

# Greenville Overlook Environmental Daily Status Report



**Date:** 10/01/09

**Weather:** Sunny      **Temperature:** 60s°      **Winds:** 2-9 mph (North-Northwest)

**Items Completed Today** BrightFields was on site from 07:09 to 15:55 to monitor perimeter airborne dust levels, construction activities, and remediation activities. Lewis continued the construction of sediment basin #2 in the southwest corner of the site and continued work on swales and berms throughout the site.

BrightFields monitored the remedial action activity at Green 4 where soil was excavated by Lewis Environmental and transported off site. BrightFields collected soil samples at Green 4, Fairway 4, and Practice Green 1 to assess contamination levels.

The battery of the perimeter dust meter at location #4 ran low at approximately 14:00 and shut off. Data is logged up until this time.

### **Items Ongoing:**

Lewis Environmental will continue work on sediment basins in the southern corner of the site and continue construction of swales and berms, per the Erosion and Sediment Control Plan. Remedial activities began today and will be ongoing. Continued remediation of Green 4 will occur on Friday. When Green 4 is completed, Lewis will begin the remediation of Tee 2.

**Material Management (Soil/Wood/Water):** 13 truckloads of soil from Green 4 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 samples used to assess arsenic concentrations in the soil

**Visitors Briefed on Environmental Conditions:** None

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

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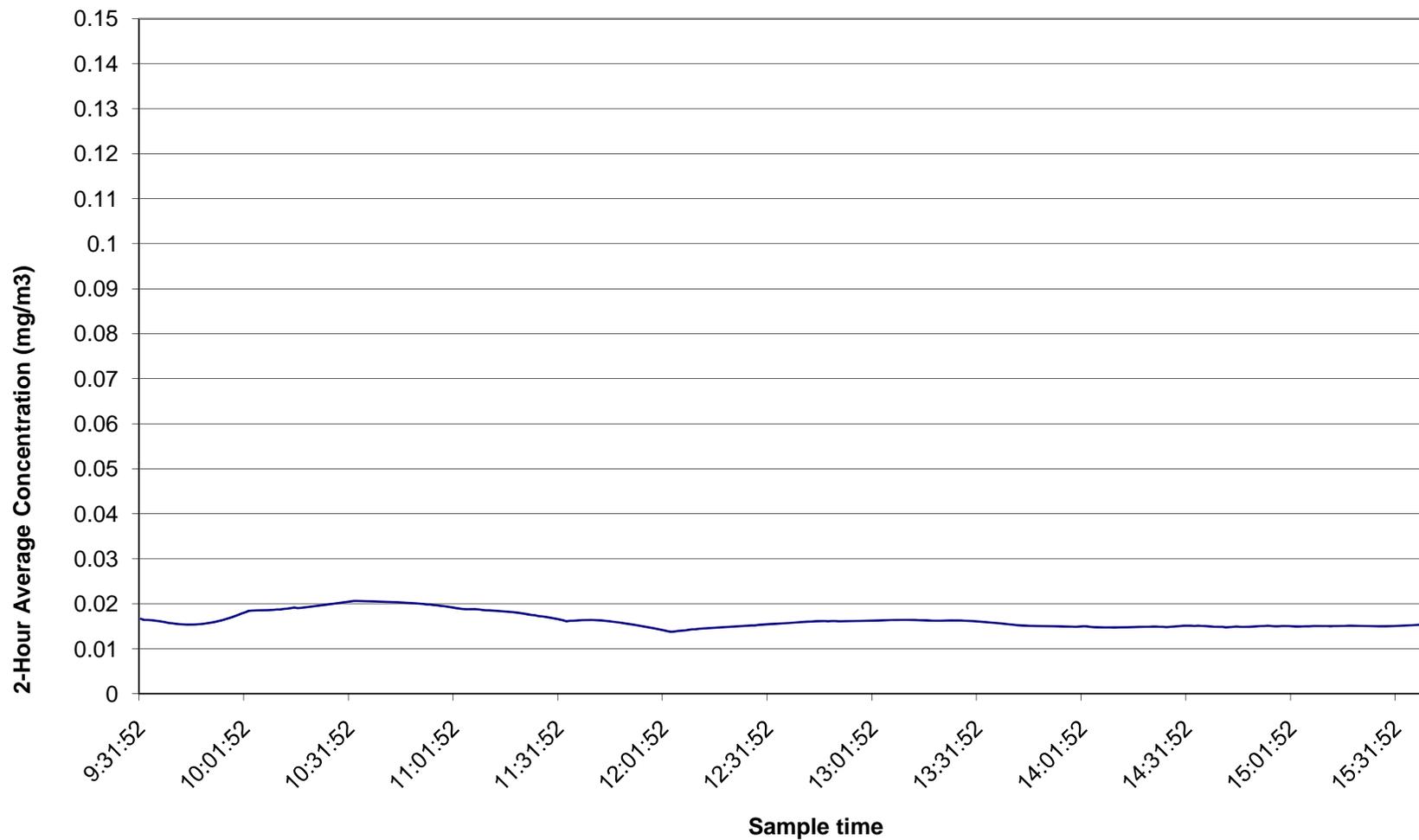
## Greenville Overlook Hand-Held Dust Meter Air Monitoring Log



