

Greenville Overlook Environmental Daily Status Report



Date: 9/16/09

Weather: Overcast, Light Rain **Temperature:** 60s° **Winds:** 2-7 mph (North-Northeast)

Items Completed Today: BrightFields was on site from 07:02 to 14:45 to monitor perimeter airborne dust levels, and monitor remediation activities and airborne dust levels during the sanitary sewer line excavation at the north end of Fairway 3.

Lewis Environmental excavated approximately 70 linear feet of a trench on the north end of Fairway 3 and Green 3 (location D4) to expose a sanitary sewer line located below the remediation area. A “soft dig” Vacmaster 4000 was utilized to excavate the trench. Excavated soil was stockpiled on its corresponding remedial area for future blending or removal. BrightFields collected screening samples during sanitary the sewer line excavation on Fairway 3 and Green 3 to confirm the depth of arsenic contamination. Soil samples were collected and analyzed onsite utilizing an X-Ray Fluorescence analyzer. The results of the soil analysis will be used to determine remediation depth along the sewer pipe that runs through Fairway 3 and Green 3.

Items Ongoing: Lewis Environmental will continue to excavate trench along the sanitary sewer line utilizing the Vacmaster 4000 at Green 3 (location D4). Once the trench along the sewer line is exposed, BrightFields will conduct screening sampling of the soil in the base of the trench. Excavated soil will be stockpiled on its corresponding remedial area for future blending or removal. The stockpiled material will be stabilized.

Installation of haul roads will continue this week. Construction of swales and berms, per the Erosion and Sediment Control Plan, are scheduled to begin this week. Major blending and excavation remedial activities are expected to begin around 9/23/09.

Material Management (Soil/Wood/Water): Soil excavated from sanitary sewer line area was stockpiled adjacent to the trench for future blending or removal.

Personal Protection Equipment Used by Workers:

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

Safety glasses and hearing protection used by the vacuum truck crew.

Sampling or Monitoring Completed:

(if yes, please specify the reason.)

Air monitoring on site

No Yes, reason: Perimeter airborne dust monitoring

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Soil sampling No Yes, reason: screening samples used to determine remediation depth along the sewer pipe that runs through Fairway 3 and Green 3.

Visitors Briefed on Environmental Conditions:

None

Completed By: John Stratton and John Stevens

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60°

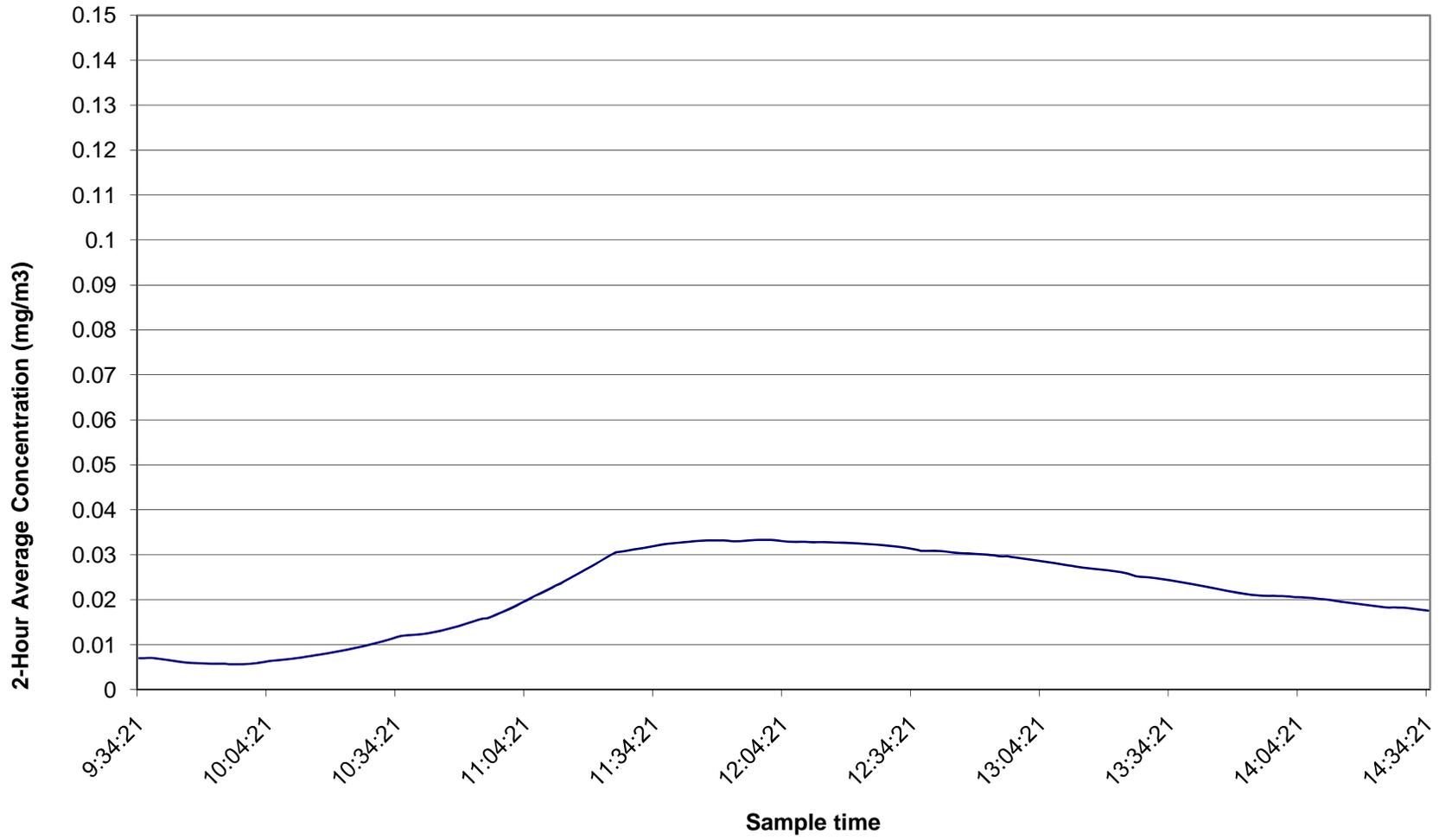
Greenville Overlook Hand-Held Dust Meter Air Monitoring Log



