Table D6.44. Summary of Risk Characterization for AOC 204 EU 12

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)	**2.7E-06**	Uranium-238	73%	Ingestion Dermal Inhalation External exposure	10% 24% 0% 66%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Outdoor Worker (surface soil)	**3.7E-06**	Uranium-238	73%	Ingestion Dermal Inhalation External exposure	52% 13% 0% 35%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Outdoor Worker (surface and subsurface soil)	**2.5E-05**	Arsenic Cesium-137 Uranium-238	77% 8% 11%	Ingestion Dermal Inhalation External exposure	71% 16% 0% 13%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Excavation Worker (surface and subsurface soil)	**5.1E-06**	Arsenic	76%	Ingestion Dermal Inhalation External exposure	70% 15% 0% 14%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Future Adult Resident (surface soil)	**9.4E-06**	PAH, Total Uranium-238	30% 70%	Ingestion Dermal Inhalation External exposure	15% 23% 0% 62%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Future Child Resident (surface soil)	See Future Adult Resident					**1.2**	Iron Thallium Vanadium	45% 23% 32%	Ingestion Dermal Inhalation	100% 0% 0%

Table D6.44. Summary of Risk Characterization for AOC 204 EU 12 (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)	**2.3E-06**	PAH, Total	56%	Ingestion Dermal Inhalation External exposure	24% 44% 0% 32%	**<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.