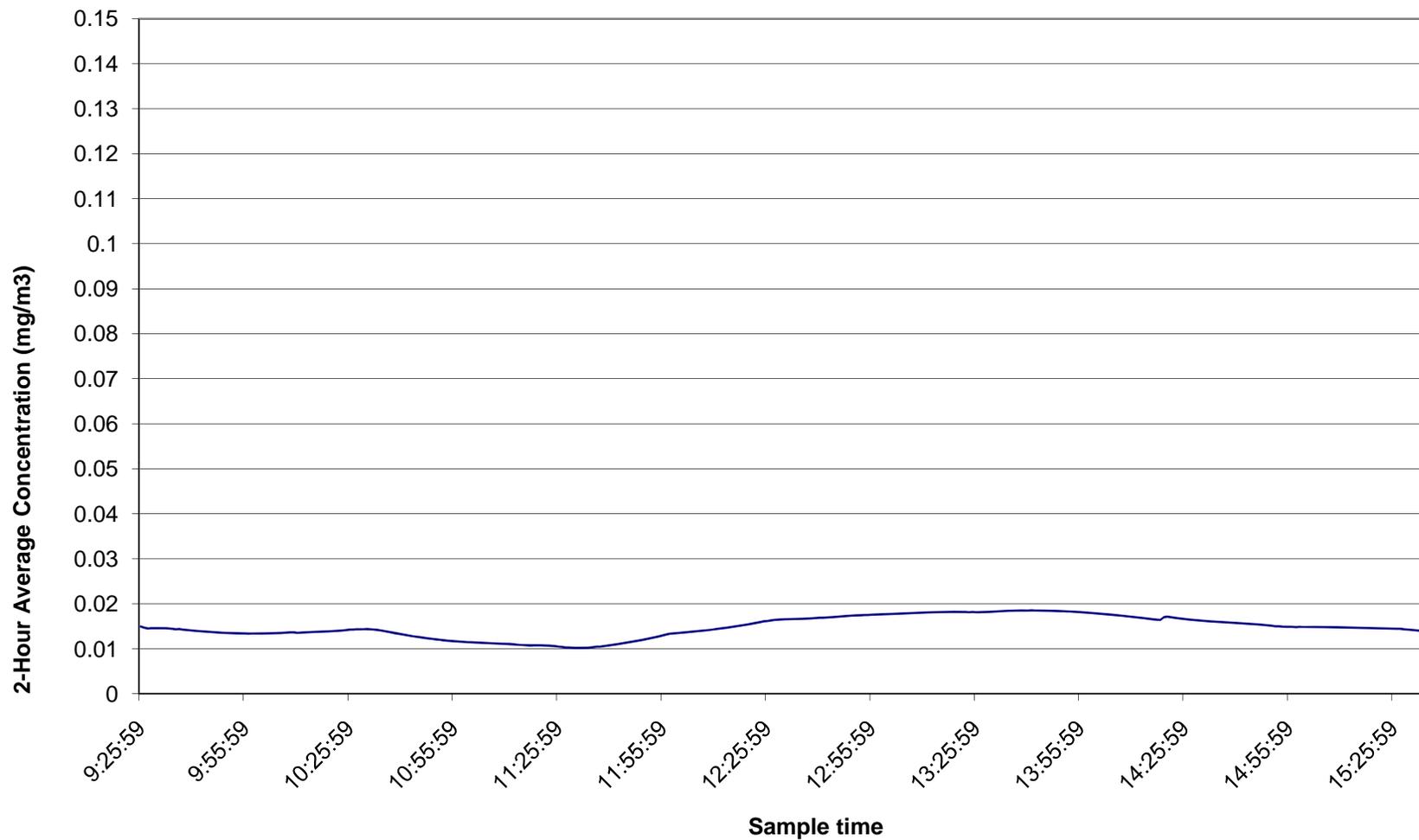
Time	Location	Dust (mg/m <sup>3</sup> )	Notes (i.e.: source of problem, weather, etc.)	Actions Taken
0828	Green 4	0.017	Green 4 remediation	None
0906	Green 4	0.011	Green 4 remediation	None
1038	Green 4	0.005	Green 4 remediation	None
1053	Green 4	0.010	Green 4 remediation	None
1122	Green 4	0.019	Green 4 remediation	None
1241	Green 4	0.041	Green 4 remediation	None
1303	Green 4	0.022	Green 4 remediation	None
1326	Green 4	0.031	Green 4 remediation	None
1350	Green 4	0.015	Green 4 remediation	None
1426	Green 4	0.022	Green 4 remediation	None
1437	Green 4	0.019	Green 4 remediation	None
1454	Green 4	0.009	Green 4 remediation	None
1503	Green 4	0.015	Green 4 remediation	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**  
**10/01/09**  
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**  
**10/01/09**  
Perimeter Monitoring Action Level = PM10 2-Hour Average > 0.150 mg/m<sup>3</sup>

