	17%	Ingestion	9%	**1.5**	Arsenic	13%	Ingestion	91%
(surface soil)		PCB, Total	6%	Dermal	17%		Cobalt	7%	Dermal	8%
		Cesium-137	48%	Inhalation	0%		Thallium	69%	Inhalation	1%
		Radium-228	6%	External exposure	74%		Uranium	7%		
		Uranium-235	4%							
		Uranium-238	18%							
Outdoor Worker	**2.3E-04**	Arsenic	37%	Ingestion	48%	**9.6**	Arsenic	5%	Ingestion	99%
(surface soil)		PCB, Total	6%	Dermal	10%		Cobalt	7%	Dermal	1%
		Cesium-137	28%	Inhalation	0%		Iron	2%	Inhalation	0%
		Radium-228	4%	External exposure	42%		Thallium	75%		
		Thorium-230	1%				Uranium	8%		
		Uranium-234	3%							
		Uranium-235	2%							
		Uranium-238	19%							
Outdoor Worker	**2.4E-04**	Arsenic	39%	Ingestion	51%	**10.3**	Antimony	20%	Ingestion	99%
(surface and subsurface		PAH, Total	2%	Dermal	16%		Arsenic	6%	Dermal	1%
soil)		PCB, Total	15%	Inhalation	0%		Cobalt	5%	Inhalation	0%
		Cesium-137	22%	External exposure	33%		Iron	2%		
		Radium-228	4%				Manganese	1%		
		Thorium-230	0%				Mercury	2%		
		Uranium-234	2%				Thallium	50%		
		Uranium-235	2%				Uranium	11%		
		Uranium-238	14%							

Table D6.25. Summary of Risk Characterization for SWMU 26 EU 2 (Continued)

Receptor	Total ELCR	COCs	% Total ELCR	Routes of Exposure	% Total ELCR	Total HI	COCs	% Total HI	Routes of Exposure	% Total HI
Excavation Worker	**5.4E-05**	Arsenic	35%	Ingestion	48%	**10.3**	Antimony	20%	Ingestion	99%
(surface and subsurface		PAH, Total	2%	Dermal	14%		Arsenic	6%	Dermal	1%
soil)		PCB, Total	13%	Inhalation	0%		Cobalt	5%	Inhalation	0%
		Cesium-137	25%	External exposure	38%		Iron	2%		
		Radium-228	8%				Manganese	1%		
		Uranium-238	12%				Mercury	2%		
							Thallium	50%		
							Uranium	11%		
Future Adult Resident	**6.3E-04**	Arsenic	25%	Ingestion	19%	**4.1**	Arsenic	12%	Ingestion	92%
(surface soil)		PCB, Total	7%	Dermal	16%		Cobalt	7%	Dermal	7%
		Cesium-137	43%	Inhalation	0%		Thallium	70%	Inhalation	1%
		Neptunium-237	0%	External exposure	66%		Uranium	7%		
		Radium-228	5%							
		Uranium-234	1%							
		Uranium-235	3%							
		Uranium-238	16%							
Future Child Resident	See Future Adult Resident					**40.7**	Aluminum	1%	Ingestion	98%
(surface soil)							Arsenic	6%	Dermal	2%
							Cobalt	7%	Inhalation	0%
							Iron	2%		
							Nickel	1%		
							Thallium	75%		
							Uranium	8%		
							Vanadium	1%		

Table D6.25. Summary of Risk Characterization for SWMU 26 EU 2 (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)	**1.5E-04**	Arsenic	47%	Ingestion	33%	**1.2**	Arsenic	12%	Ingestion	92%
		PCB, Total	13%	Dermal	32%		Thallium	70%	Dermal	8%
		Cesium-137	23%	Inhalation	0%				Inhalation	0%
		Radium-228	3%	External exposure	35%					
		Uranium-234	1%							
		Uranium-235	2%							
		Uranium-238	10%							
Future Teen Recreational User (surface soil)	See Future Adult Recreational User					**3.1**	Arsenic	13%	Ingestion	91%
							Cobalt	7%	Dermal	9%
							Thallium	69%	Inhalation	0%
							Uranium	7%		
Future Child Recreational User (surface soil)	See Future Adult Recreational User					**16.3**	Aluminum	1%	Ingestion	98%
							Arsenic	6%	Dermal	2%
							Cobalt	7%	Inhalation	0%
							Iron	2%		
							Nickel	1%		
							Thallium	75%		
							Uranium	8%		
							Vanadium	1%		

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.