

Sampling Date	PM2.5* (µg/m³)	Total Lead (PM2.5) (µg/m³)	TSP** (µg/m³)	Total Lead (TSP) (µg/m³)
20-Jun-10	8.5	<0.07	13.2	<0.07
23-Jun-10	4.5	<0.07	14.8	<0.07
29-Jun-10	4.4	<0.07	29.0	<0.07
04-Jul-10	2.2	<0.07	15.6	<0.07
05-Jul-10	6.5	<0.07	17.4	<0.07
10-Jul-10	6.1	<0.07	11.6	0.084
17-Jul-10	1.5	<0.07	17.0	<0.07
18-Jul-10	No Data	<0.07	13.1	<0.07
19-Jul-10	No Data	<0.07	14.5	<0.07
28-Jul-10	2.8	<0.07	9.0	0.087
29-Aug-10	4.3	<0.07	37.8	0.12
30-Aug-10	3.0	<0.07	40.3	0.13
06-Sep-10	3.7	<0.07	53.5	0.15
07-Sep-10	3.9	<0.07	53.0	0.20
25-Sep-10	3.0	<0.07	51.1	<0.07

*PM2.5 particulate matter less than or equal to 2.5 microns

**TSP total suspended particulate (which includes PM2.5)

Units of measurement for PM2.5, TSP and Total Lead are µg/m³ (micrograms per cubic meter) per twenty-four hour averaging period.

Selection of samples for lead analyses was based on days with the highest total suspended particulate values in an effort to determine the greatest exposure to atmospheric lead from dust.

"No Data" indicates instrument was offline during sampling period due to routine maintenance or instrument malfunction.

The lead analyses were determined by an external accredited laboratory. The detection limit is 0.07 µg/m³ per twenty-four hour sampling period.

<0.07 indicates less than the lowest measurable amount.

All samples collected from PM2.5 and TSP instruments contained lead levels well below the regulatory limit of 2.0 total micrograms of lead in free and combined forms per cubic meter of air per twenty-four hour sampling period as per the *Air Pollution Control Regulations, 2004* under the *Environmental Protection Act*.