Greenville Overlook
Environmental Daily Status Report

Date: 9/21/09

Weather: Cloudy **Temperature:** 70°s **Winds:** 0-4 mph (South-Southeast)

Items Completed Today: No remedial activities were conducted today. Lewis continued the construction of sediment basins in the southwest corner of the site. BrightFields was on site from 07:10 to 14:56 to monitor perimeter airborne dust levels and construction activities.

BrightFields collected soil screening samples along the future swale and berm locations running along Fairway 3 and Area A. Soil samples were collected and analyzed onsite utilizing an X-Ray Fluorescence analyzer. The results of the soil analysis will be used to determine the extent of the remediation area.

The dust monitor for Perimeter Meter #5 (located in the Northwest corner of the property) was sent in for maintenance. A replacement meter is being used in the meantime. The dust monitor for Perimeter Meter #1 was malfunctioning. A substitute meter was setup in its place.

Items Ongoing:
Construction of swales and berms, per the Erosion and Sediment Control Plan, are expected to begin this week. Major blending and excavation remedial activities are expected to begin late this week.

Material Management (Soil/Wood/Water): No material management in remediation areas.

Personal Protection Equipment Used by Workers:
Used: 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 airborne dust monitoring

Soil sampling ☐No ☒Yes, reason: screening samples used to determine arsenic concentrations in the swale and berm areas.

Visitors Briefed on Environmental Conditions:
Two Lewis Environmental operators new to the site were briefed on Environmental conditions.

Completed By: John Stratton

Date: 9/21/09
Weather: Cloudy, 70°s

Greenville Overlook
Hand-Held Dust Meter Air Monitoring Log

BrightFields, Inc.
Environmental Services

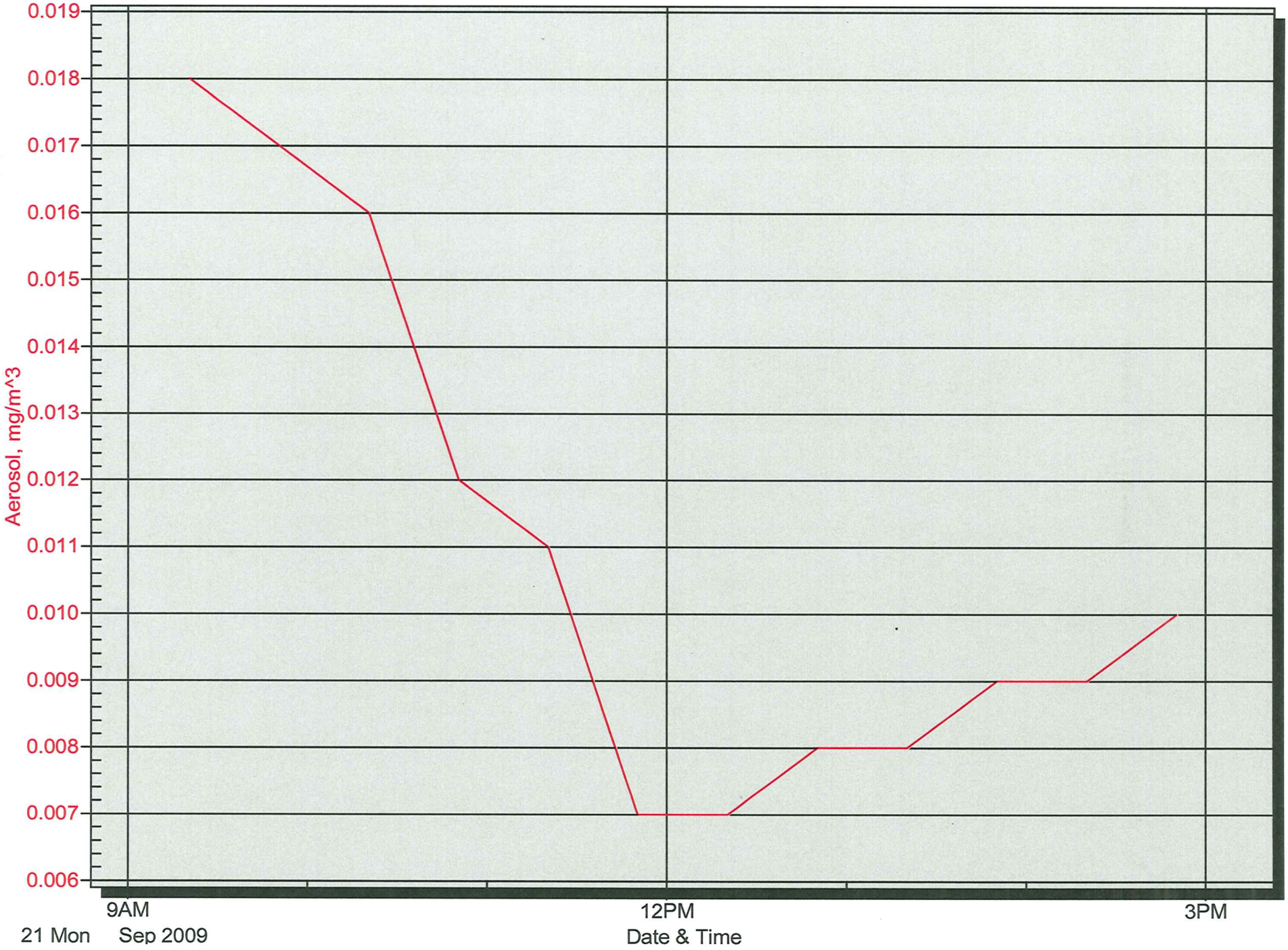
Time	Location	Dust (mg/m^3)	Notes (i.e.: source of problem, weather, etc.)	Actions Taken
			NO REMEDIAL ACTIVITY	

