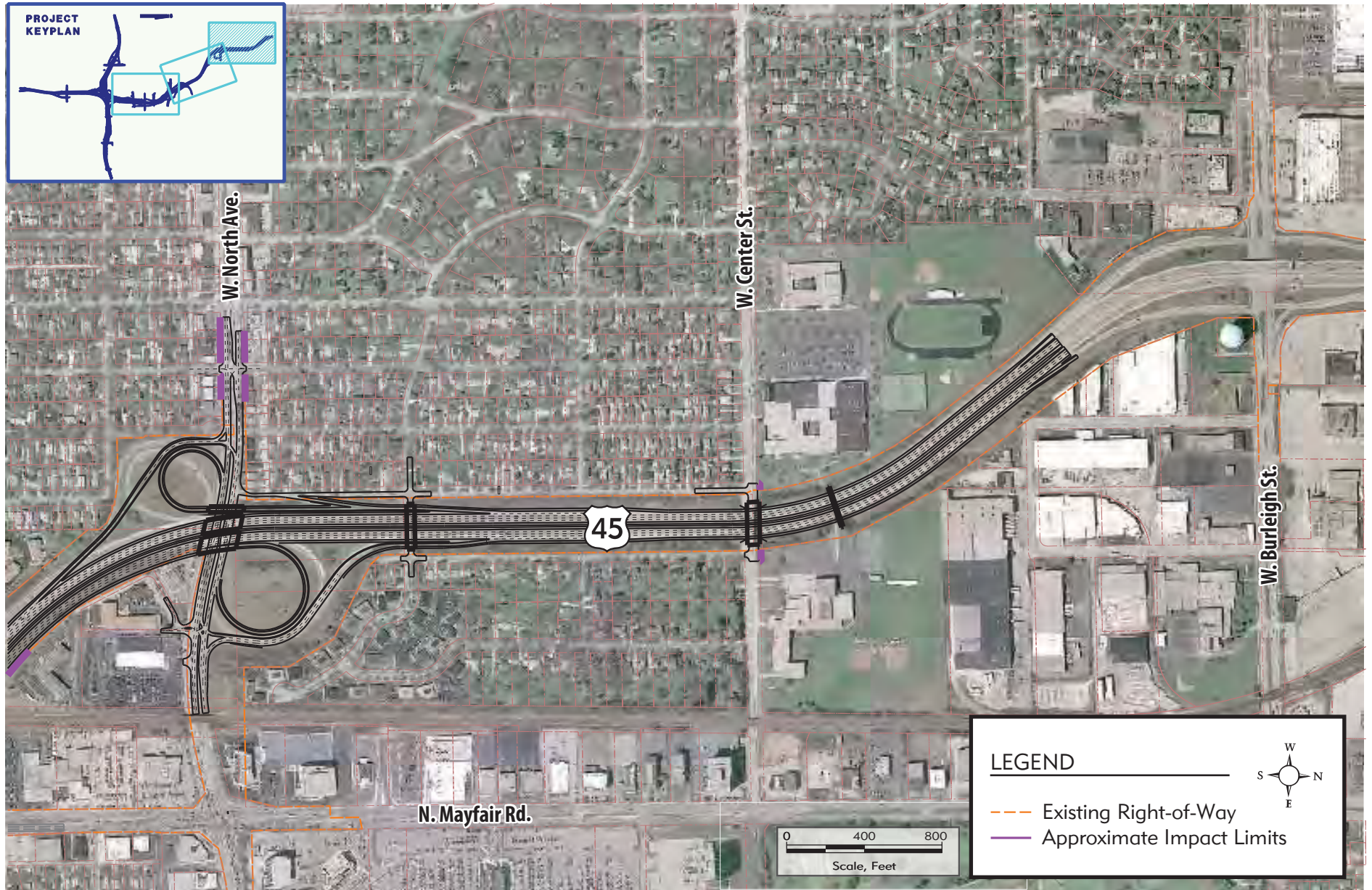
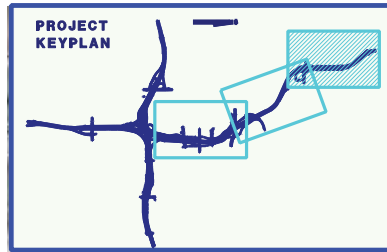


