

## Model Predicted versus Associated Standards

### Predicted PM2.5 Concentration vs. Standard

Averaging Period	Predicted Concentration (micrograms/m3)	NAAQS Standard (micrograms/m3)	Less Than Standard? (Y/N)	Percent of Standard (%)
24-hour	3.20	35	Y	9.15%
Annual	0.29	12	Y	2.44%

### Predicted PM10 Concentration vs. Standard

Averaging Period	Predicted Concentration (micrograms/m3)	NAAQS Standard (micrograms/m3)	Less Than Standard? (Y/N)	Percent of Standard (%)
24-hour	10.31	150	Y	6.87%
Annual	0.94	50 LDEQ AAS	Y	1.89%

### Predicted NOx Concentration vs. Standard

Averaging Period	Predicted Concentration (micrograms/m3)	NAAQS Standard (micrograms/m3)	Less Than Standard? (Y/N)	Percent of Standard (%)
1-hour	35.36	188	Y	18.81%
Annual	0.12	100	Y	0.12%

### Predicted CO Concentration vs. Standard

Averaging Period	Predicted Concentration (micrograms/m3)	NAAQS Standard (micrograms/m3)	Less Than Standard? (Y/N)	Percent of Standard (%)
1-hour	5598.43	40000	Y	14.00%
8-hour	2469.22	10000	Y	24.69%

### Predicted 2,4-dinitrotoluene Concentration vs. Standard

Averaging Period	Predicted Concentration (micrograms/m3)	LDEQ AAS Standard (micrograms/m3)	Less Than Standard? (Y/N)	Percent of Standard (%)
8-hour	6.50E-06	4.76	Y	0.00014%

### Predicted 2,6-dinitrotoluene Concentration vs. Standard

Averaging Period	Predicted Concentration (micrograms/m3)	LDEQ AAS Standard (micrograms/m3)	Less Than Standard? (Y/N)	Percent of Standard (%)
8-hour	6.50E-07	4.76	Y	0.000014%

#### Predicted Dibutyl Phthalate Concentration vs. Standard

Averaging Period	Predicted Concentration* (micrograms/m3)	LDEQ AAS Standard (micrograms/m3)	Less Than Standard? (Y/N)	Percent of Standard (%)
8-hour	38.34	119	Y	32.22%

\*An emission factor for dibutyl phthalate is not available in either the AP-42 and OBODM documentation. Because the dibutyl phthalate emissions would be accounted for in the particulate matter emissions, the PM2.5 emission factor is assumed a conservative emission factor in determining the predicted dibutyl phthalate concentration for comparison with the associated standard.

#### Predicted Diphenylamine Concentration vs. Standard

Averaging Period	Predicted Concentration (micrograms/m3)	TCEQ Standard (micrograms/m3)*	Less Than Standard? (Y/N)	Percent of Standard (%)
1-hour	3.83E-06	100	Y	.0000038

\*LDEQ did not have an AAS for diphenylamine. The TCEQ one hour effects screening level was used.