

# Greenville Overlook Environmental Daily Status Report



**Date:** 10/12/09

**Weather:** Overcast    **Temperature:** 50s°    **Winds:** 0-2 mph (East)

**Items Completed Today** BrightFields was on site from 0708 to 1608 to monitor perimeter airborne dust levels, construction activities, and remediation activities.

BrightFields monitored the remedial action activity at Green 8 (A10), Men's Tee Hole 1 (A2), and Green 3 (D4) where soil was excavated by Lewis Environmental and transported off site. BrightFields also monitored the soil blending activities at Men's Tee 4 (D5), Green 3 (D4), and Fairway 9 (A6). BrightFields collected soil samples from Green 3 (D4), Green 8 (A10), Green 9 (A1), Men's Tee 4 (D5), and Area A (C1) (driving range). Soil samples were analyzed onsite utilizing an X-Ray Fluorescence analyzer. Selected samples were sent to the laboratory for confirmation analysis.

The dust meter at location #3 shut off at approximately 1230 due to a low battery. Dust readings at the excavation and blending areas were less than the perimeter dust action level. Dust readings at the other 4 meters were all less than 0.04 mg/cu meter, and the wind was low and generally out of the east-southeast in the afternoon. A replacement meter will be used tomorrow (10/13).

**Items Ongoing:**

Lewis Environmental will continue the remediation of Men's Tee Hole 1 (A2) and Fairway 9 (A6). BrightFields will continue to monitor remedial activities and collect soil samples for analysis.

**Material Management (Soil/Wood/Water):** 29 truckloads of soil from Green 8, Men's Tee Hole 1, and Green 3 were transported offsite for disposal.

**Personal Protection Equipment Used by Workers:**

Used:  Safety glasses     Hard hat     Steel toe boots  
 Nitrile gloves     Hearing protection     Other:

**Sampling or Monitoring Completed:**

(if yes, please specify the reason.)

**Air monitoring on site**     No     Yes, reason: Perimeter monitoring and point-of-excavation monitoring during site activities.

**Soil sampling on site**     No     Yes, reason: screening and confirmatory samples used to assess contaminant concentrations in the soil.