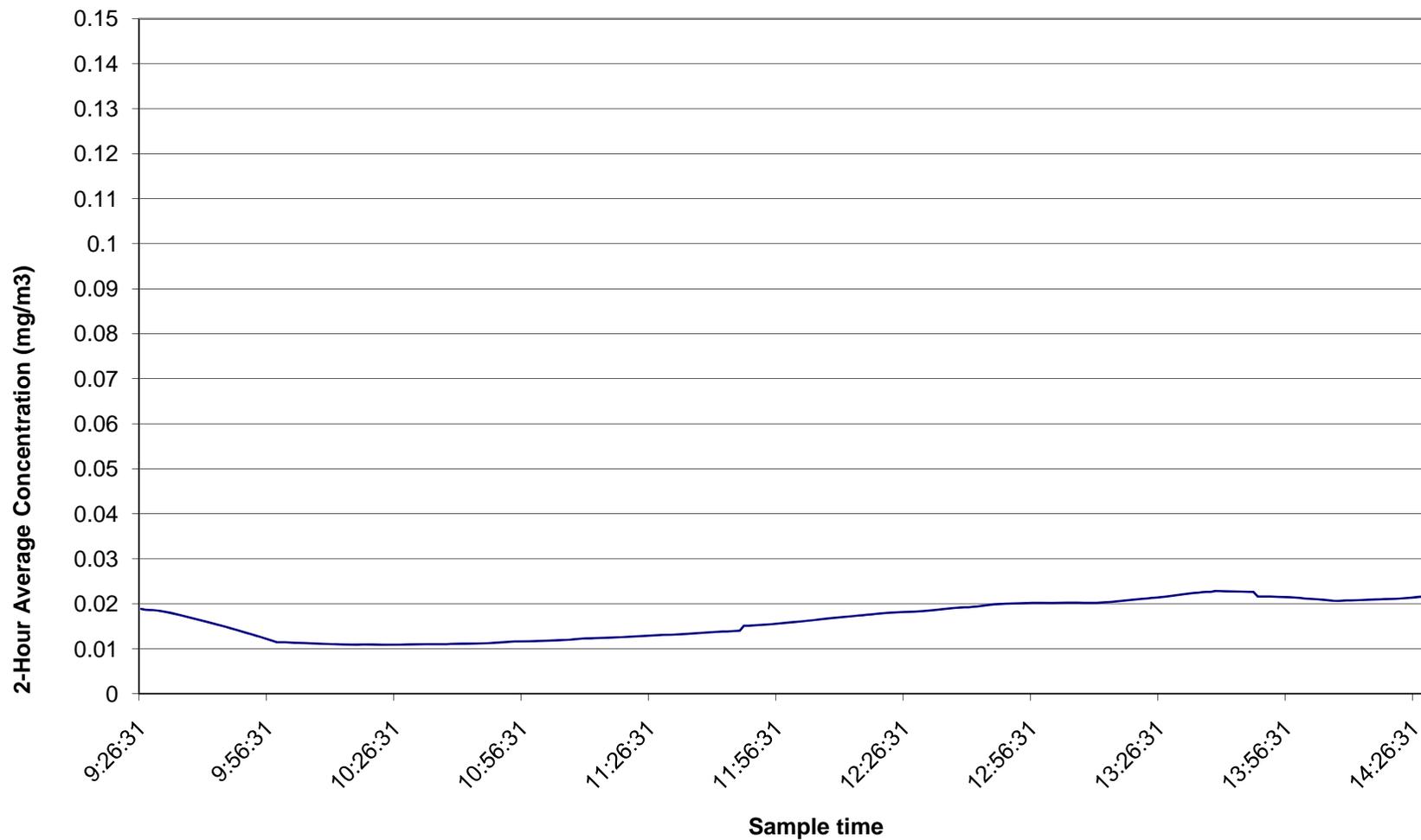
Time	Location	Dust (mg/m ³)	Notes (i.e.: source of problem, weather, etc.)	Actions Taken
7:20	Fairway 3 (D3)	0.137	Sanitary sewer excavation	No action needed
7:27	Fairway 3 (D3)	0.422	Sanitary sewer excavation	No action needed
7:28	Fairway 3 (D3)	0.031	Sanitary sewer excavation	No action needed
7:40	Fairway 3 (D3)	0.138	Sanitary sewer excavation	No action needed
7:54	Fairway 3 (D3)	0.025	Sanitary sewer excavation	No action needed
1000	Fairway 3 (D3)	0.066	Sanitary sewer excavation	No action needed
1015	Fairway 3 (D3)	0.113	Sanitary sewer excavation	No action needed
1030	Fairway 3 (D3)	0.097	Sanitary sewer excavation	No action needed
1130	Fairway 3 (D3)	0.023	Sanitary sewer excavation	No action needed
1145	Fairway 3 (D3)	0.041	Sanitary sewer excavation	No action needed
1200	Fairway 3 (D3)	0.011	Sanitary sewer excavation	No action needed
1345	Green 4 (D4)	0.028	Sanitary sewer excavation	No action needed
1400	Green 4 (D4)	0.049	Sanitary sewer excavation	No action needed
1415	Green 4 (D4)	0.026	Sanitary sewer excavation	No action needed

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.

