

Greenville Overlook Environmental Daily Status Report



Date: 10/13/09

Weather: Cloudy **Temperature:** 60s° **Winds:** 1-12 mph (North-Northwest)

Items Completed Today BrightFields was on site from 0714 to 1603 to monitor perimeter airborne dust levels, construction activities, and remediation activities.

BrightFields monitored the remedial action activity at Men's Tee Hole 1 (A2), Green 5 (D5), and End of Fairway 8 (A7) where soil was excavated by Lewis Environmental and transported off site. BrightFields collected soil samples from Men's Tee Hole 1 (A2), Green 5 (B5), and End of Fairway 8 (A7). BrightFields also delineated the west edge of Fairway 1 (B2), Tees for Hole 9 (A9 and B4), and the south edge of Fairway 9 (A6). 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 #5 shut off at approximately 1230 due to a low battery. Handheld dust meter readings were recorded at meter location 5 in the afternoon and were as follows: 1306 = 0.013 mg/m³; 1437 = 0.002 mg/m³; 1546 = 0.003 mg/m³. A replacement meter will be used tomorrow (10/14).

Items Ongoing:

Lewis Environmental will continue the remediation at Fairway 8 and Fairway 9 and continue work on erosion and sediment controls. BrightFields will continue to monitor remedial activities and collect soil samples for analysis.

Material Management (Soil/Wood/Water): 32 truckloads of soil from Men's Tee Hole 1, Green 5, and End of Fairway 8 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

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Greenville Overlook Hand-Held Dust Meter Air Monitoring Log



Time	Location	Dust (mg/m ³)	Notes (i.e.: source of problem, weather, etc.)	Actions Taken
0744	Men's Tee Hole 1	0.017	Remediation area A2	None
0808	Men's Tee Hole 1	0.022	Remediation area A2	None
0827	Green 5	0.030	Remediation area B5	None
0904	Green 5	0.003	Remediation area B5	None
0914	Green 5	0.009	Remediation area B5	None
0941	Green 5	0.006	Remediation area B5	None
0953	Green 5	0.013	Remediation area B5	None
1018	Green 5	0.036	Remediation area B5	None
1040	Green 5	0.021	Remediation area B5	none
1100	Green 5	0.039	Remediation area B5	None
1110	Green 5	0.016	Remediation area B5	None
1130	Men's Tee Hole 1	0.048	Remediation area A2	None
1159	Men's Tee Hole 1	0.054	Remediation area A2	None
1245	Men's Tee Hole 1	0.019	Remediation area A2	None
1300	Men's Tee Hole 1	0.162	Remediation area A2	None
1341	Men's Tee Hole 1	0.378	Breezy; Visible dust generated from haul roads	Lewis Environmental deployed water truck for dust suppression
1416	Men's Tee Hole 1	0.077	Remediation area A2	None