**Visitors Briefed on Environmental Conditions:** None

**Completed By:** John Stratton, John Stevens, and Craig Olsen

Date: 10/12/09  
 Weather: Sunny, 60s°

## Greenville Overlook Hand-Held Dust Meter Air Monitoring Log

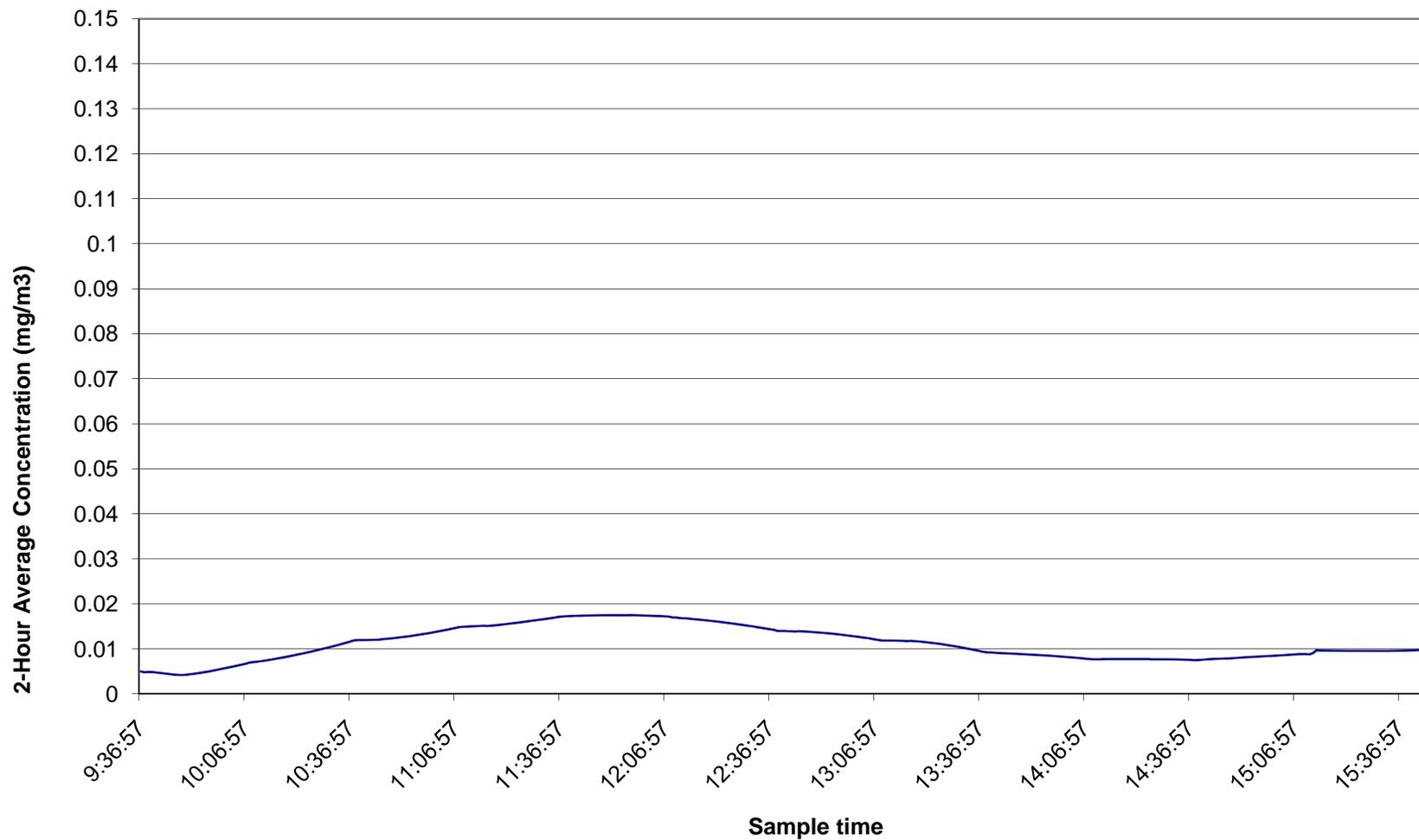


Time	Location	Dust (mg/m <sup>3</sup> )	Notes (i.e.: source of problem, weather, etc.)	Actions Taken
0758	Men's Tee Hole 1	0.009	Contaminated soil stockpile area	None
0816	Men's Tee Hole 1	0.032	Contaminated soil stockpile area	None
0835	Men's Tee Hole 1	0.025	Contaminated soil stockpile area	None
0845	Fairway 3	0.003	Blending area at Fairway 3	None
0850	Fairway 3	0.022	Blending area at Fairway 3	None
0905	Fairway 3	0.012	Blending area at Fairway 3	None
0907	Fairway 3	0.033	Blending area at Fairway 3	None
0917	Fairway 3	0.011	Blending area at Fairway 3	None
1029	Men's Tee Hole 1		Contaminated soil stockpile area	none
1100	Men's Tee Hole 1	0.064	Contaminated soil stockpile area	None
1212	Green 9	0.023	A1 delineation	None
1250	Green 9	0.008	A1 delineation	None
1310	Green 9	0.167	A1 delineation	None
1330	Green 8	0.049	Remediation area A10	None
1400	Men's Tee Hole 1	0.028	Contaminated soil stockpile area	None
1436	Men's Tee Hole 1	0.022	Contaminated soil stockpile area	None
1459	Men's Tee Hole 1	0.089	Contaminated soil stockpile area	None