2-Hour Average Concentration Vs. Sample Time
Perimeter Dust Meter Location 1
9/16/09
Perimeter Monitoring Action Level = PM10 2-Hour Average > 0.150 mg/m³



2-Hour Average Concentration Vs. Sample Time
Perimeter Dust Meter Location 2
9/16/09
Perimeter Monitoring Action Level = PM10 2-Hour Average > 0.150 mg/m³

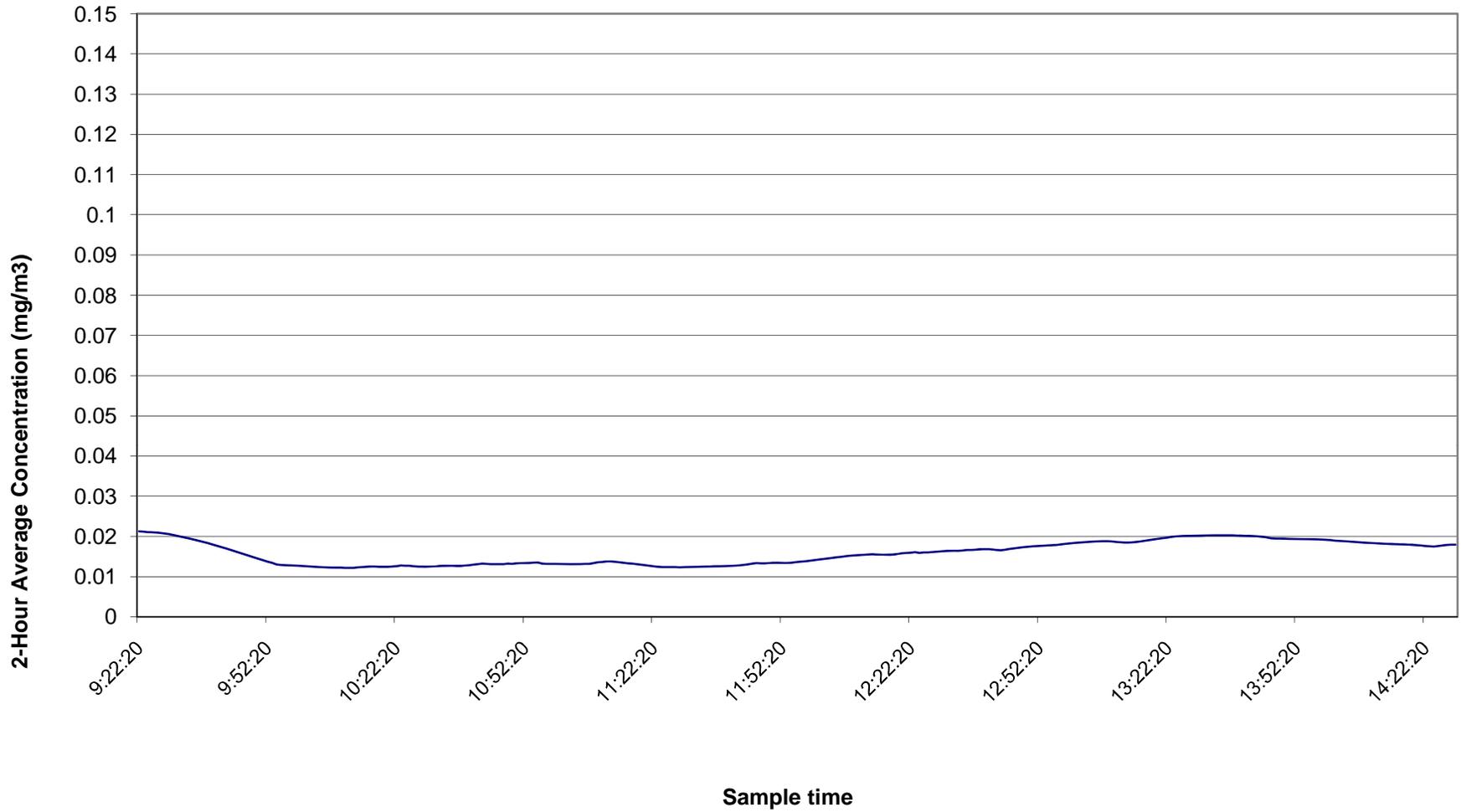


2-Hour Average Concentration Vs. Sample Time

