

**TABLE 4.7.2.1-1.—Estimated Maximum Fence Line Concentration of
Criteria Pollutants for the 2,000, 1,000, and 500 Weapons Levels**

POLLUTANT	AVERAGING TIME	NAAQS $\mu\text{g}/\text{m}^3$	MAXIMUM FENCE LINE CONCENTRATION $\mu\text{g}/\text{m}^3$		
			2,000 LEVEL	1,000 LEVEL	500 LEVEL
CO - 45.4 kg (100 lb) HE	1-hour	4.00×10^4	9.24×10^2	9.24×10^2	9.23×10^2
	8-hour	1.00×10^4	1.61×10^2	1.61×10^2	1.61×10^2
CO - 363 kg (800 lb) HE	1-hour	4.00×10^4	9.24×10^2	9.24×10^2	9.23×10^2
	8-hour	1.00×10^4	1.61×10^2	1.61×10^2	1.61×10^2
CO - BGU	1-hour	4.00×10^4	2.90×10^3	2.90×10^3	2.90×10^3
	8-hour	1.00×10^4	6.02×10^2	6.02×10^2	6.02×10^2
Lead	1st Qtr	1.50	1.02×10^{-3}	5.10×10^{-4}	2.55×10^{-4}
	2nd Qtr	1.50	9.64×10^{-4}	4.82×10^{-4}	2.41×10^{-4}
	3rd Qtr	1.50	1.58×10^{-3}	7.90×10^{-4}	3.95×10^{-4}
	4th Qtr	1.50	9.50×10^{-3}	3.25×10^{-3}	1.62×10^{-3}
Lead - BGU	1st Qtr	1.50	2.28×10^{-2}	1.89×10^{-2}	1.87×10^{-2}
	2nd Qtr	1.50	6.62×10^{-2}	3.22×10^{-2}	3.20×10^{-2}
	3rd Qtr	1.50	9.36×10^{-2}	4.41×10^{-2}	4.38×10^{-2}
	4th Qtr	1.50	4.14×10^{-2}	2.08×10^{-2}	2.08×10^{-2}
NO ₂ - 45.4 kg (100 lb) HE	Annual	1.00×10^2	2.15	2.15	2.15
NO ₂ - 363 kg (800 lb) HE	Annual	1.00×10^2	6.39×10^{-1}	6.26×10^{-1}	6.19×10^{-1}
NO ₂ - BGU	Annual	1.00×10^2	5.42×10^{-1}	5.28×10^{-1}	5.21×10^{-1}
PM ₁₀ - 45.4 kg (100 lb) HE	Annual	5.00×10^1	8.73	8.68	8.67
	24-hour	1.50×10^2	8.85×10^1	8.84×10^1	8.83×10^1
PM ₁₀ - 363 kg (800 lb) HE	Annual	5.00×10^1	1.51	7.64×10^{-1}	5.63×10^{-1}
	24-hour	1.50×10^2	2.24×10^1	9.97	9.84
SO ₂ - BGU	Annual	8.00×10^1	0.00	0.00	0.00
	24-hour	3.65×10^2	2.00×10^{-5}	2.00×10^{-5}	2.00×10^{-5}
	3-hour	1.30×10^3	8.00×10^{-5}	8.00×10^{-5}	8.00×10^{-5}
	30-minute	1.02×10^3	1.60×10^{-4}	1.60×10^{-4}	1.60×10^{-4}

Note: Table shows the ISCST2 and ISCLT2 modeling results (maximum fence line concentrations).

BGU - Burning Ground Upgrade

Source: TNRCC 1993a