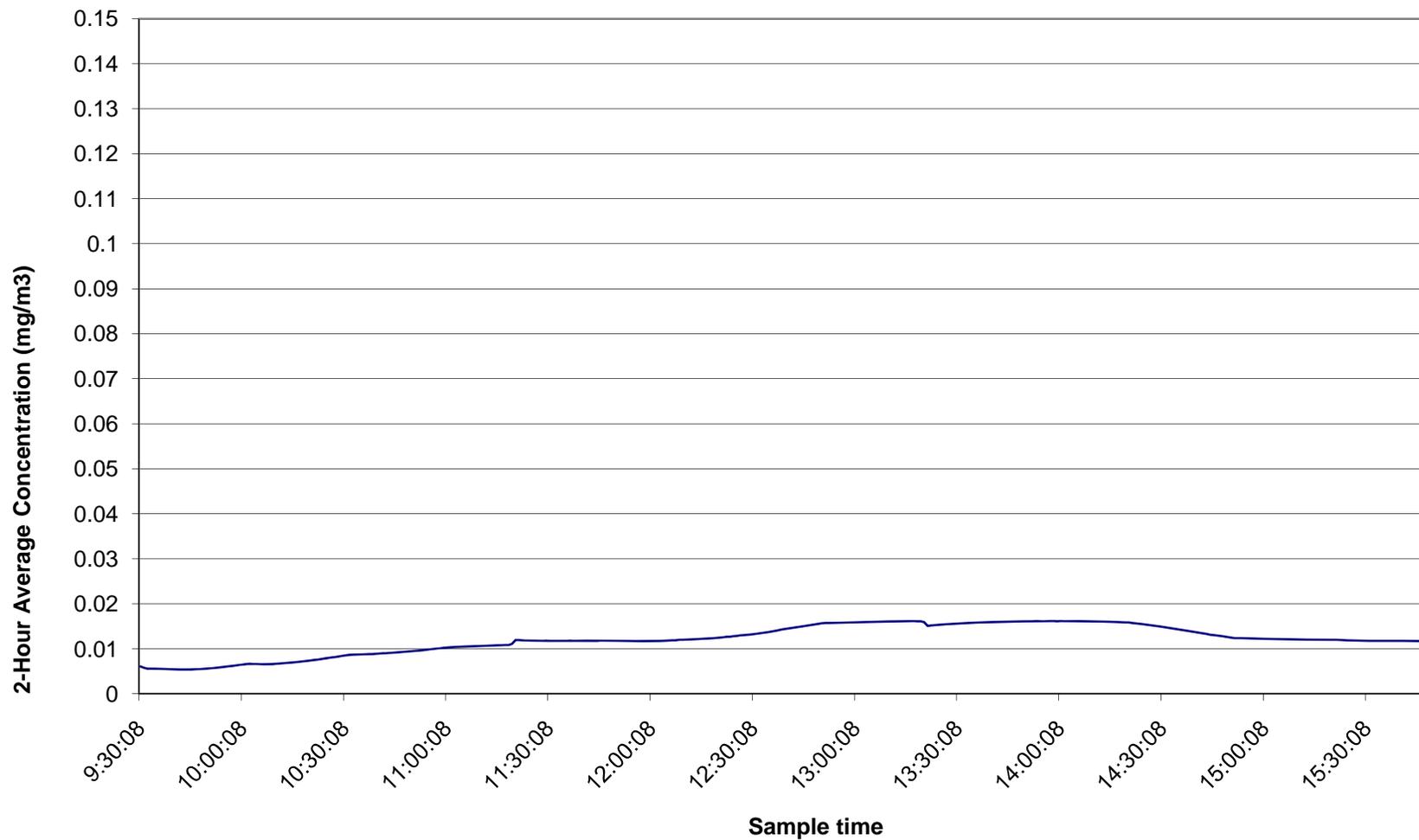
Action Levels for Dust (sustained, exceeding 5 minutes):	
<u>Dust Level</u>	<u>Level of Protection</u>
0.8mg/m <sup>3</sup>	Level D plus engineering controls such as wetting surface.
≥ 2 mg/m <sup>3</sup>	Stop work, evacuate workers and implement more stringent engineering controls and possible Level C.