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

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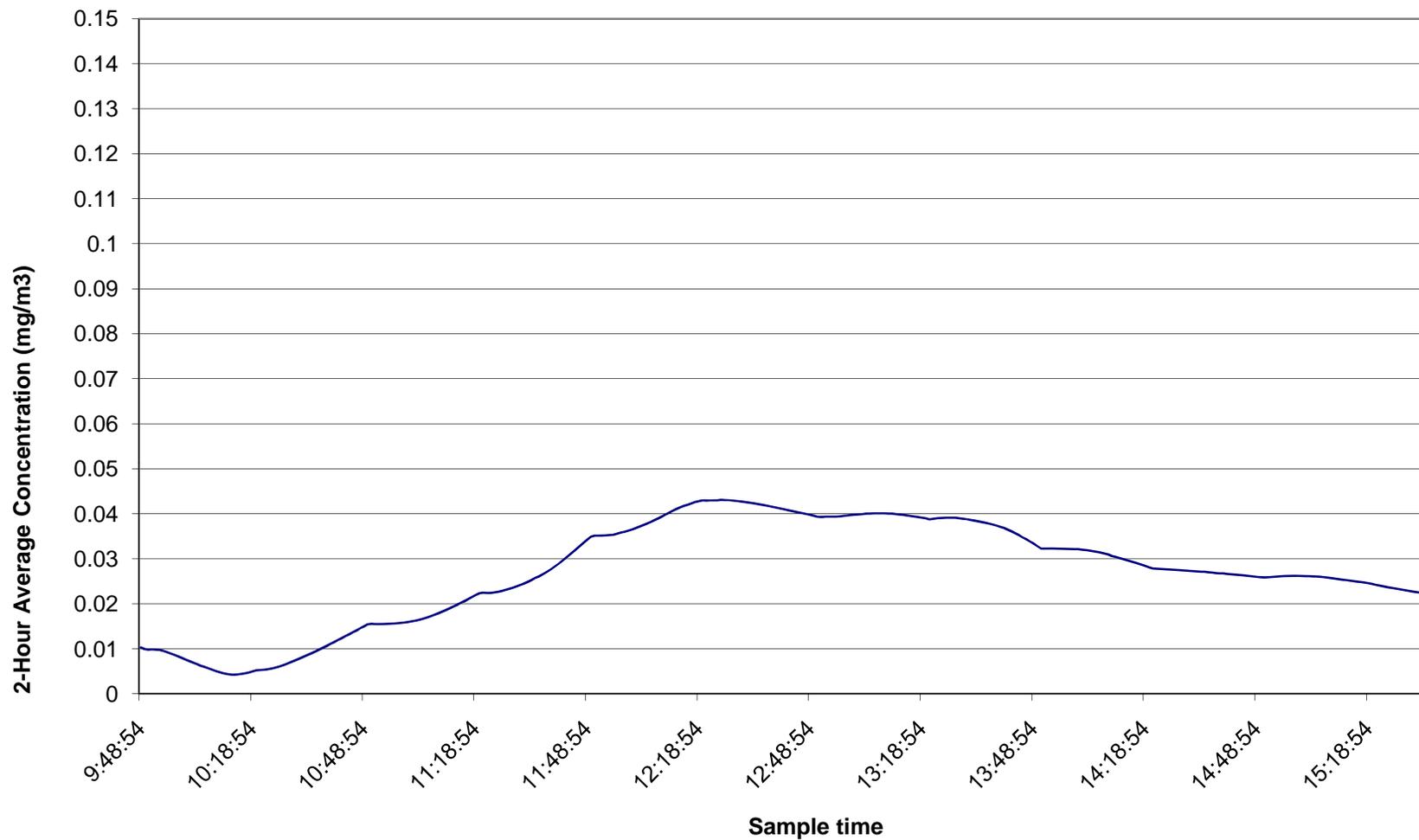


Time	Location	Dust (mg/m ³)	Notes (i.e.: source of problem, weather, etc.)	Actions Taken
1500	End of Fairway 8	0.170	Remediation area A7	None
1515	End of Fairway 8	0.022	Remediation area A7	None
1530	End of Fairway 8	0.218	Remediation area A7	None
				None

