

# Greenville Overlook Environmental Daily Status Report



**Date:** 10/20/09

**Weather:** Sunny    **Temperature:** 60s°    **Winds:** 0-4 mph (West-Northwest)

**Items Completed Today** BrightFields was on site from 0708 to 1609 to monitor perimeter airborne dust levels, construction activities, and remediation activities.

BrightFields monitored remediation activities at Green 9 (A1) and Practice Green 1 (B8). BrightFields collected soil samples from Practice Green 1 (B8), Fairway 8 (A8), Fairway 9 (A6), Area 4 (C1) and Tee Hole 9 (D4) and screened the samples on site utilizing an X-Ray Fluorescence analyzer. Selected samples were sent to the laboratory for confirmation analysis.

**Items Ongoing:**

Lewis Environmental will continue blending and excavation activities and BrightFields will continue to monitor remedial activities and collect soil samples for analysis.

**Material Management (Soil/Wood/Water):** 20 truckloads of soil were transported to an offsite facility (Conestoga).

**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 and John Stevens

Date: 10/20/09  
 Weather: Clear, 60s°

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

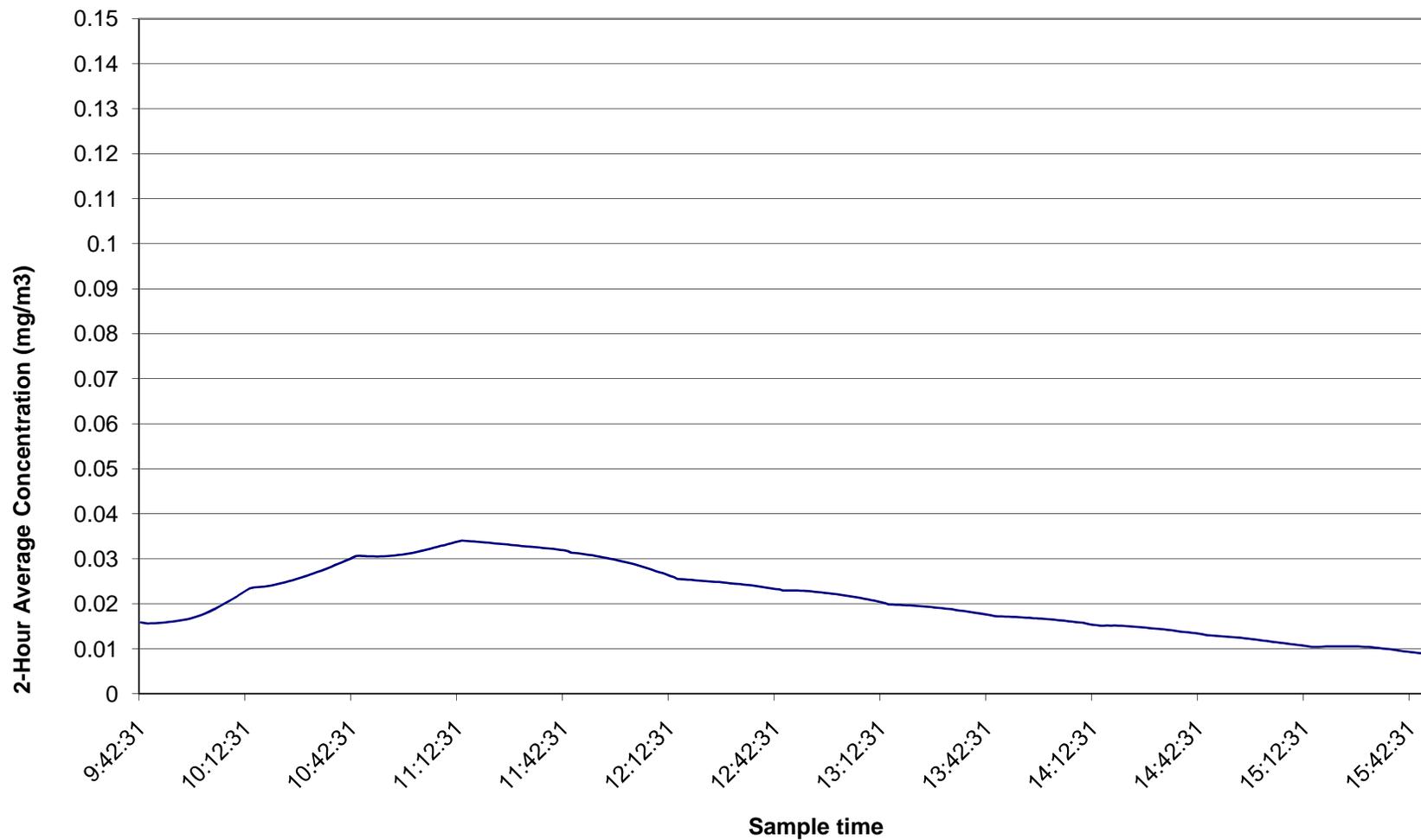


Time	Location	Dust (mg/m <sup>3</sup> )	Notes (i.e.: source of problem, weather, etc.)	Actions Taken
0800	Green 9	0.063	Remediation area A1 (soil load out)	None
0815	Green 9	0.037	Remediation area A1 (soil load out)	None
0840	Green 9	0.025	Remediation area A1 (soil load out)	None
0900	Green 9	0.156	Remediation area A1 (soil load out)	None
0911	Green 9	0.035	Remediation area A1 (soil load out)	None
0925	Green 9	0.038	Remediation area A1 (soil load out)	None
1030	Practice Green 1	0.046	Remediation area B8	None
1051	Practice Green 1	0.012	Remediation area B8	None
1104	Practice Green 1	0.066	Remediation area B8	None
1138	Green 9	0.076	Remediation area A1(soil load out)	None
1156	Green 9	0.058	Remediation area A1(soil load out)	None
1218	Green 9	0.027	Remediation area A1(soil load out)	None
1249	Green 9	0.034	Remediation area A1(soil load out)	None
1330	Practice Green 1	0.004	Remediation area B8	None
1345	Practice Green 1	0.019	Remediation area B8	None
1403	Practice Green 1	0.030	Remediation area B8	None
1423	Practice Green 1	0.011	Remediation area B8	None