**Exhibit A-5**  
Reduced Impacts Alternative North Leg, Sheet 2 of 3





## Exhibit A-5

### Reduced Impacts Alternative North Leg, Sheet 3 of 3

PM 2.5 Qualitative Hot-Spot Analysis | Zoo Interchange | Milwaukee County







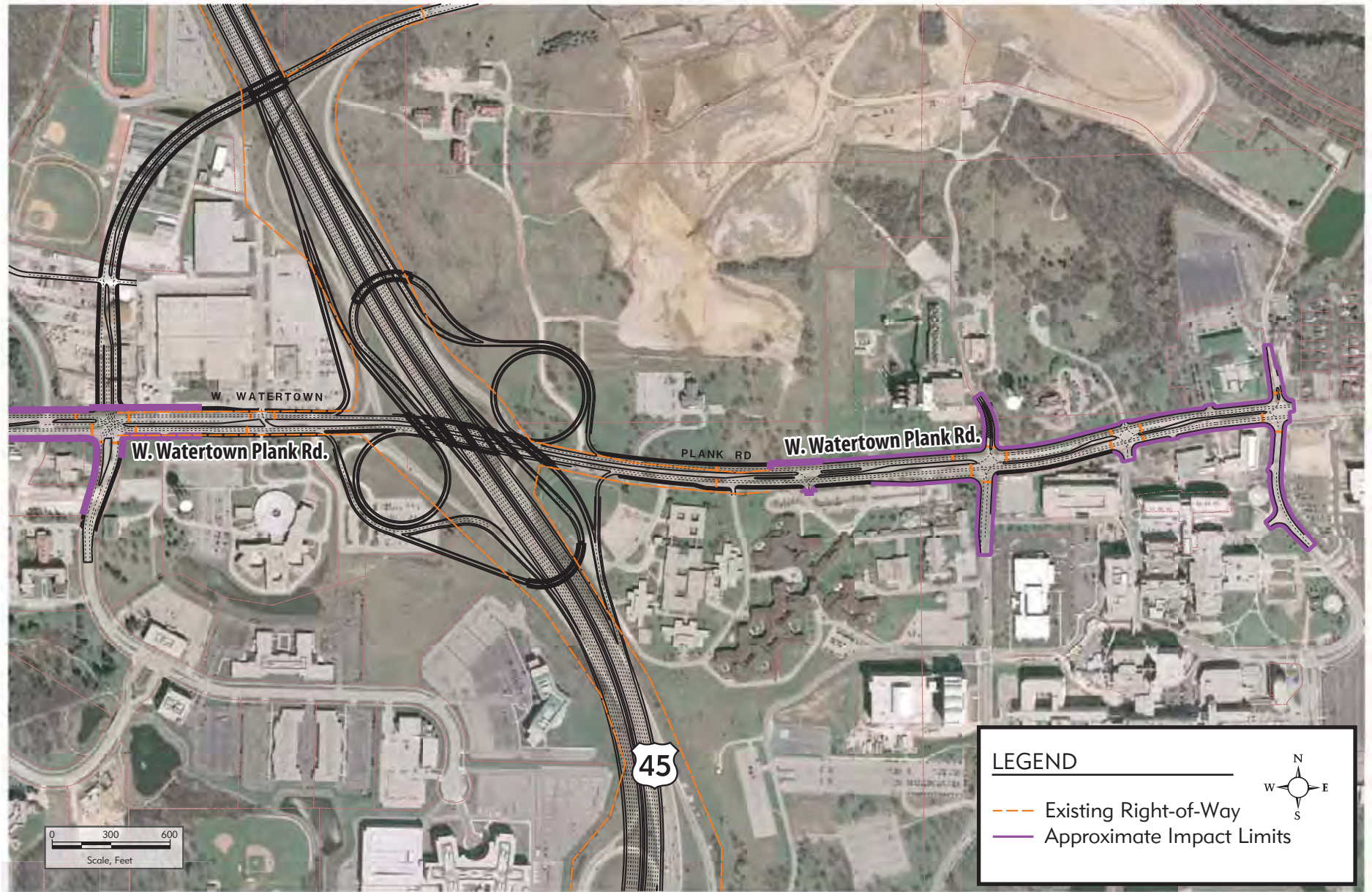
## Exhibit A-6

### Adjacent Arterials Component - Highway 100

PM 2.5 Qualitative Hot-Spot Analysis | Zoo Interchange | Milwaukee County