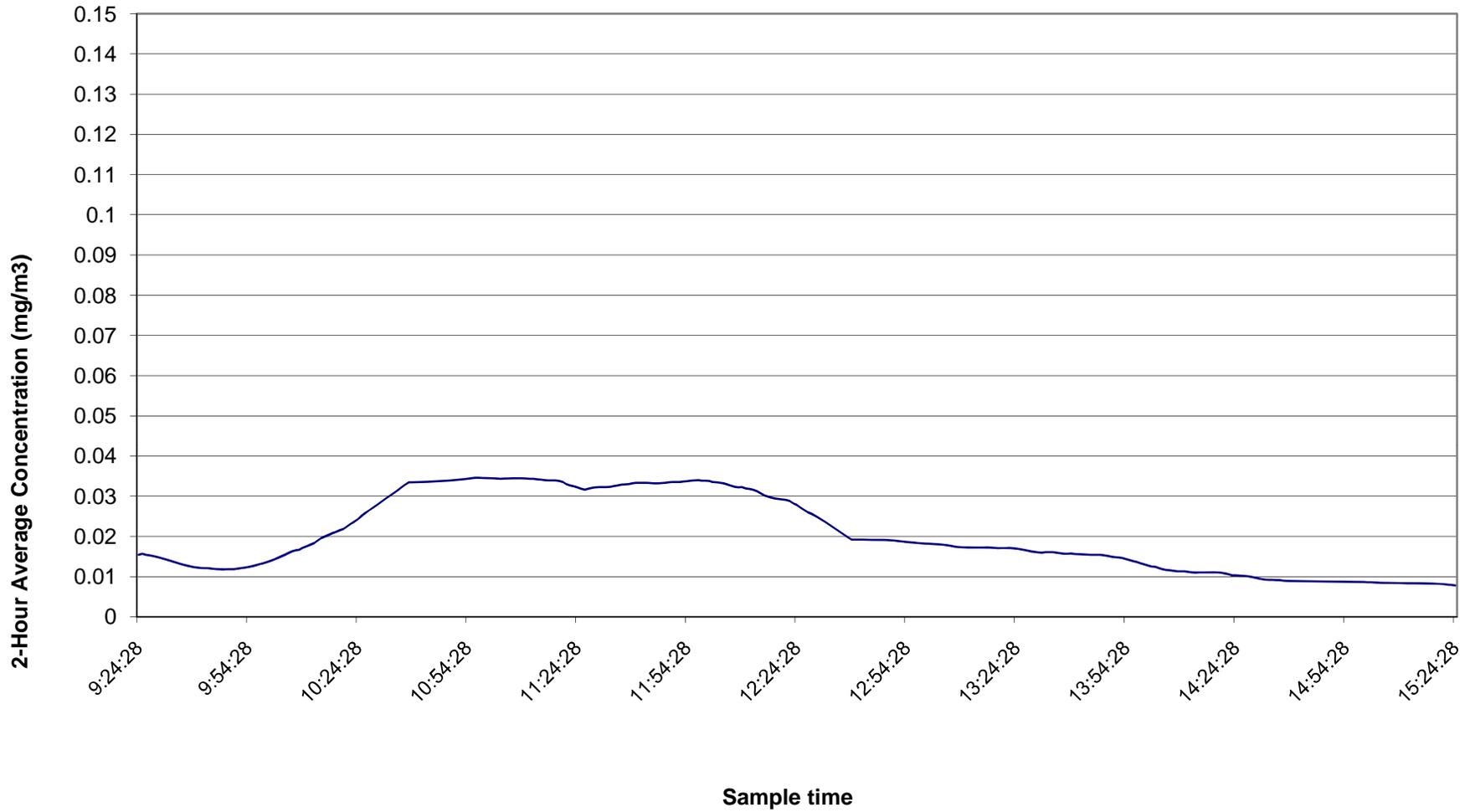


### 2-Hour Average Concentration Vs. Sample Time