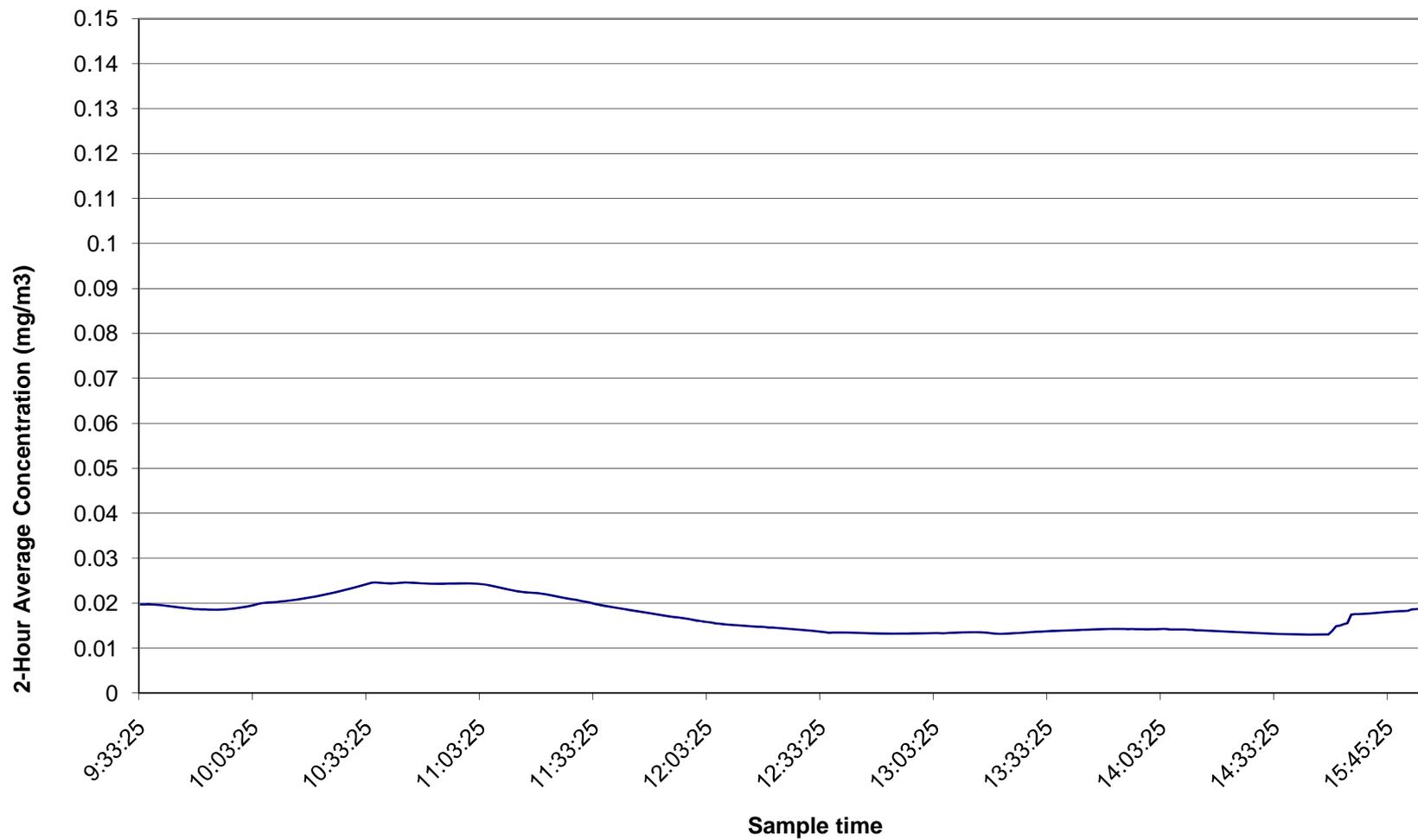
Action Levels for Dust (sustained, exceeding 5 minutes):	
<u>Dust Level</u>	<u>Level of Protection</u>
0.8mg/m <sup>3</sup>	Level D plus engineering controls such as wetting surface.
≥ 2 mg/m <sup>3</sup>	Stop work, evacuate workers and implement more stringent engineering controls and possible Level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



