Table D8.33. Alternate Summary of Risk Characterization using KY ABS Values for AOC 204, EU 1

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)	**6.3E-06**	PAH, Total	88%	Ingestion Dermal Inhalation External exposure	10% 79% 0% 11%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Outdoor Worker (surface soil)	**8.7E-06**	PAH, Total Uranium-238	88% 12%	Ingestion Dermal Inhalation External exposure	52% 42% 0% 6%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Outdoor Worker (surface and subsurface soil)	**8.7E-06**	PAH, Total Uranium-238	87% 13%	Ingestion Dermal Inhalation External exposure	52% 42% 0% 6%	**2.2**	Manganese Molybdenum Silver Vanadium	32% 15% 23% 27%	Ingestion Dermal Inhalation	23% 77% 0%
Excavation Worker (surface and subsurface soil)	**1.8E-06**	PAH, Total	87%	Ingestion Dermal Inhalation External exposure	52% 42% 0% 6%	**2.2**	Manganese Molybdenum Silver Vanadium	32% 15% 23% 27%	Ingestion Dermal Inhalation	23% 77% 0%
Future Adult Resident (surface soil)	**2.4E-05**	PAH, Total Uranium-238	89% 10%	Ingestion Dermal Inhalation External exposure	22% 68% 0% 9%	**2.1**	Molybdenum Vanadium	12% 85%	Ingestion Dermal Inhalation	5% 95% 0%
Future Child Resident (surface soil)	See Future Adult Resident					**5.7**	Aluminum Molybdenum Vanadium	4% 19% 77%	Ingestion Dermal Inhalation	19% 81% 0%

Table D8.33. Alternate Summary of Risk Characterization using KY ABS Values for AOC 204, EU 1 (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)	**1.0E-05**	PAH, Total	96%	Ingestion Dermal Inhalation External exposure	22% 75% 0% 3%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Future Teen Recreational User (surface soil)	See Future Adult Recreational User					**1.9**	Molybdenum Vanadium	11% 86%	Ingestion Dermal Inhalation	4% 96% 0%
Future Child Recreational User (surface soil)	See Future Adult Recreational User					**2.3**	Aluminum Molybdenum Vanadium	4% 19% 77%	Ingestion Dermal Inhalation	19% 81% 0%

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.