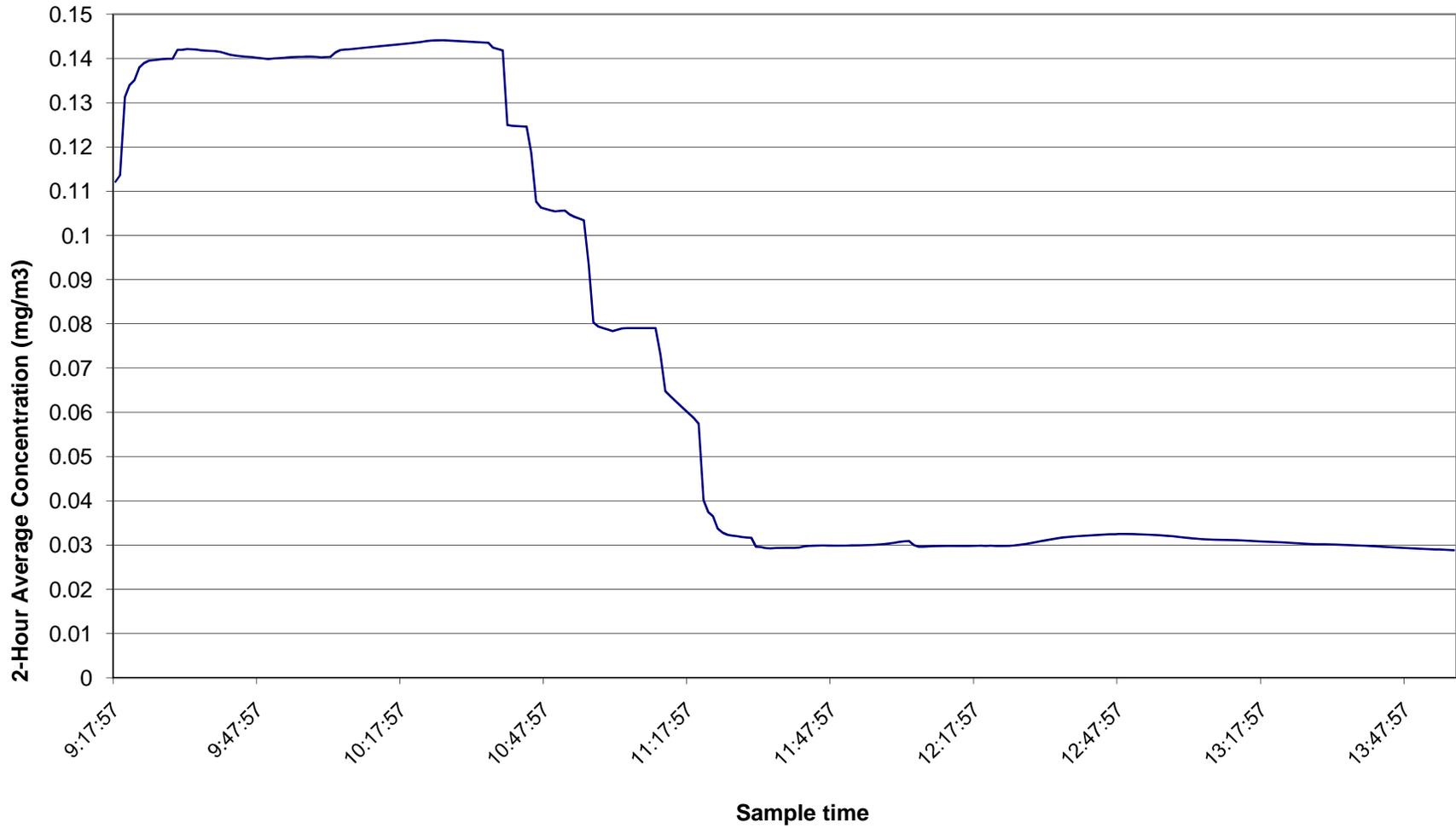
Perimeter Dust Meter Location 3

10/01/09

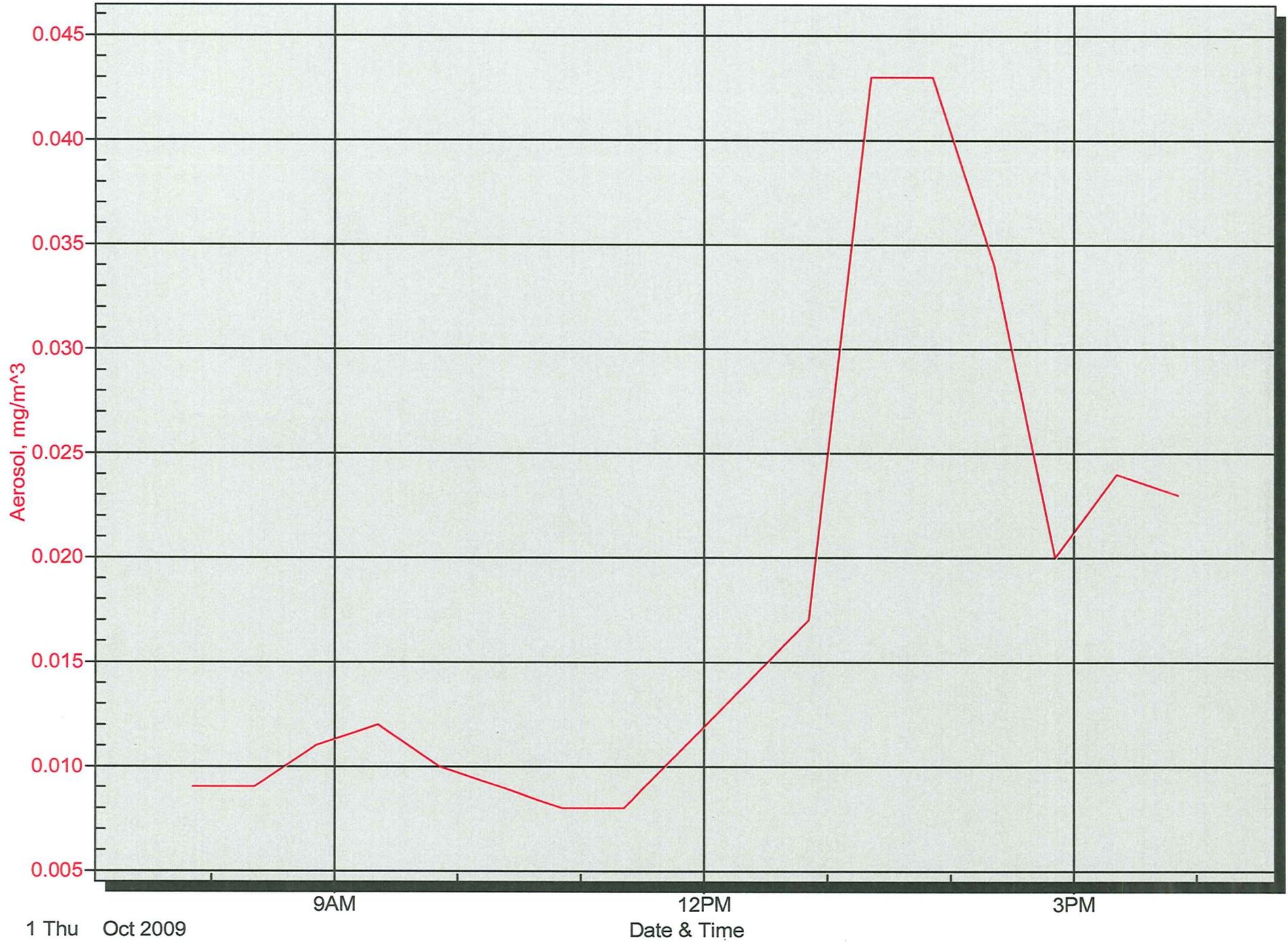
Perimeter Monitoring Action Level = PM10 2-Hour Average > 0.150 mg/m<sup>3</sup>