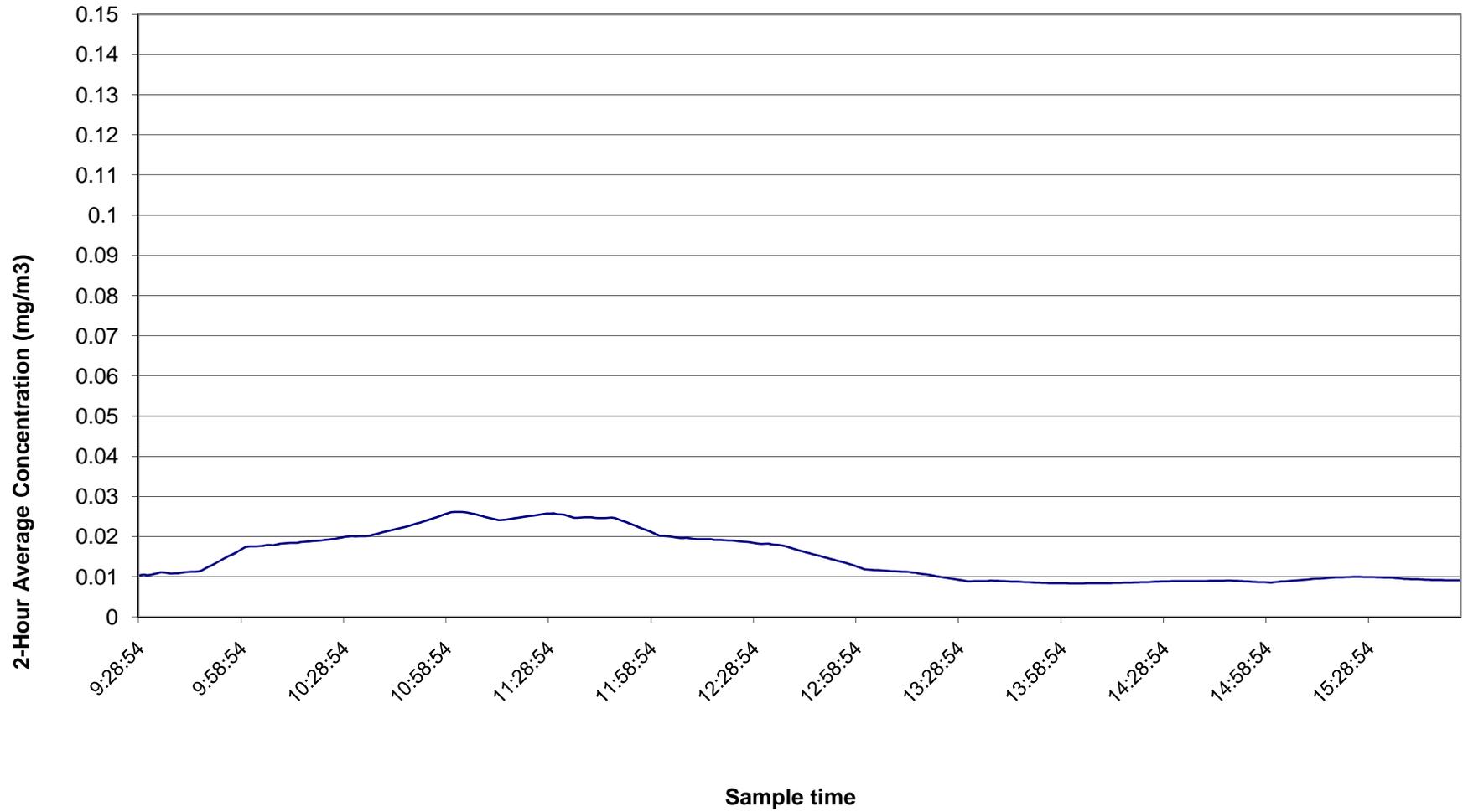
**2-Hour Average Concentration Vs. Sample Time**  
**Perimeter Dust Meter Location 1**  
**10/20/09**  
Perimeter Monitoring Action Level = PM10 2-Hour Average > 0.150 mg/m<sup>3</sup>