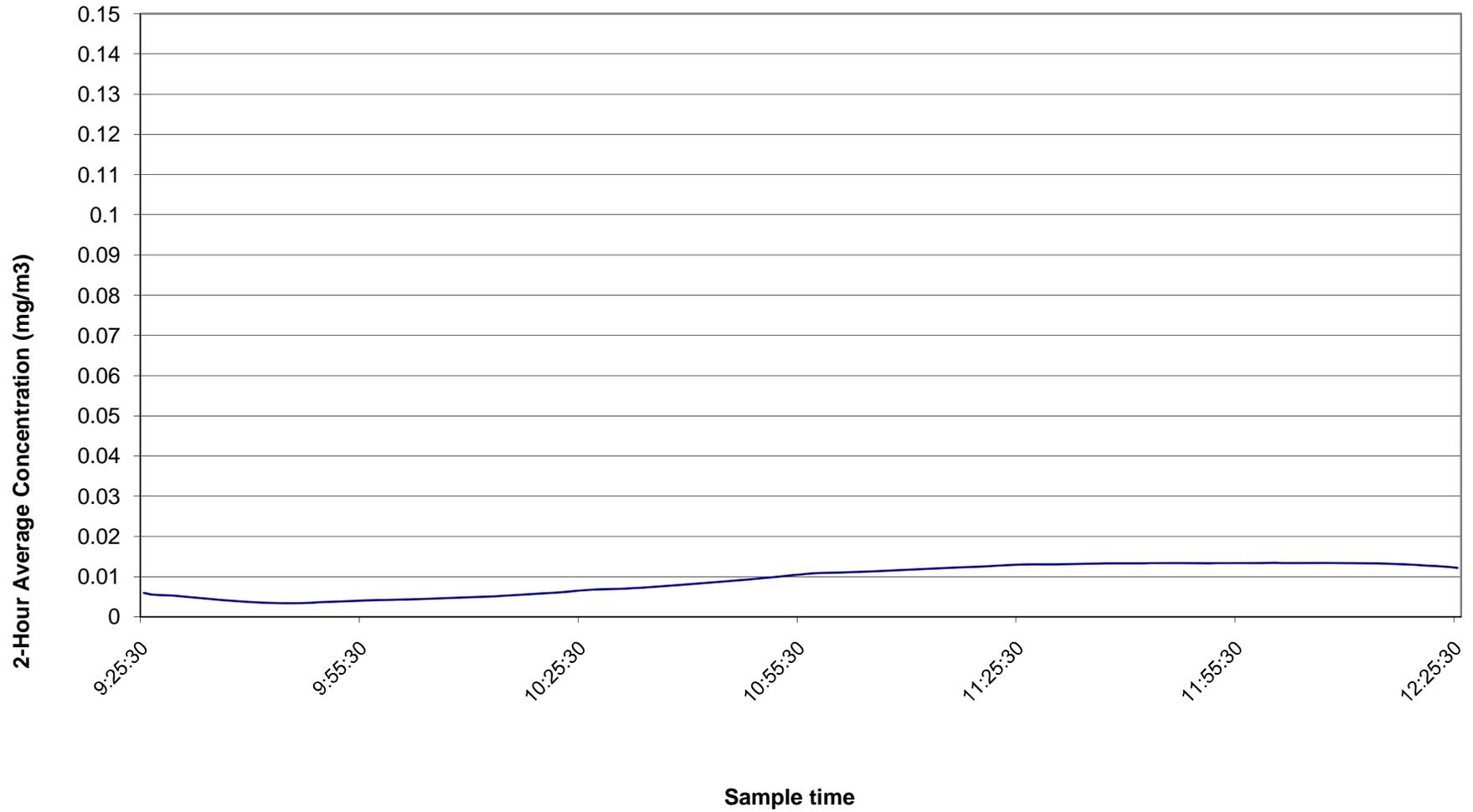
**2-Hour Average Concentration Vs. Sample Time**  
**Perimeter Dust Meter Location 1**  
**10/12/09**  
**Perimeter Monitoring Action Level = PM10 2-Hour Average > 0.150 mg/m<sup>3</sup>**