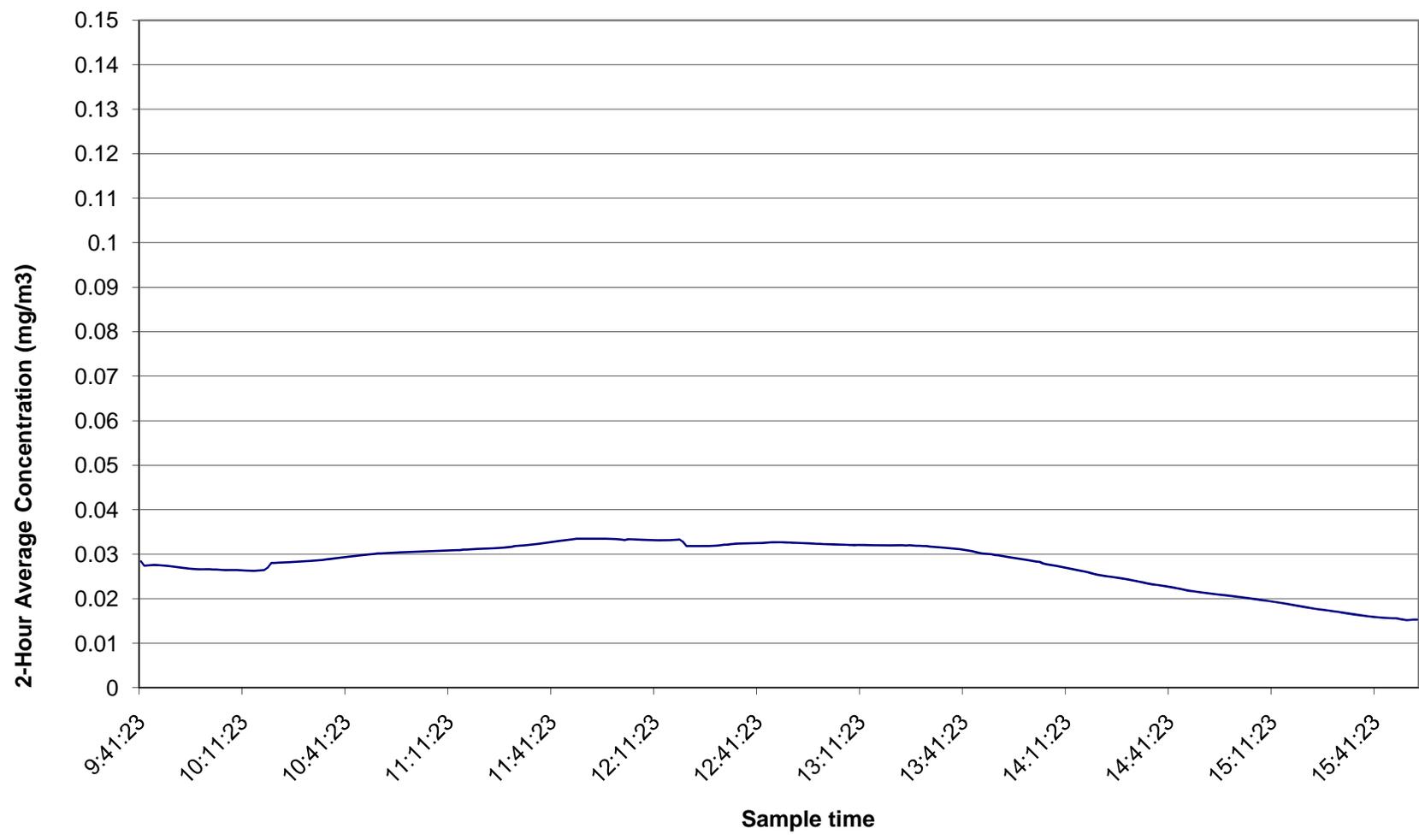
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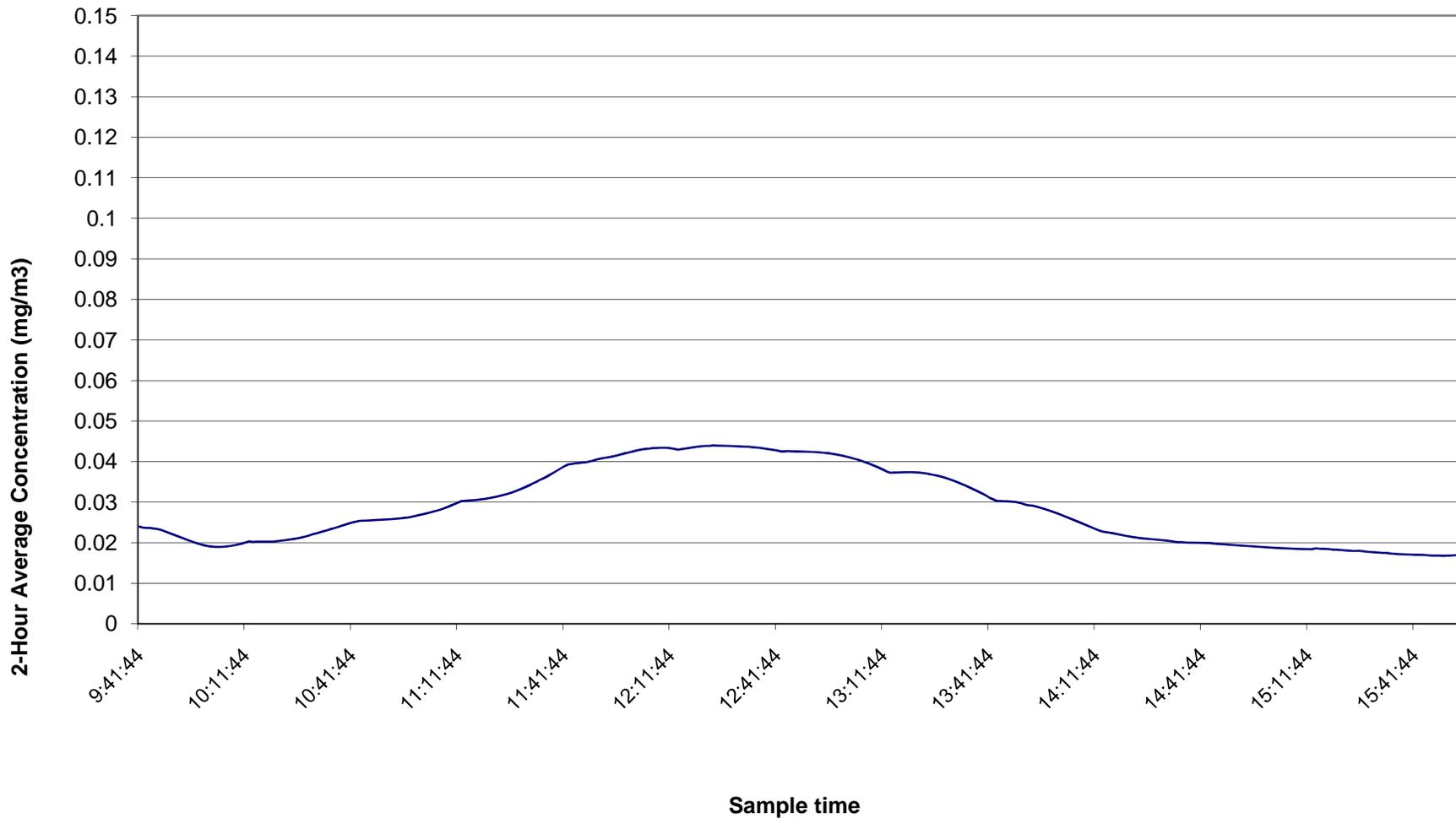
2-Hour Average Concentration Vs. Sample Time
Perimeter Dust Meter Location 1
10/13/09
Perimeter Monitoring Action Level = PM10 2-Hour Average > 0.150 mg/m³