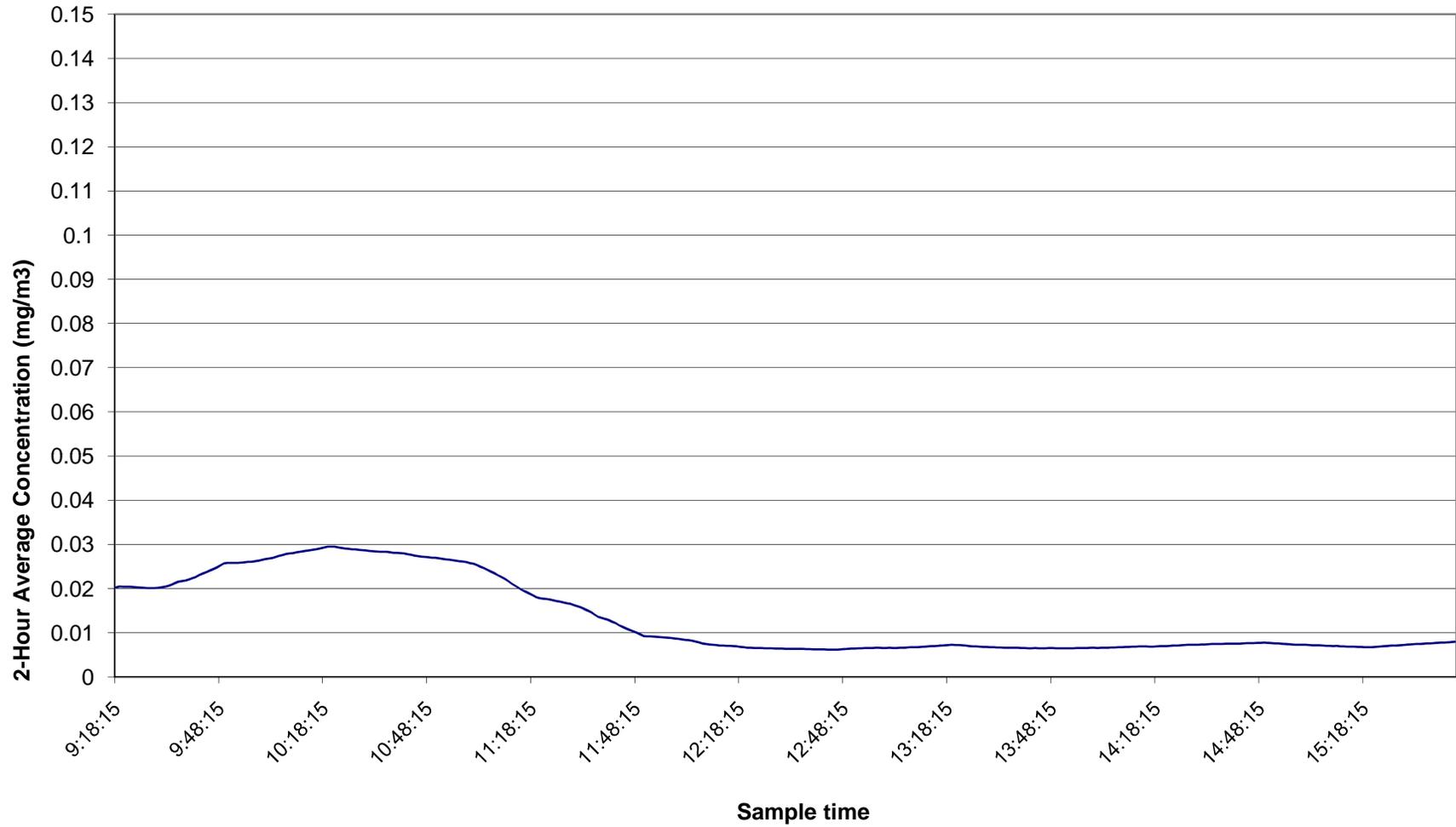
**2-Hour Average Concentration Vs. Sample Time**  
**Perimeter Dust Meter Location 2**  
**10/20/09**  
Perimeter Monitoring Action Level = PM10 2-Hour Average > 0.150 mg/m<sup>3</sup>