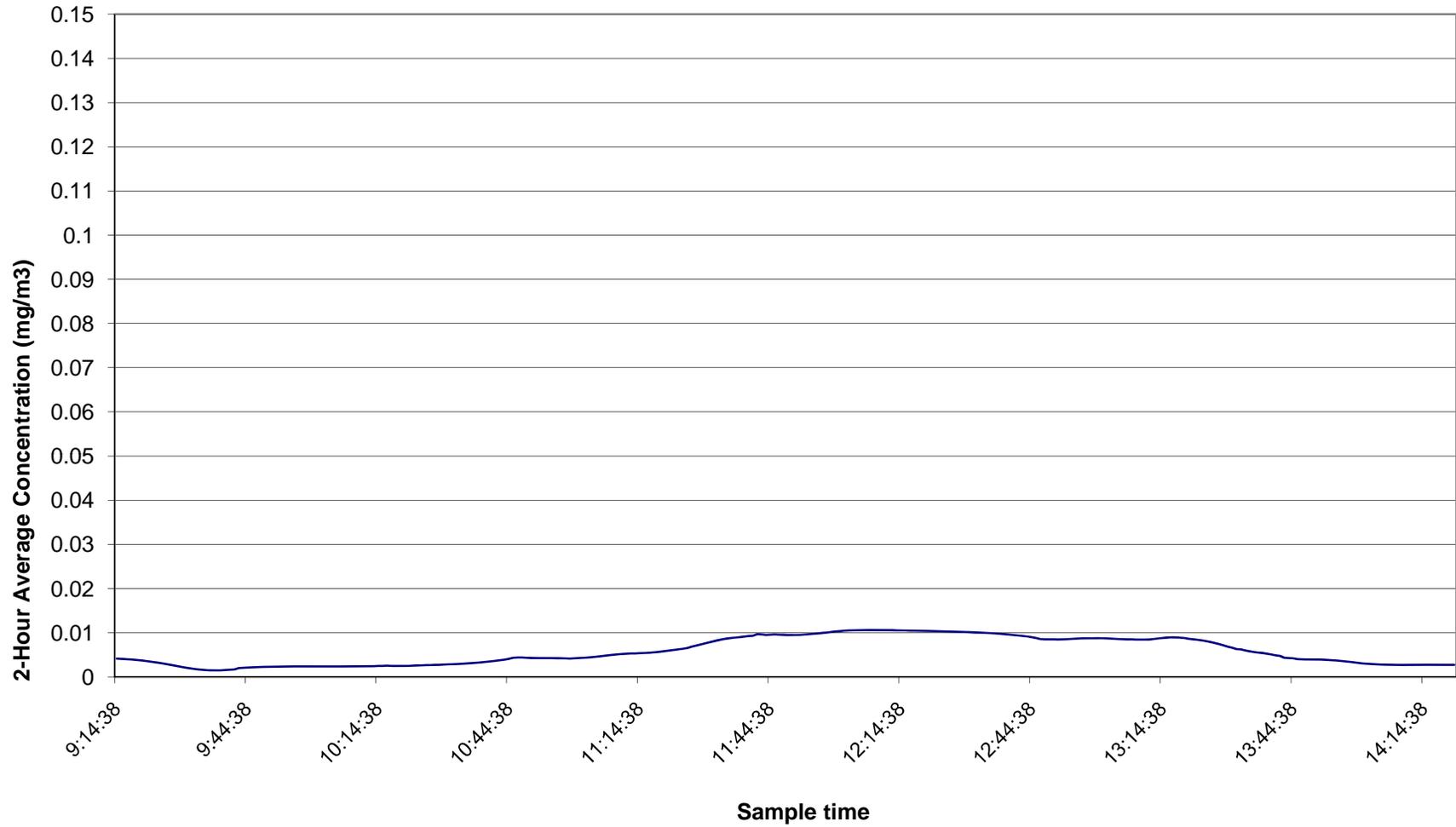
Perimeter Dust Meter Location 3

9/16/09

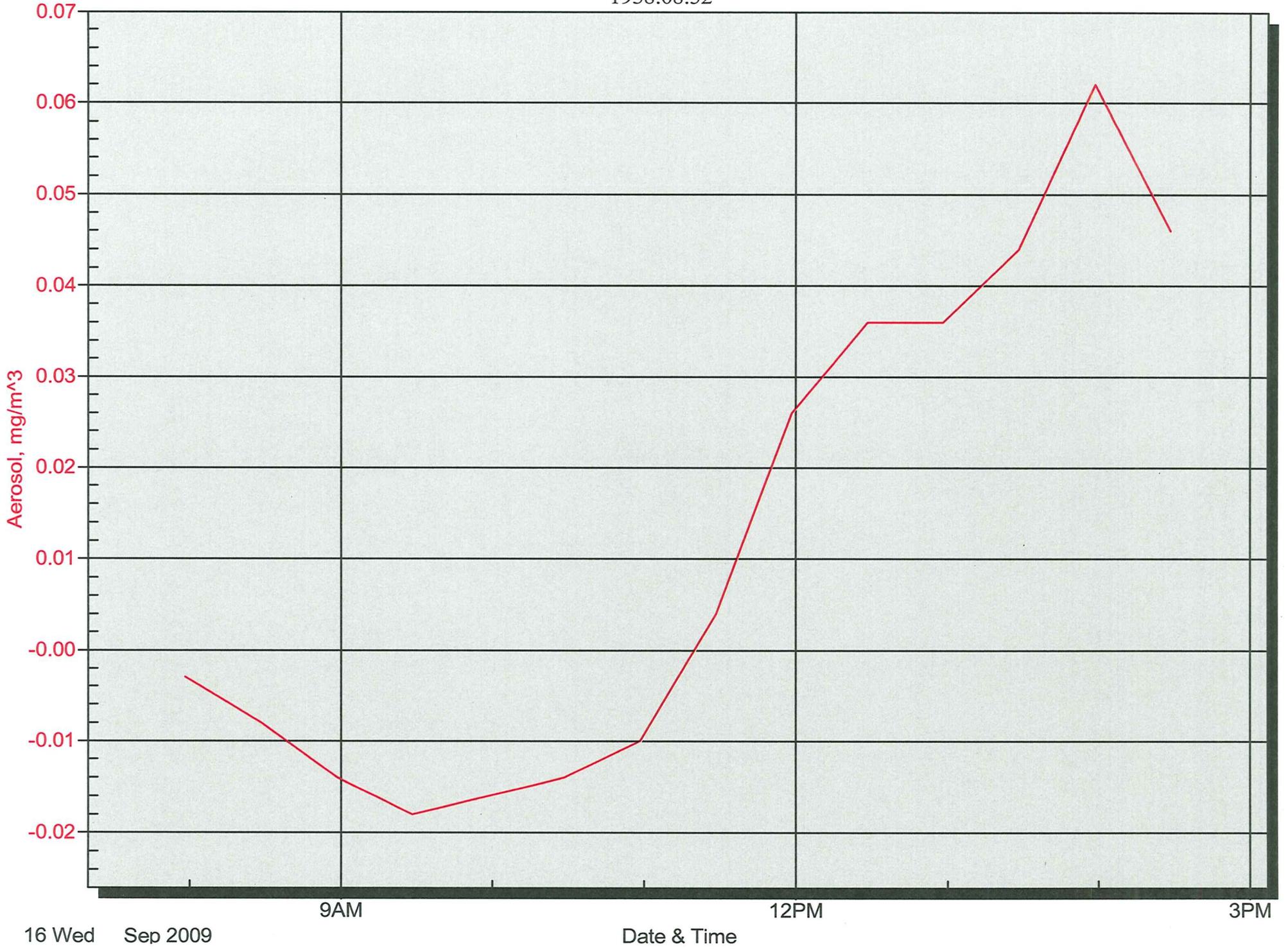
Perimeter Monitoring Action Level = PM10 2-Hour Average > 0.150 mg/m³