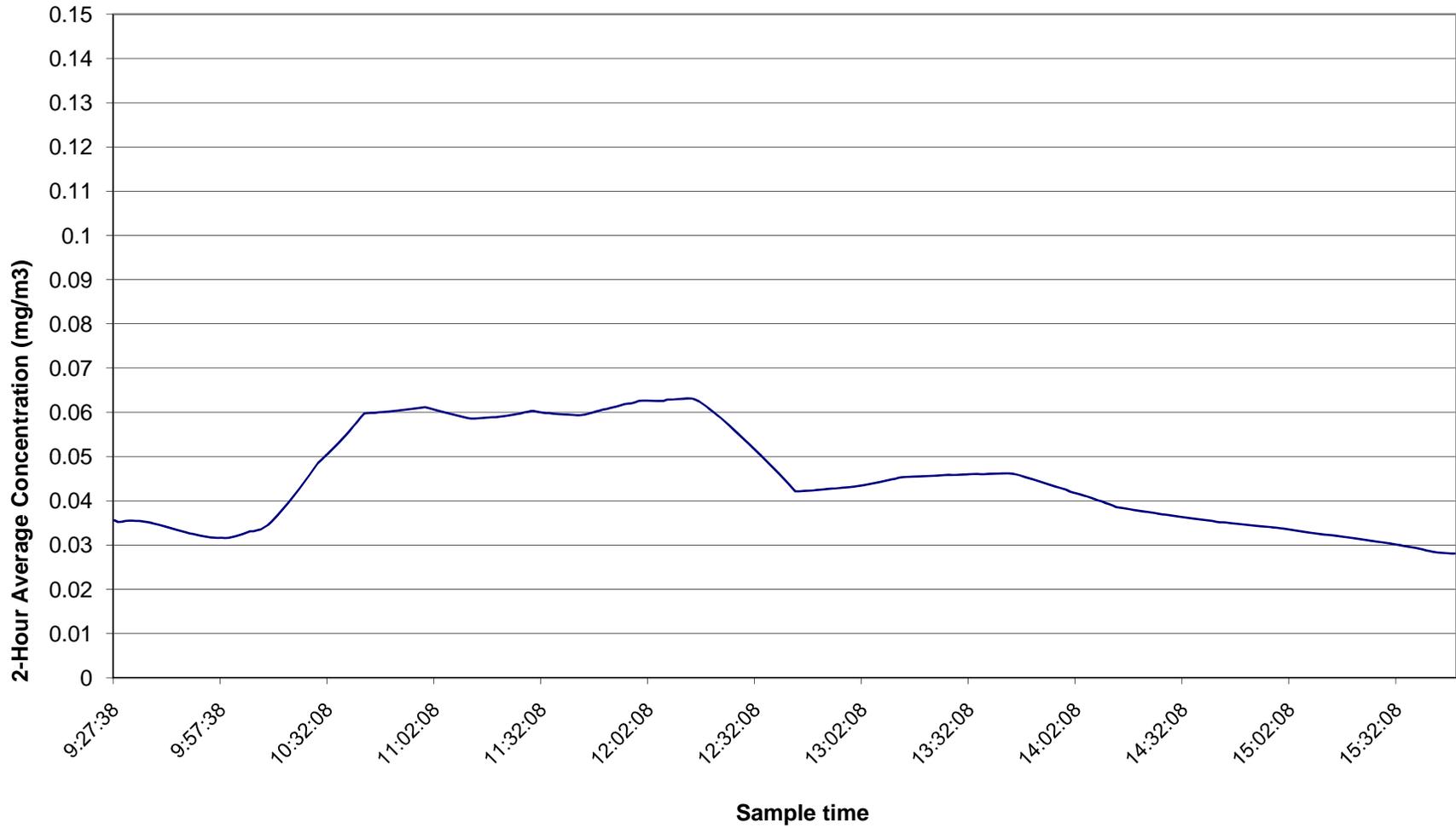
2-Hour Average Concentration Vs. Sample Time
Perimeter Dust Meter Location 2
10/13/09
Perimeter Monitoring Action Level = PM10 2-Hour Average > 0.150 mg/m³



