

Table 4-16. Risks^a to the Population and the Maximally Exposed Individual Attributable to Atmospheric Nonradiological Carcinogens for No Action

Site	1985 releases			2085 releases			2985 releases		
	Population	Maximum exposed individual	Major contributor	Population	Maximum exposed individual	Major contributor	Population	Maximum exposed individual	Major contributor
SRL seepage basins	1.33×10^{-3}	2.3×10^{-8}	Chromium VI, Arsenic	6.51×10^{-5}	1.61×10^{-8}	Chromium VI	NS ^b	NS	-
F-Area seepage basins	1.97×10^{-5}	NS	Chromium VI	4.56×10^{-6}	NS	Chromium VI	NS	NS	-
Radioactive burial grounds	0	0	-	0	0	-	0	0	-
Silverton Road waste site	NS	NS	-	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	Chloroethylene	NS	NS	-	0	0	-
CMP pits 18.1G or 18.2G	3.58×10^{-8}	NS	Trichloroethylene	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	NS	NS	-	NS	NS	-	0	0	-
Old TNX seepage basin outfall	1.33×10^{-4}	NS	Chromium VI	4.44×10^{-5}	1.10×10^{-8}	Chromium VI	NS	NS	-
Motor shop oil basin	-	-	-	-	-	-	-	-	-
SRP oil test site	-	-	-	-	-	-	-	-	-
Gunsite 720 rubble pit	-	-	-	-	-	-	-	-	-
Metallurgical laboratory basin	9.01×10^{-6}	NS	Chromium VI	1.98×10^{-6}	NS	Chromium VI	NS	NS	-
Lost Lake	3.50×10^{-5}	NS	Chromium VI	7.64×10^{-6}	NS	Chromium VI	NS	NS	-
M-Area overflow ditch and adjacent seepage area	2.15×10^{-4}	NS	Nickel	1.66×10^{-4}	4.11×10^{-8}	Nickel	2.36×10^{-8}	NS	Nickel
L-Area oil and chemical basin	5.88×10^{-4}	NS	Chromium VI	1.49×10^{-4}	3.70×10^{-8}	Chromium VI	NS	NS	-
D-Area oil basin	NS	NS	-	NS	NS	-	0	0	-
M-Area air stripper	8.98×10^{-4}	1.51×10^{-8}	Trichloroethylene	-	-	-	-	-	-

Footnotes on last page of table.

Table 4-16. Risks^a to the Population and the Maximally Exposed Individual Attributable to Atmospheric Nonradiological Carcinogens for No Action (continued)

Site	1985 releases			2085 releases			2985 releases		
	Population	Maximum exposed individual	Major contributor	Population	Maximum exposed individual	Major contributor	Population	Maximum exposed individual	Major contributor
M-Area settling basin and process sewerline	2.35×10^{-4}	NS	Nickel	1.98×10^{-4}	4.92×10^{-8}	Nickel	1.77×10^{-8}	NS	Nickel
H-Area seepage basin	2.25×10^{-4}	NS	Chromium VI	5.52×10^{-5}	1.37×10^{-8}	Chromium VI	NS	NS	
Ford Building seepage basin	7.8×10^{-6}	NS	Chromium VI	1.8×10^{-6}	NS	Chromium VI	NS	NS	-
Road A chemical basin	-	-	-	-	-	-	-	-	-
Acid/caustic basins	6.32×10^{-6}	NS	Arsenic, Chromium VI	6.05×10^{-7}	NS	Chromium VI	NS	NS	-
Old F-Area seepage basin	7.21×10^{-7}	NS	Cadmium, Chromium VI	4.68×10^{-8}	NS	Chromium VI	NS	NS	-
New TNX seepage basin	1.37×10^{-5}	NS	Chromium VI	7.13×10^{-6}	NS	Chromium VI	NS	NS	-
Burning/rubble	3.31×10^{-5}	NS	Chromium VI	7.54×10^{-6}	NS	Chromium VI	NS	NS	-
Metals burning pit	NS	NS	-	NS	NS	-	NS	NS	-
TOTAL ^c	3.75×10^{-3}	5.59×10^{-8}		7.08×10^{-4}	1.72×10^{-6}		4.72×10^{-8}	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 lifetime risk to the maximally exposed individual is less than 1.0×10^{-8} ; associated risk to the population is also not significant.

^cTotal risks include contributions from sites designated NS.