Table D6.9. Summary of Risk Characterization for SWMU 13, EU 9

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)	**<1.0E-06**	*No COCs		Ingestion Dermal Inhalation External exposure		**<1**	*No COCs		Ingestion Dermal Inhalation	
Future Industrial Worker (surface soil)	**5.5E-06**	Neptunium-237 Uranium-238	50% 45%	Ingestion Dermal Inhalation External exposure	6% 5% 0% 89%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Outdoor Worker (surface soil)	**6.0E-06**	Neptunium-237 Uranium-238	36% 57%	Ingestion Dermal Inhalation External exposure	37% 3% 0% 60%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Outdoor Worker (surface and subsurface soil)	**4.1E-05**	Arsenic PAH, Total Cesium-137 Neptunium-237 Uranium-238	67% 17% 4% 4% 8%	Ingestion Dermal Inhalation External exposure	68% 20% 0% 12%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Excavation Worker (surface and subsurface soil)	**8.2E-06**	Arsenic PAH, Total	66% 17%	Ingestion Dermal Inhalation External exposure	67% 20% 0% 12%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Future Adult Resident (surface soil)	**1.8E-05**	PAH, Total Neptunium-237 Uranium-238	6% 49% 45%	Ingestion Dermal Inhalation External exposure	7% 5% 0% 88%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Future Child Resident (surface soil)	See Future Adult Resident					**<1**	*No COCs		Ingestion Dermal Inhalation	

Table D6.9. Summary of Risk Characterization for SWMU 13, EU 9 (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)	**2.9E-06**	Neptunium-237 Uranium-238	39% 43%	Ingestion Dermal Inhalation External exposure	17% 14% 0% 69%	**<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**	*No COCs		Ingestion Dermal Inhalation	

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.