Table D6.29. Summary of Risk Characterization for SWMU 77

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)	**1.5E-06**	*No COCs		Ingestion Dermal Inhalation External exposure	11% 58% 0% 31%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Future Industrial Worker (surface soil)	**2.7E-05**	PCB, Total Uranium-238	61% 34%	Ingestion Dermal Inhalation External exposure	11% 58% 0% 31%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Outdoor Worker (surface soil)	**4.0E-05**	PAH, Total PCB, Total Thorium-230 Uranium-238	3% 55% 10% 33%	Ingestion Dermal Inhalation External exposure	55% 29% 0% 16%	**1**	Iron Uranium Vanadium	22% 68% 10%	Ingestion Dermal Inhalation	100% 0% 0%
Outdoor Worker (surface and subsurface soil)	**4.0E-05**	PAH, Total PCB, Total Thorium-230 Uranium-238	3% 55% 10% 33%	Ingestion Dermal Inhalation External exposure	55% 29% 0% 16%	**1**	Iron Uranium Vanadium	22% 68% 10%	Ingestion Dermal Inhalation	100% 0% 0%
Excavation Worker (surface and subsurface soil)	**7.9E-06**	PCB, Total Uranium-238	55% 32%	Ingestion Dermal Inhalation External exposure	55% 29% 0% 16%	**1**	Iron Uranium Vanadium	22% 68% 10%	Ingestion Dermal Inhalation	100% 0% 0%
Future Adult Resident (surface soil)	**1.0E-04**	PAH, Total PCB, Total Thorium-230 Uranium-238	3% 64% 2% 31%	Ingestion Dermal Inhalation External exposure	20% 52% 0% 27%	**<1**	*No COCs		Ingestion Dermal Inhalation	
Future Child Resident (surface soil)	See Future Adult Resident					**4.2**	Iron Uranium Vanadium	22% 68% 10%	Ingestion Dermal Inhalation	100% 0% 0%

Table D6.29. Summary of Risk Characterization for SWMU 77 (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)	**3.6E-05**	PAH, Total PCB, Total Uranium-238	4% 81% 13%	Ingestion Dermal Inhalation External exposure	23% 67% 0% 10%	**<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					**1.7**	Iron Uranium Vanadium	22% 68% 10%	Ingestion Dermal Inhalation	100% 0% 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.