

INTEROFFICE MEMORANDUM

Date: August 05, 2005
 To: Arthur L. Williams, Director
 From: Arthur Chang, Technical Services Supervisor
 Re: July 2005 FRM PM_{2.5} Monitoring Update Report

This is a report of July 2005 Federal Reference Method PM_{2.5} monthly averages, annual averages, 3-year annual design values, and year-to-year comparison data summaries. (These data are subject to further quality assurance and are not final.)

July 2005

Table 1. PM_{2.5} Monthly Data Summary (µg/m³)

	Daily Maximum	Daily Minimum		Monthly
Site Name	Conc. & Date	Conc. & Date	Run Time	Average
Southwick	34.7 (07/24)	9.7 (07/28)	93.5 %	19.4
Wyandotte	32.1 (07/24)	9.2 (07/28)	96.8 %	19.7
Barret	35.2 (07/24)	10.1 (07/18)	100.0 %	19.1
Watson	28.9 (07/14)	15.0 (07/28)	100.0 %	22.5
Overall				19.7

The 24-hour average standard is 65 µg/m³.

Table 2. PM_{2.5} Design Values and Year-to-Date Annual Mean Comparisons

Site Name	Annual Mean (ug/m³)							Annual Design Values (1999-2001)	Annual Design Values (2000-2002)	Annual Design Values (2001-2003)	Annual Design Values (2002-2004)	Annual Design Values (2003-2005)³
	2005 Year-To-Date	2004	2003	2002	2001	2000	1999					
Southwick/ <i>Firearms Trn¹</i>	16.1	14.6	15.4	17.2	17.1/ 18.7 ¹	17.3	17.5	N/A	N/A	N/A	15.7²	~15.3²
Wyandotte	15.5	14.1	15.2	17.5	17.7	16.7	16.9	17.1²	17.3²	16.8²	15.6	~14.9
Barret	15.6	14.0	15.2	16.3	16.9	16.7	17.2	16.9	16.6	16.1	15.1	~14.9
Watson	16.0	12.7	15.1	15.3	16.3	16.8	15.2	16.1	16.1	15.5	14.3	~14.6

The annual average standard is 15.0 µg/m³.

¹ *Firearms Training* temporarily replaced Southwick Community Center monitoring during 2001, due to renovation. Twelve quarters of contiguous data are unavailable.

² Design value site for Louisville.

³ Year-to-date data for 2005.