Table D8.30. Alternate Summary of Risk Characterization using KY ABS Values for SWMU 80, 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)	**2.2E-05**	PCB, Total	99%	Ingestion	10%	**<1**	*No COCs		Ingestion	
				Dermal	90%				Dermal	
				Inhalation	0%				Inhalation	
				External exposure	0%					
Future Industrial Worker (surface soil)	**4.0E-04**	Dioxins/Furans, Total	1%	Ingestion	10%	**<1**	*No COCs		Ingestion	
		PCB, Total	99%	Dermal	90%				Dermal	
				Inhalation	0%				Inhalation	
				External exposure	0%					
Outdoor Worker (surface soil)	**5.4E-04**	Dioxins/Furans, Total	3%	Ingestion	51%	**<1**	*No COCs		Ingestion	
		PCB, Total	97%	Dermal	49%				Dermal	
				Inhalation	0%				Inhalation	
				External exposure	0%					
Outdoor Worker (surface and subsurface soil)	**5.2E-04**	PCB, Total	100%	Ingestion	50%	**<1**	*No COCs		Ingestion	
				Dermal	50%				Dermal	
				Inhalation	0%				Inhalation	
				External exposure	0%					
Excavation Worker (surface and subsurface soil)	**1.1E-04**	PCB, Total	100%	Ingestion	50%	**<1**	*No COCs		Ingestion	
				Dermal	50%				Dermal	
				Inhalation	0%				Inhalation	
				External exposure	0%					
Future Adult Resident (surface soil)	**1.6E-03**	Dioxins/Furans, Total	2%	Ingestion	23%	**<1**	*No COCs		Ingestion	
		PCB, Total	98%	Dermal	77%				Dermal	
				Inhalation	0%				Inhalation	
				External exposure	0%					
Future Child Resident (surface soil)	See Future Adult Resident					**2.3**	Uranium	30%	Ingestion	88%
							Dioxins/Furans, Total	70%	Dermal	12%
									Inhalation	0%

Table D8.30. Alternate Summary of Risk Characterization using KY ABS Values for SWMU 80, 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)	**7.1E-04**	Dioxins/Furans, Total PCB, Total	2% 98%	Ingestion Dermal Inhalation External exposure	21% 79% 0% 0%	**<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.