

Table 4-31. Risks^a to Population and Maximally Exposed Individual Attributable to Atmospheric Nonradiological Carcinogens for Dedication 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	0	0	-	0	0	-	0	0	-
F-Area seepage basins	0	0	-	0	0	-	0	0	-
Radioactive burial grounds	0	0	-	0	0	-	0	0	-
Silverton Road waste site	0	0	-	NS	NS	-	0	0	-
HFI spill area	-	-	-	-	-	-	-	-	-
CMP pit 19G	0	0	-	0	0	-	0	0	-
CMP pit 18.3G	2.71×10^{-8}	NS	Chloro-ethylene	NS	NS	-	0	0	-
CMP pits 18.1G or 18.2G	3.58×10^{-8}	NS	Trichloro-ethylene	NS	NS	-	0	0	-
CMP pit 17.1G	0	0	-	0	0	-	0	0	-
CMP pit 17G	1.21×10^{-5}	NS	Toxaphene	NS	NS	-	0	0	-
Old TNX seepage basin	0	0	-	NS	NS	-	0	0	-
Old TNX seepage basin outfall	-	-	-	-	-	-	-	-	-
Motor shop oil basin	-	-	-	-	-	-	-	-	-
SRP oil test site	0	0	-	0	0	-	0	0	-
Gunsite 720 rubble pit	0	0	-	0	0	-	0	0	-
Metallurgical laboratory basin	0	0	-	NS	NS	-	NS	0	-
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	0	0	-	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	0	0	-	NS	NS	-	NS	NS	-

Footnotes on last page of table.

Table 4-31. Risks^a to Population and Maximally Exposed Individual Attributable to Atmospheric Nonradiological Carcinogens for Dedication 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	0	0	-	0	0	-	0	0	-
Ford Building seepage basin	0	0	-	0	0	-	0	0	-
Road A chemical basin	-	-	-	-	-	-	-	-	-
Acid/caustic basins	NS	NS	-	NS	NS	-	0	0	-
Old F-Area seepage basin	0	0	-	NS	NS	-	*NS	NS	-
New TNX seepage basin	0	0	-	NS	NS	-	0	0	-
Burning/rubble pits	3.31 x 10 ⁻⁵	NS	Chromium VI	7.54 x 10 ⁻⁶	NS	Chromium VI	NS	NS	-
Metals burning pit	0	0	-	NS	NS	-	NS	NS	-
TOTAL ^c	9.43 x 10 ⁻⁴	1.58 x 10 ⁻⁸	-	9.28 x 10 ⁻⁶	1.16 x 10 ⁻⁸	-	NS	NS	-

^aRisks to the population are the number of excess cancers; risks to the maximally exposed individual are the excess lifetime cancer probabilities.

^bNS = Not significant; incremental risk to maximally exposed individual is less than 1.0 x 10⁻⁸; associated risk to the population is also not significant.

^cTotal risks include contributions from sites designated NS.