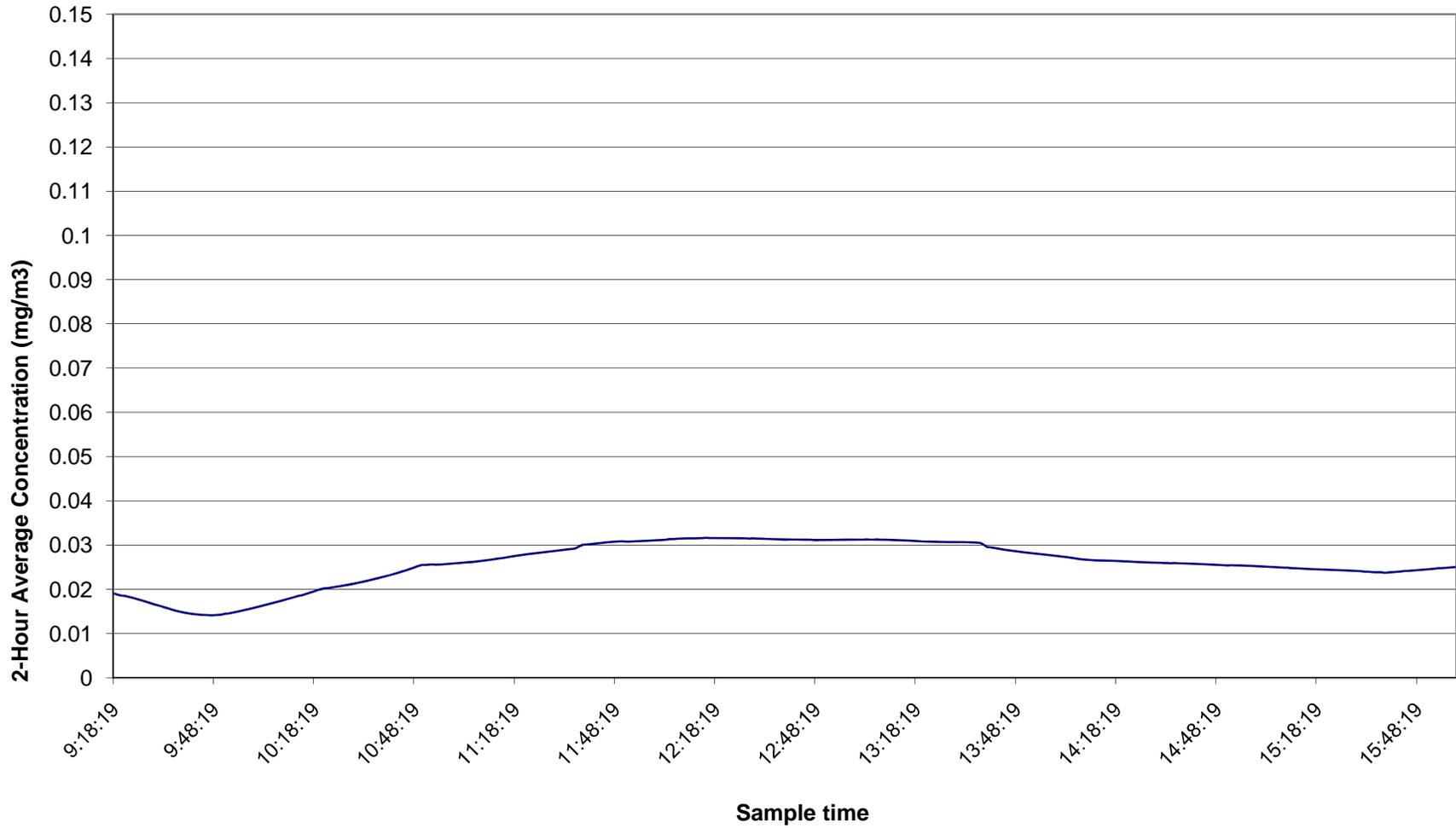
**2-Hour Average Concentration Vs. Sample Time**  
**Perimeter Dust Meter Location 2**  
**10/12/09**  
**Perimeter Monitoring Action Level = PM10 2-Hour Average > 0.150 mg/m<sup>3</sup>**



