Table 4-41. Risks[a] to Population and Maximally Exposed Individual Attributable to Atmospherically Released Nonradiological Carcinogens for Elimination Strategy

Site	1985 exposure			2085 exposure			2985 exposure			
	Population	Maximum exposed individual	Major contributor	Population	Maximum exposed individual	Major contributor	Population	Maximum exposed individual	Major contributor	
SRL seepage basins	6.31×10^{-7}	NS	Arsenic	0	0	-	0	0	-	TC
F-Area seepage basins	NS	NS	-	0	0	-	0	0	-	
Radioactive burial grounds	8.22×10^{-8}	NS	Cadmium	0	0	-	0	0	-	
Silverton Road waste site	NS	NS	-	NS	NS	-	0	0	-	TC
HFI spill area	-	-	-	-	-	-	-	-	-	TC
CMP pit 19G	NS	NS	-	0	0	-	0	0	-	
CMP pit 18.3G	NS	NS	-	NS	NS	-	0	0	-	
CMP pits 18.1G and 18.2G	NS	NS	-	NS	NS	-	0	0	-	
CMP pit 17.1G	0	0	-	0	0	-	0	0	-	TC
CMP pit 17G	1.20×10^{-7}	NS	Toxaphene	NS	NS	-	0	0	-	
Old TNX seepage basin	7.06×10^{-8}	NS	Chromium VI	NS	NS	-	0	0	-	
Old TNX seepage basin outfall	-	-	-	-	-	-	-	-	-	
Motor shop oil basins	-	-	-	-	-	-	-	-	-	
SRP oil test site	-	-	-	-	-	-	-	-	-	
Gunsite 720 rubble pit	-	-	-	-	-	-	-	-	-	TC
Metallurgical laboratory basin	NS	NS	-	NS	NS	-	NS	NS	-	
Lost Lake	2.74×10^{-6}	NS	Chromium VI	7.64×10^{-8}	NS	Chromium VI	NS	NS	-	
M-Area overflow ditch and adjacent seepage area	5.04×10^{-6}	NS	Nickel	1.66×10^{-6}	NS	Nickel	NS	NS	-	
L-Area oil and chemical basin	1.03×10^{-7}	NS	Chromium VI	NS	NS	-	0	0	-	
D-Area oil basin	NS	NS	-	NS	NS	-	0	0	-	
M-Area air stripper	8.98×10^{-4}	1.51×10^{-8}	Trichloro-ethylene	-	-	-	-	-	-	
M-Area settling basin and process sewer line	2.38×10^{-7}	NS	Nickel	NS	NS	-	0	0	-	

Footnotes on last page of table.

Table 4-41 Risks[a] to Population and Maximally Exposed Individual Attributable to Atmospherically Released Nonradiological Carcinogens for Elimination Strategy (continued)

Site	1985 exposure			2085 exposure			2985 exposure			
	Population	Maximum exposed individual	Major contributor	Population	Maximum exposed individual	Major contributor	Population	Maximum exposed individual	Major contributor	
H-Area seepage basin	1.18×10^{-7}	NS	Chromium VI	0	0	-	0	0	-	TC
Ford Building seepage basin	NS	NS	-	0	0	-	0	0	-	TC
Road A chemical basin	-	-	-	-	-	-	-	-	-	TC
Acid/caustic basins	NS	NS	-	0	0	-	0	0	-	TC
Old F-Area seepage basin	NS	NS	-	NS	NS	-	NS	NS	-	TC
New TNX seepage basin	NS	NS	-	NS	NS	-	0	0	-	TC
Burning/rubble pits	1.12×10^{-6}	-	Chromium VI	7.28×10^{-8}	-	Chromium VI	NS	NS	-	TC
Metals burning pit	NS	NS	-	NS	NS	-	NS	NS	-	TC
TOTAL[c]	9.07×10^{-4}	1.51×10^{-8}	-	1.81×10^{-6}	NS	-	NS	NS	-	

[a]Risks to the population are the number of excess cancers; risks to the maximally exposed individual are the excess lifetime cancer probabilities.
[b]NS = Not significant; risk to the maximally exposed individual is less than 1.0×10^{-8}; associated risk to the population is also not significant.
[c]Total risks include contributions from sites designated NS.