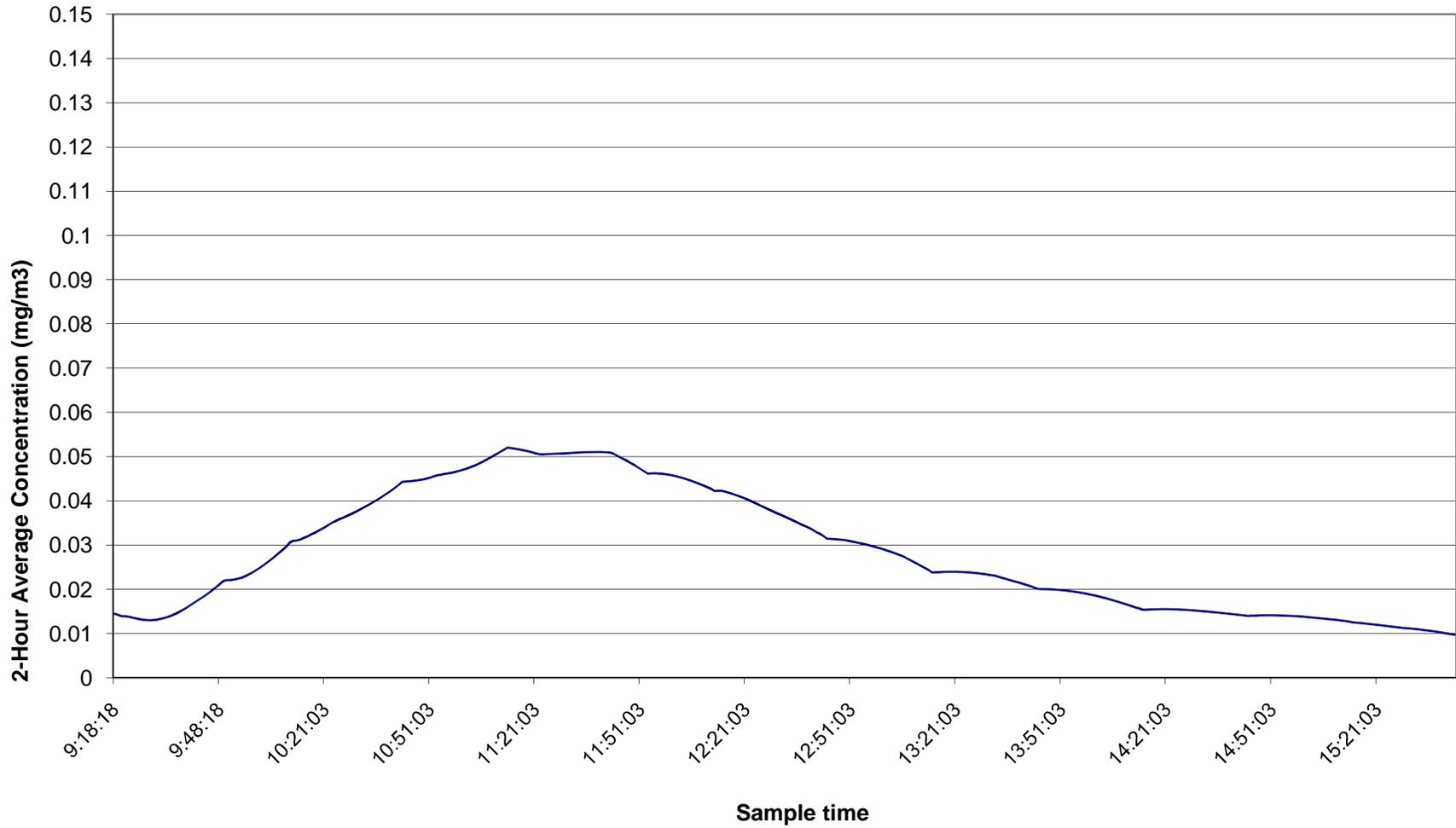
**2-Hour Average Concentration Vs. Sample Time**  
**Perimeter Dust Meter Location 3**  
**10/20/09**  
**Perimeter Monitoring Action Level = PM10 2-Hour Average > 0.150 mg/m<sup>3</sup>**