**Exhibit A-7**  
Adjacent Arterials Component – Watertown Plank Road





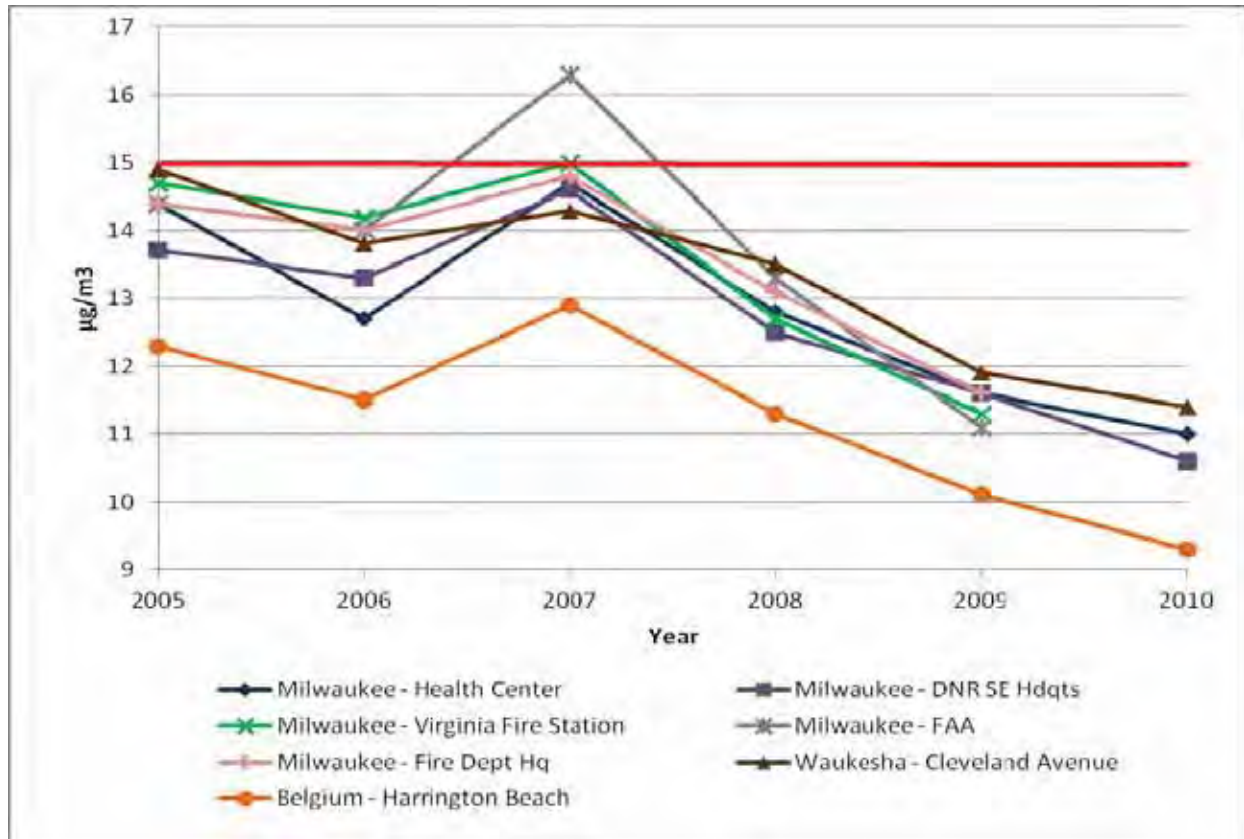
## Exhibit A-8

### Adjacent Arterials Component - 84th Street/Glenview Avenue

## **Appendix B**

### **PM<sub>2.5</sub> Data Graphs 1 - 4**

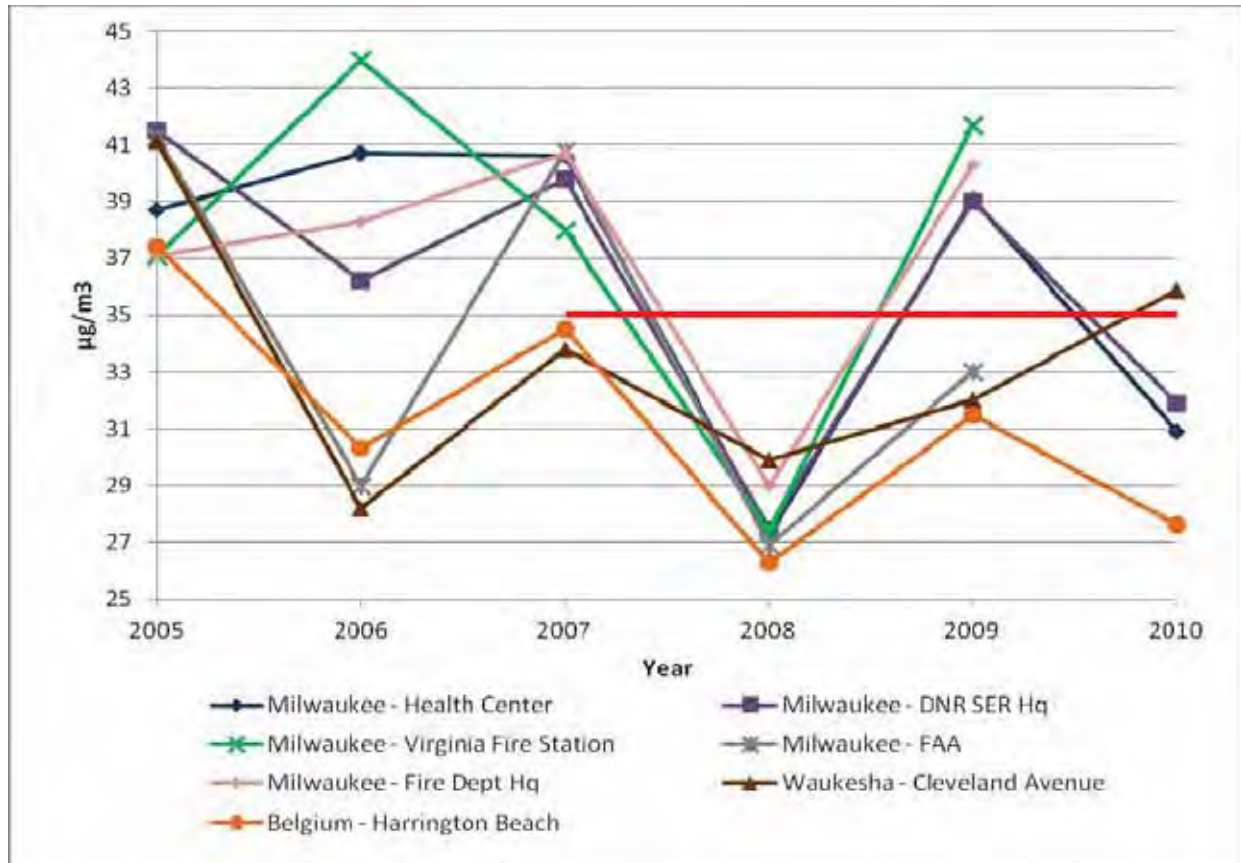
GRAPH 1  
PM<sub>2.5</sub> Annual Monitoring Data - Wisconsin  
Milwaukee, Ozaukee and Waukesha Counties, WI



Note: The Annual Standard, which is represented by the red line, is 15.0 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ). To attain this standard, the 3 year average of the weighted annual mean PM<sub>2.5</sub> concentrations from single or multiple community-oriented monitors must not exceed 15.0  $\mu\text{g}/\text{m}^3$ .



