Table D6.47. Summary of Risk Characterization for AOC 204 EU 15

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)	**8.9E-06**	Cesium-137 Uranium-238	62% 36%	Ingestion Dermal Inhalation External exposure	4% 1% 0% 95%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Outdoor Worker (surface soil)	**8.9E-06**	Cesium-137 Uranium-238	47% 51%	Ingestion Dermal Inhalation External exposure	28% 1% 0% 71%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Outdoor Worker (surface and subsurface soil)	**1.2E-05**	PAH, Total Cesium-137 Uranium-238	25% 36% 39%	Ingestion Dermal Inhalation External exposure	34% 12% 0% 54%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Excavation Worker (surface and subsurface soil)	**2.5E-06**	Cesium-137	41%	Ingestion Dermal Inhalation External exposure	31% 11% 0% 58%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Future Adult Resident (surface soil)	**2.9E-05**	Cesium-137 Uranium-238	61% 37%	Ingestion Dermal Inhalation External exposure	5% 1% 0% 94%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Future Child Resident (surface soil)	See Future Adult Resident					**<1**	*No COCs		Ingestion Dermal Inhalation	

Table D6.47. Summary of Risk Characterization for AOC 204 EU 15 (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)	**4.1E-06**	Cesium-137 Uranium-238	55% 39%	Ingestion Dermal Inhalation External exposure	12% 5% 0% 83%	**<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.