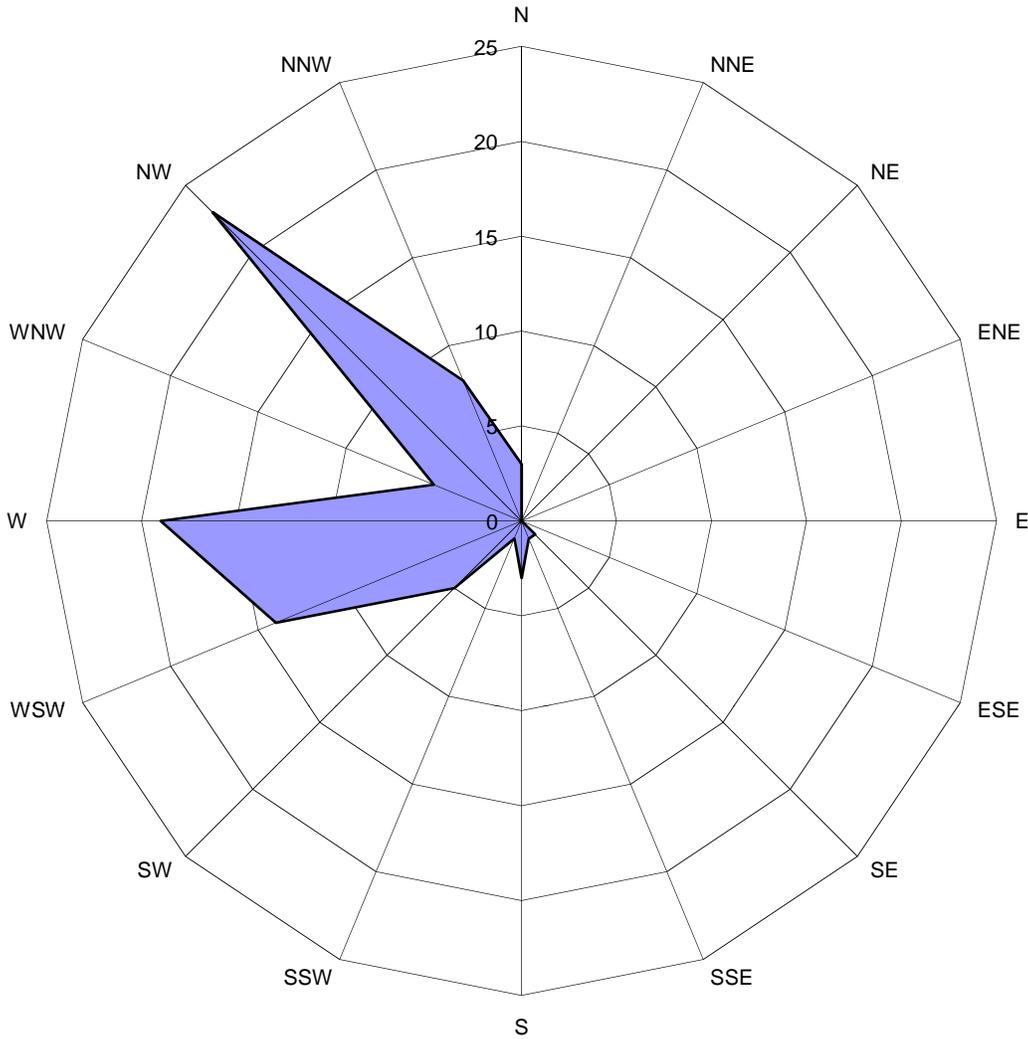
**2-Hour Average Concentration Vs. Sample Time**  
**Perimeter Dust Meter Location 4**  
**10/20/09**  
**Perimeter Monitoring Action Level = PM10 2-Hour Average > 0.150 mg/m<sup>3</sup>**



**2-Hour Average Concentration Vs. Sample Time**  
**Perimeter Dust Meter Location 5**  
**10/20/09**  
**Perimeter Monitoring Action Level = PM10 2-Hour Average > 0.150 mg/m<sup>3</sup>**



# Greenville Overlook Wind Direction Chart 10/20/09 7:00 AM - 3:30 PM



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