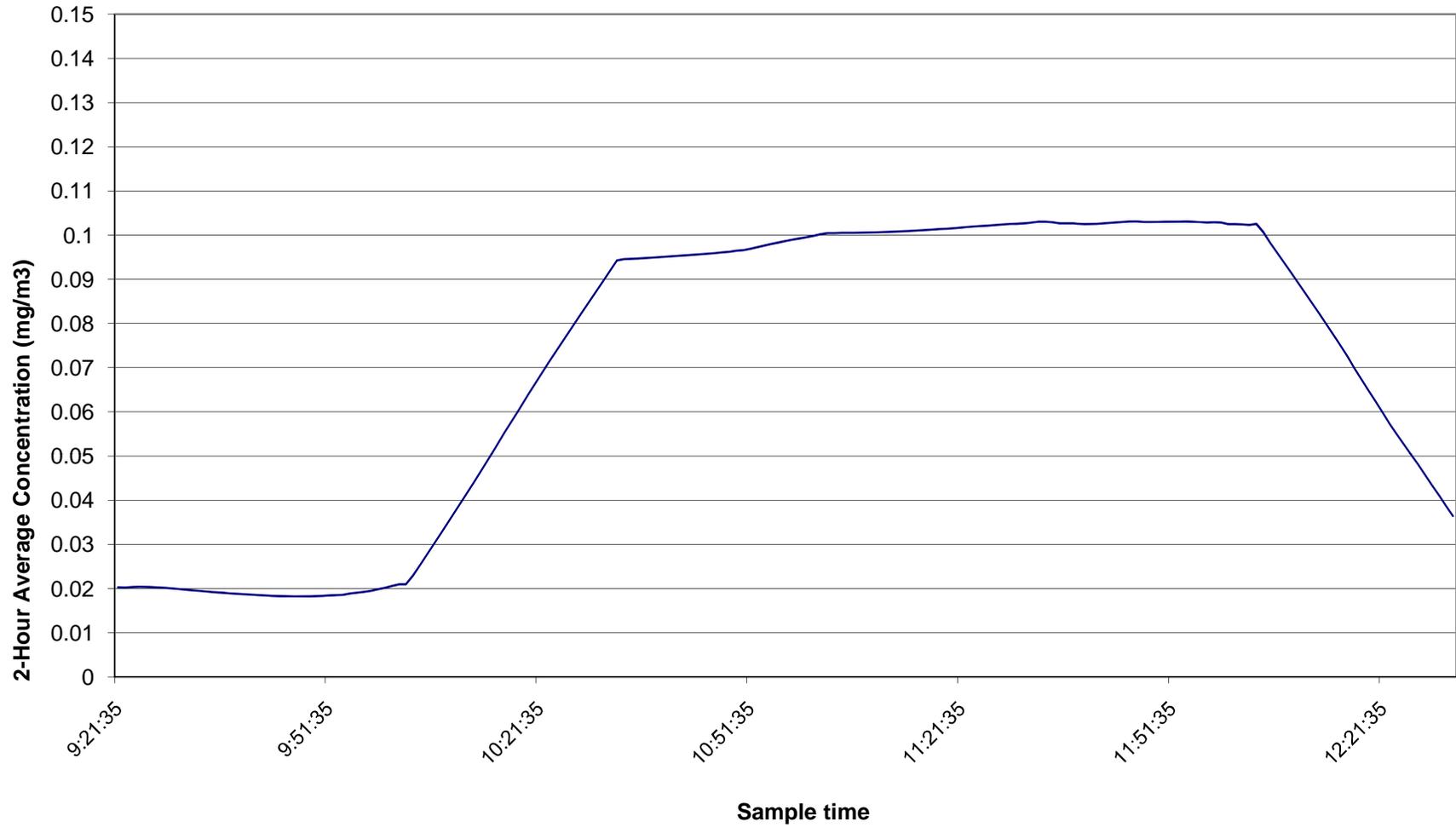
2-Hour Average Concentration Vs. Sample Time
Perimeter Dust Meter Location 3
10/13/09
Perimeter Monitoring Action Level = PM10 2-Hour Average > 0.150 mg/m³