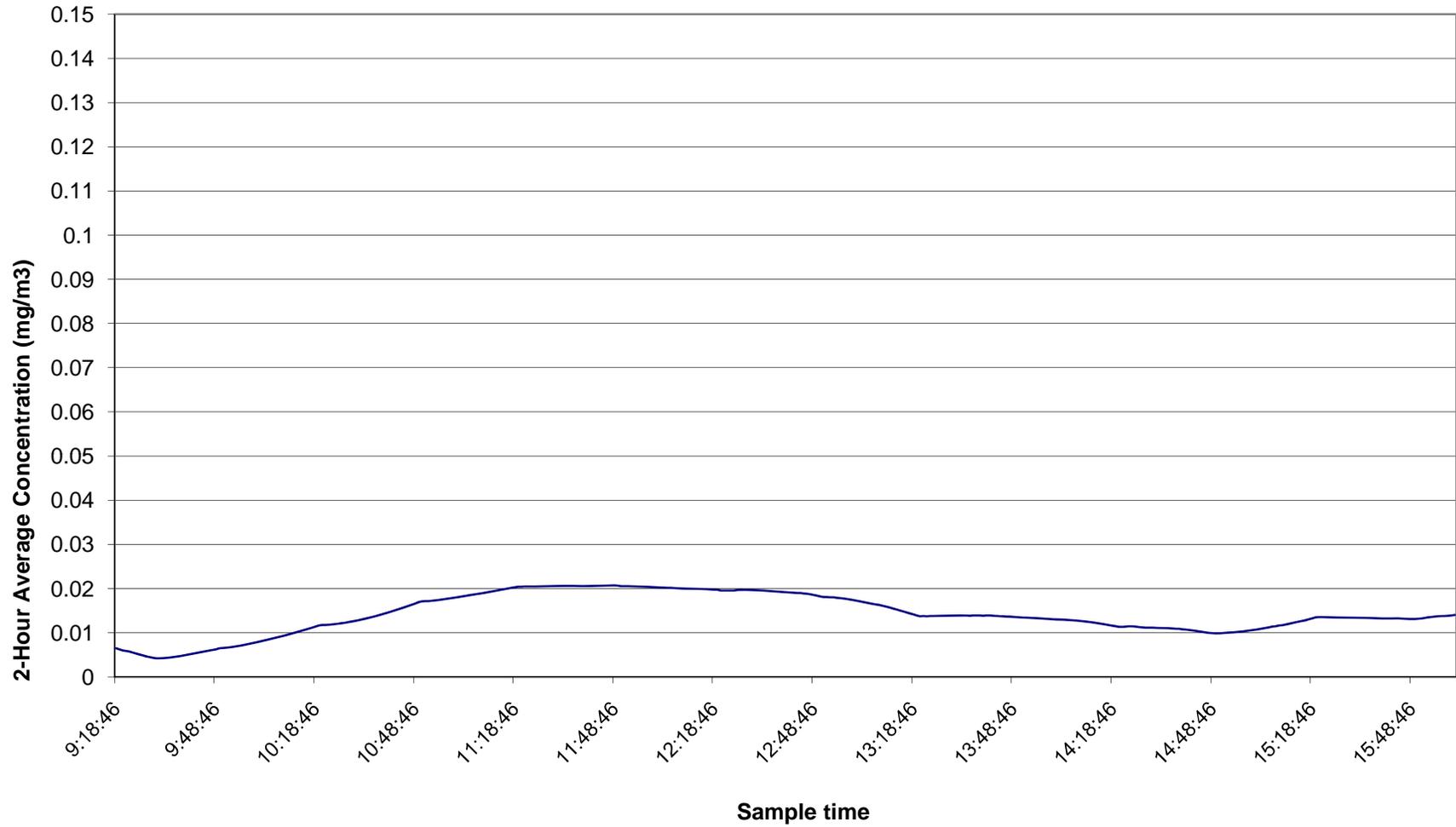
**2-Hour Average Concentration Vs. Sample Time**  
**Perimeter Dust Meter Location 3**  
**10/12/09**  
**Perimeter Monitoring Action Level = PM10 2-Hour Average > 0.150 mg/m<sup>3</sup>**