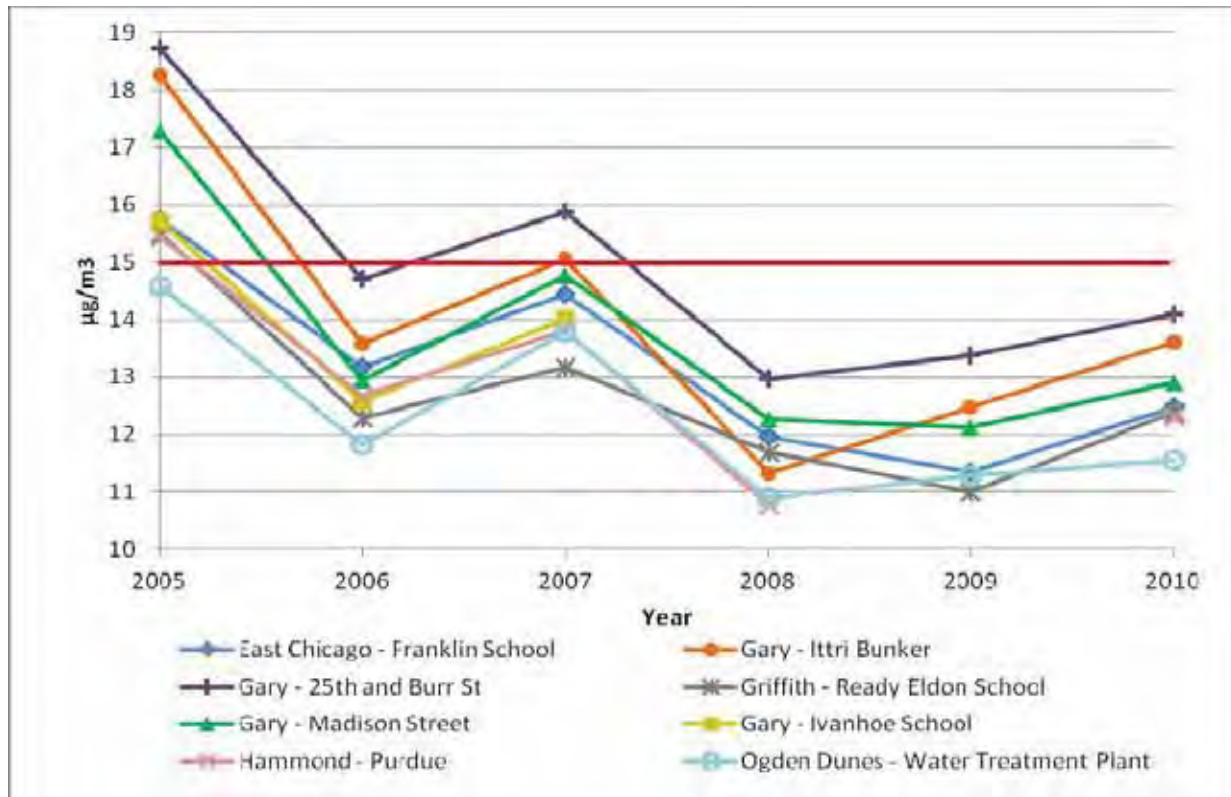
GRAPH 2  
PM<sub>2.5</sub> 24-Hour Monitoring Data - Wisconsin  
Milwaukee, Ozaukee and Waukesha Counties, WI



Note: Prior to December 17, 2006 the 24-Hour Standard was 65.0 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ). Effective December 17, 2006 the 24-Hour Standard, which is represented by the red line, is 35.0  $\mu\text{g}/\text{m}^3$ . To attain this standard, the 3 year average of the 98th percentile of 24-hour concentrations at each population-oriented monitor within an area must not exceed 35  $\mu\text{g}/\text{m}^3$