2-Hour Average Concentration Vs. Sample Time
Perimeter Dust Meter Location 4
9/16/09
Perimeter Monitoring Action Level = PM10 2-Hour Average > 0.150 mg/m³

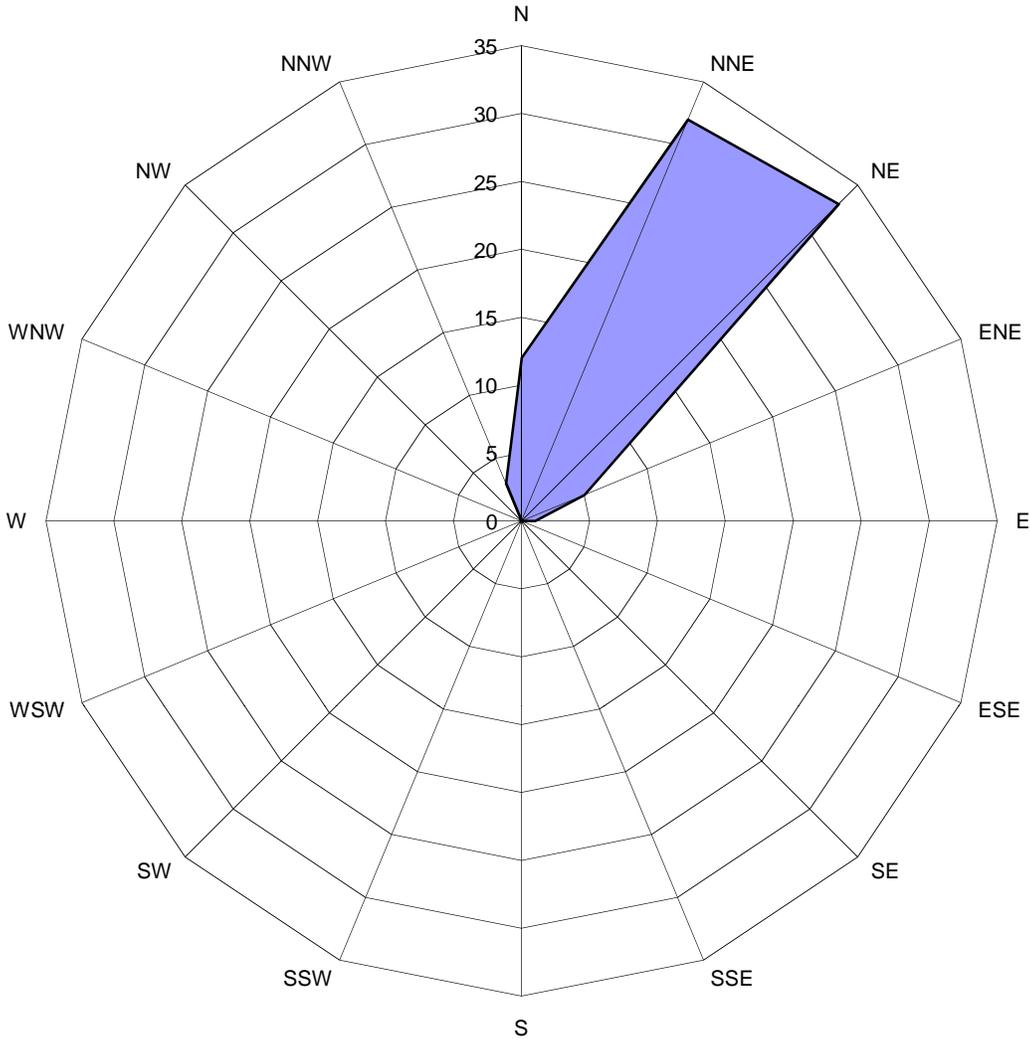


Dust Meter Data PERIMETER DUST METER LOCATION 5
1938.08.52



Greenville Overlook Wind Direction Chart

9/16/09
7:00 AM - 2:05 PM



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