Table D6.46. Summary of Risk Characterization for AOC 204 EU 14

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)	**5.6E-06**	Arsenic	96%	Ingestion Dermal Inhalation External exposure	32% 66% 0% 2%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Future Industrial Worker (surface soil)	**1.0E-04**	Arsenic PAH, Total Uranium-238	96% 1% 3%	Ingestion Dermal Inhalation External exposure	32% 66% 0% 2%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Outdoor Worker (surface soil)	**2.8E-04**	Arsenic PAH, Total Uranium-238	98% 1% 1%	Ingestion Dermal Inhalation External exposure	82% 18% 0% 1%	**2.1**	Arsenic Iron Uranium	82% 7% 7%	Ingestion Dermal Inhalation	85% 15% 0%
Outdoor Worker (surface and subsurface soil)	**2.8E-04**	Arsenic PAH, Total Uranium-238	98% 1% 1%	Ingestion Dermal Inhalation External exposure	82% 18% 0% 1%	**2.2**	Arsenic Iron Manganese Uranium	78% 7% 5% 6%	Ingestion Dermal Inhalation	86% 14% 0%
Excavation Worker (surface and subsurface soil)	**5.5E-05**	Arsenic	98%	Ingestion Dermal Inhalation External exposure	82% 18% 0% 1%	**2.2**	Arsenic Iron Manganese Uranium	78% 7% 5% 6%	Ingestion Dermal Inhalation	86% 14% 0%
Future Adult Resident (surface soil)	**5.2E-04**	Arsenic PAH, Total Uranium-238	97% 1% 2%	Ingestion Dermal Inhalation External exposure	56% 42% 0% 1%	**1.7**	Arsenic	91%	Ingestion Dermal Inhalation	41% 59% 1%
Future Child Resident (surface soil)	See Future Adult Resident					**9.7**	Arsenic Iron Uranium Vanadium	84% 6% 6% 4%	Ingestion Dermal Inhalation	76% 24% 0%

Table D6.46. Summary of Risk Characterization for AOC 204 EU 14 (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)	**2.2E-04**	Arsenic	98%	Ingestion	54%	**<1**	*No COCs		Ingestion	
		PAH, Total	1%	Dermal	45%				Dermal	
		Uranium-238	1%	Inhalation	0%				Inhalation	
				External exposure	0%					
Future Teen Recreational User (surface soil)	See Future Adult Recreational User					**1.4**	Arsenic	92%	Ingestion	36%
									Dermal	64%
									Inhalation	0%
Future Child Recreational User (surface soil)	See Future Adult Recreational User					**3.9**	Arsenic	84%	Ingestion	76%
							Iron	6%	Dermal	24%
							Uranium	6%	Inhalation	0%
							Vanadium	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.