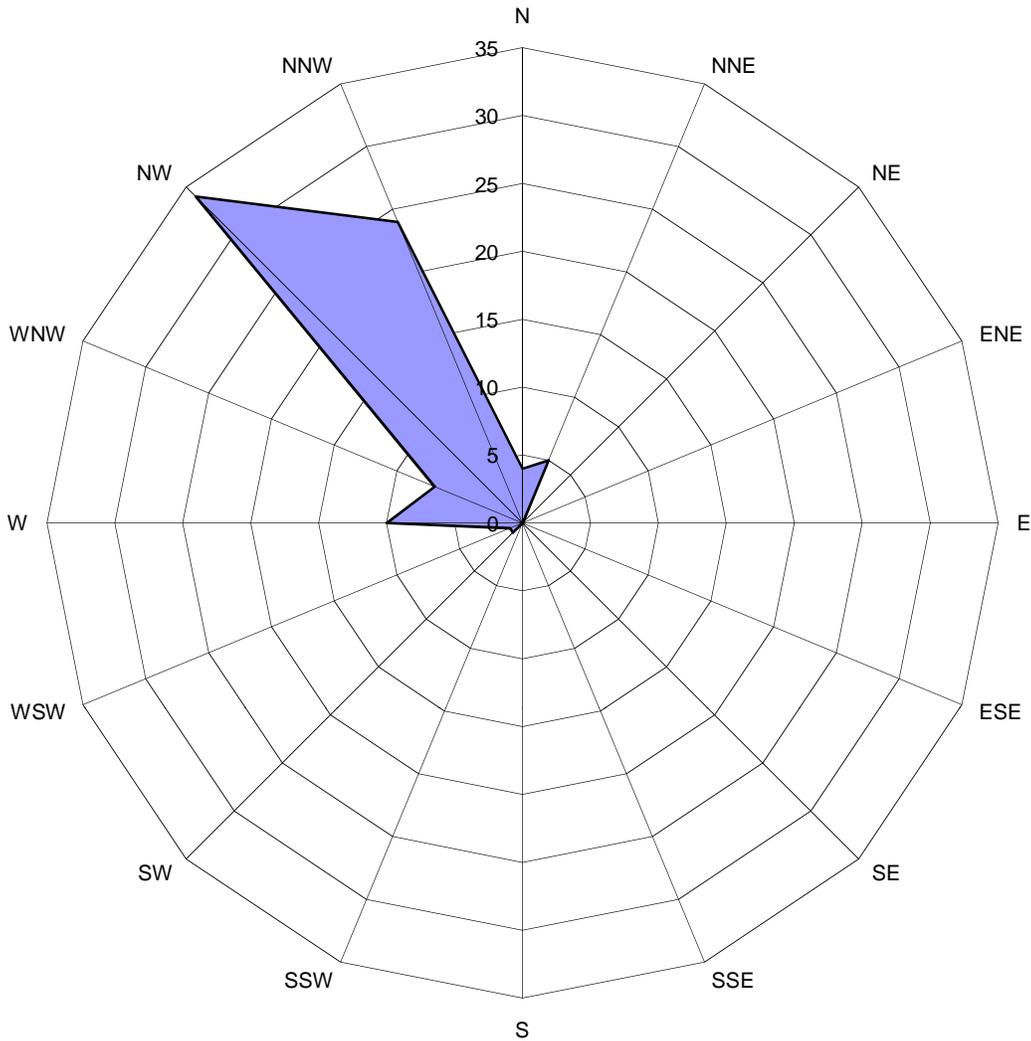
2-Hour Average Concentration Vs. Sample Time
Perimeter Dust Meter Location 4
10/13/09
Perimeter Monitoring Action Level = PM10 2-Hour Average > 0.150 mg/m³



2-Hour Average Concentration Vs. Sample Time
Perimeter Dust Meter Location 5
10/13/09
Perimeter Monitoring Action Level = PM10 2-Hour Average > 0.150 mg/m³



Greenville Overlook Wind Direction Chart 10/13/09 7:00 AM - 3:40 PM



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