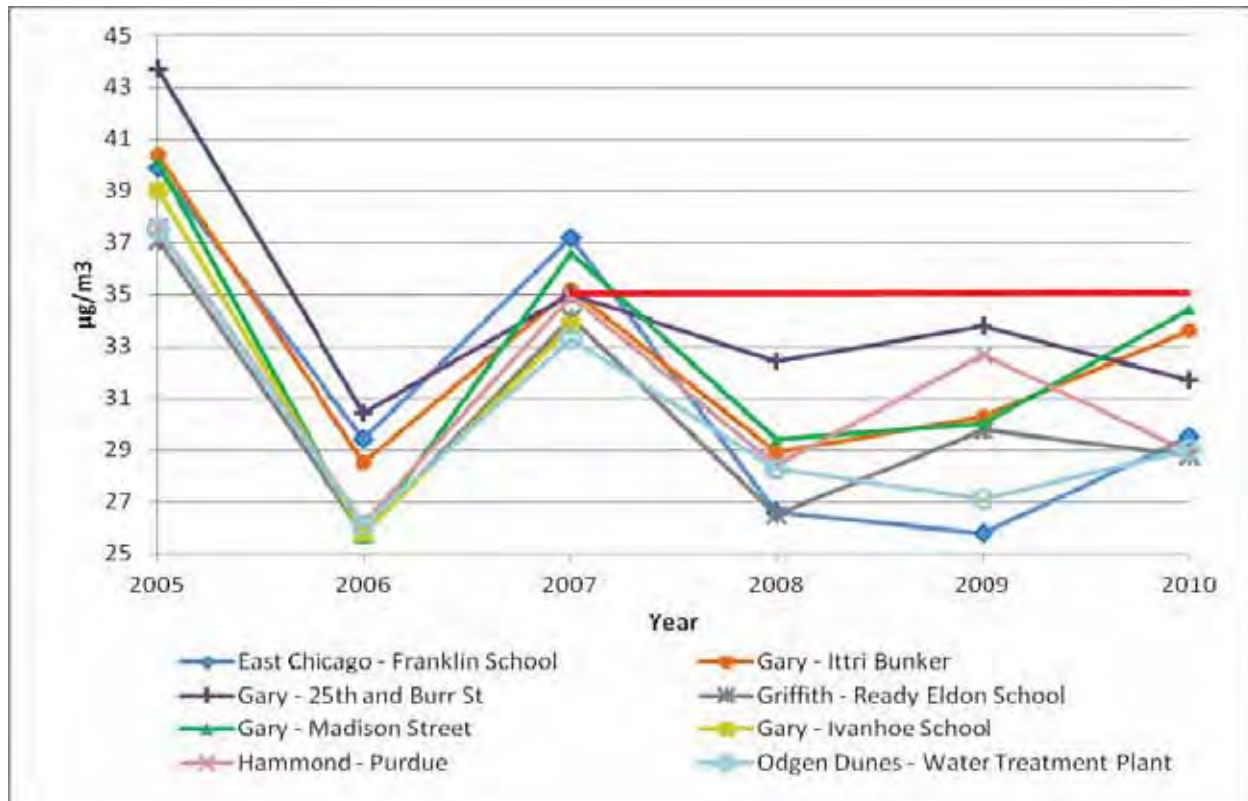


GRAPH 3  
PM<sub>2.5</sub> Annual Monitoring Data - Indiana  
Lake and Porter Counties, IN



Note: The Annual Standard, which is represented by the red line, is 15.0 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ). To attain this standard, the 3 year average of the weighted annual mean PM<sub>2.5</sub> concentrations from single or multiple community-oriented monitors must not exceed 15.0  $\mu\text{g}/\text{m}^3$ .

GRAPH 4  
PM<sub>2.5</sub> 24-Hour Monitoring Data - Indiana  
Lake and Porter Counties, IN



Note: Prior to December 17, 2006 the 24-Hour Standard was 65.0 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ). Effective December 17, 2006 the 24-Hour Standard, which is represented by the red line, is 35.0  $\mu\text{g}/\text{m}^3$ . To attain this standard, the 3 year average of the 98th percentile of 24-hour concentrations at each population-oriented monitor within an area must not exceed 35  $\mu\text{g}/\text{m}^3$