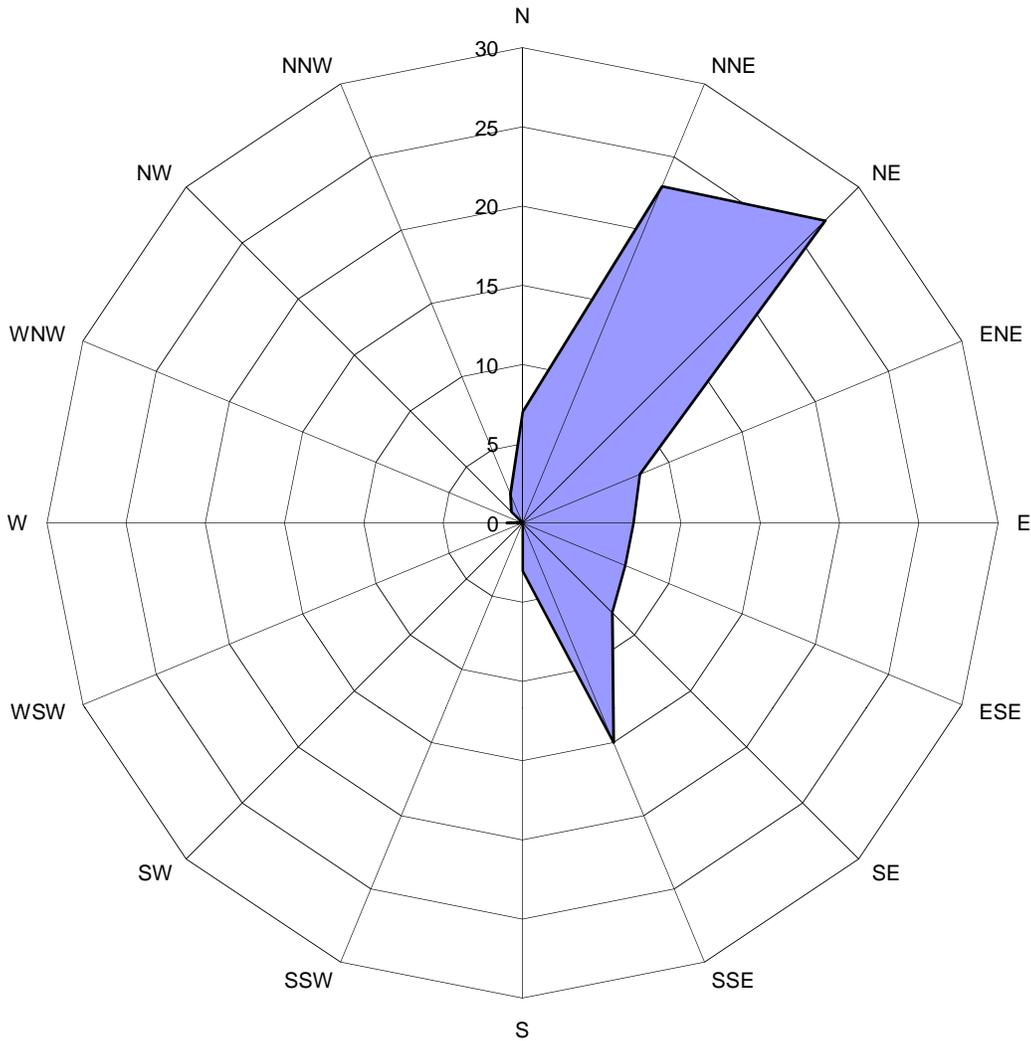
**2-Hour Average Concentration Vs. Sample Time**  
**Perimeter Dust Meter Location 4**  
**10/12/09**  
**Perimeter Monitoring Action Level = PM10 2-Hour Average > 0.150 mg/m<sup>3</sup>**



**2-Hour Average Concentration Vs. Sample Time**  
**Perimeter Dust Meter Location 5**  
**10/12/09**  
**Perimeter Monitoring Action Level = PM10 2-Hour Average > 0.150 mg/m<sup>3</sup>**



# Greenville Overlook Wind Direction Chart 10/12/09 7:00 AM - 4:00 PM



Windflow data is collected every five minutes and is displayed on the graph as a datapoint. Windflow is from the direction indicated.