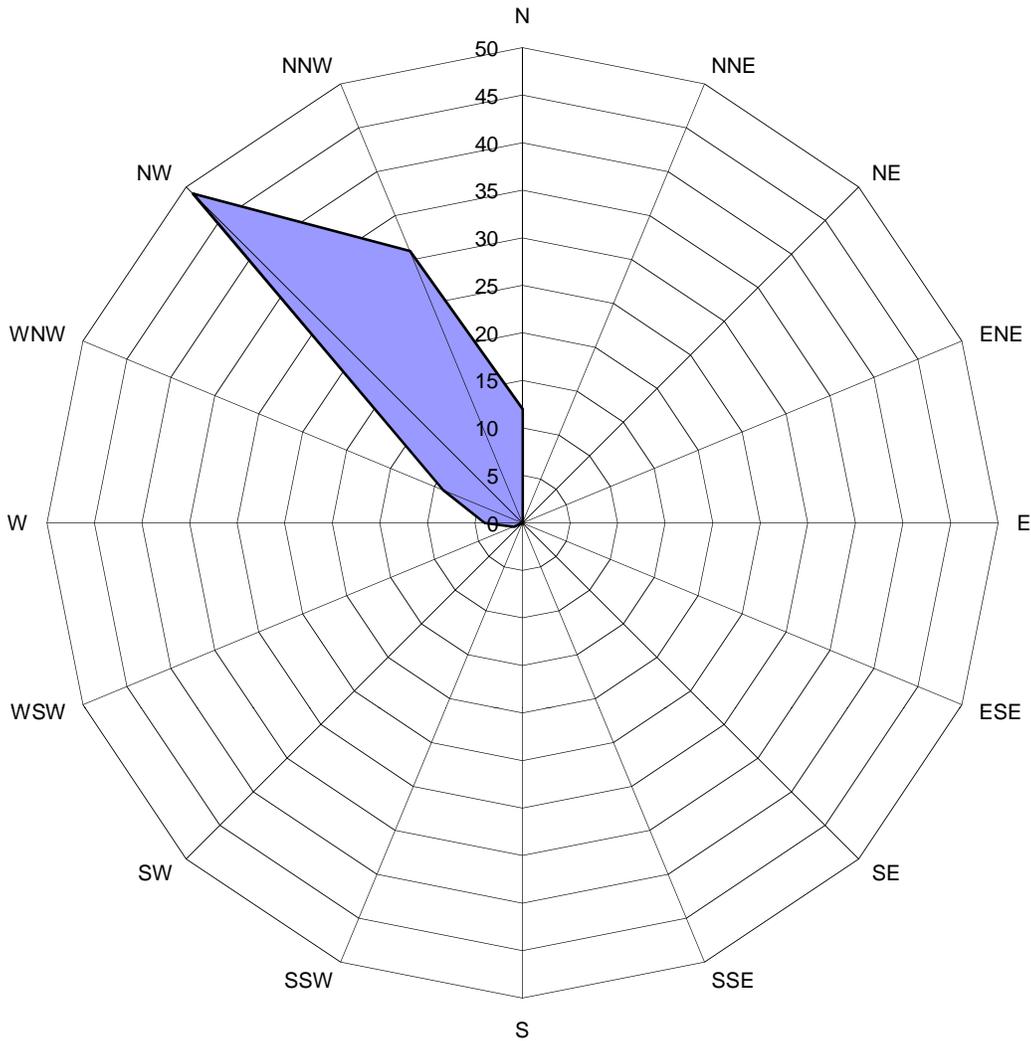
**2-Hour Average Concentration Vs. Sample Time**  
**Perimeter Dust Meter Location 4**  
**10/01/09**  
**Perimeter Monitoring Action Level = PM10 2-Hour Average > 0.150 mg/m<sup>3</sup>**



# Meter #5 Greenville Overlook



# Greenville Overlook Wind Direction Chart 10/01/09 7:00 AM - 3:45 PM



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