Action Levels for Dust (sustained, exceeding 5 minutes):

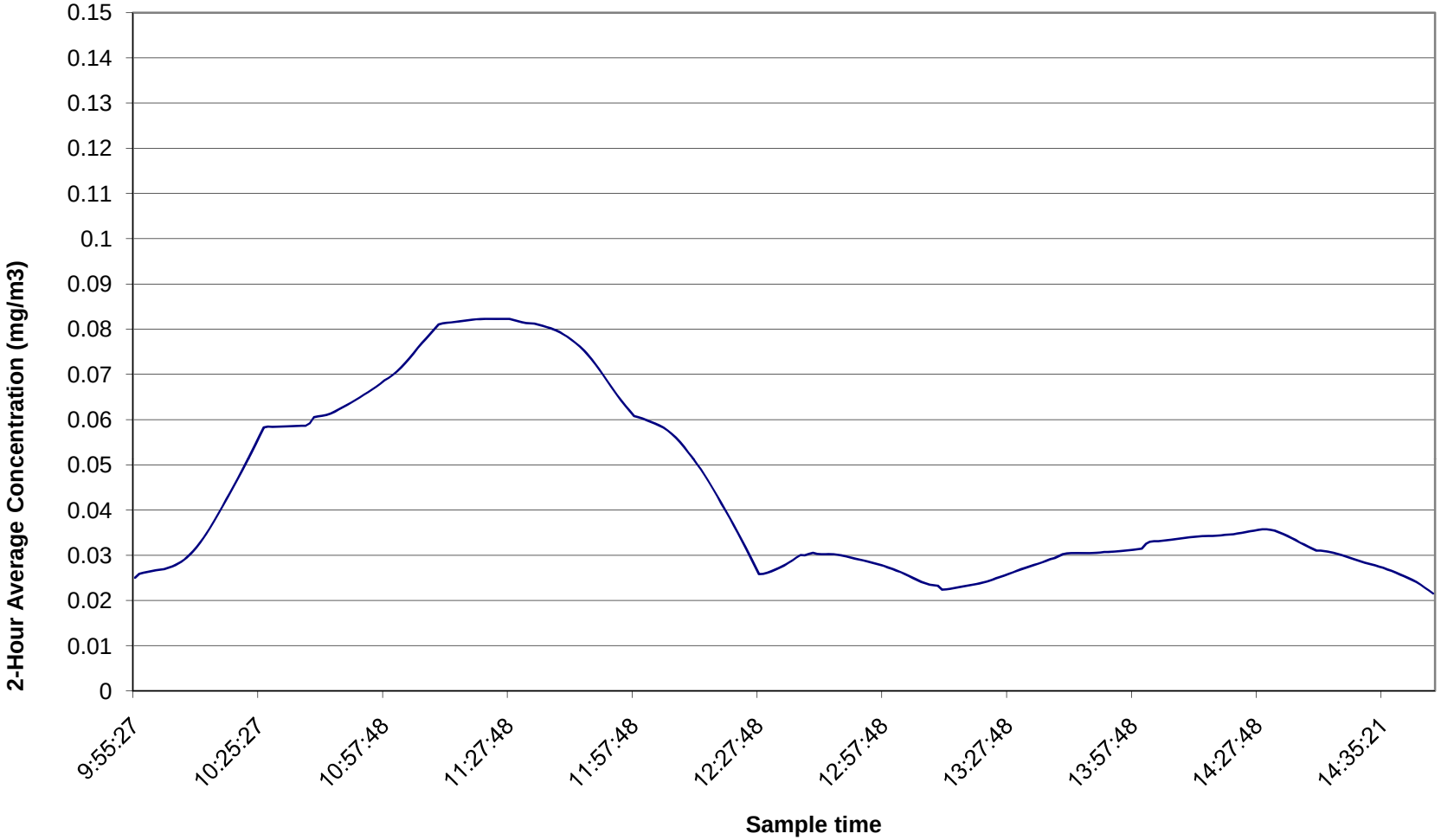
Dust Level	Level of Protection
0.8mg/m^3	Level D plus engineering controls such as wetting surface.
$\geq$ 2 mg/m^3	Stop work, evacuate workers and implement more stringent engineering controls and possible Level C.

Meter #1

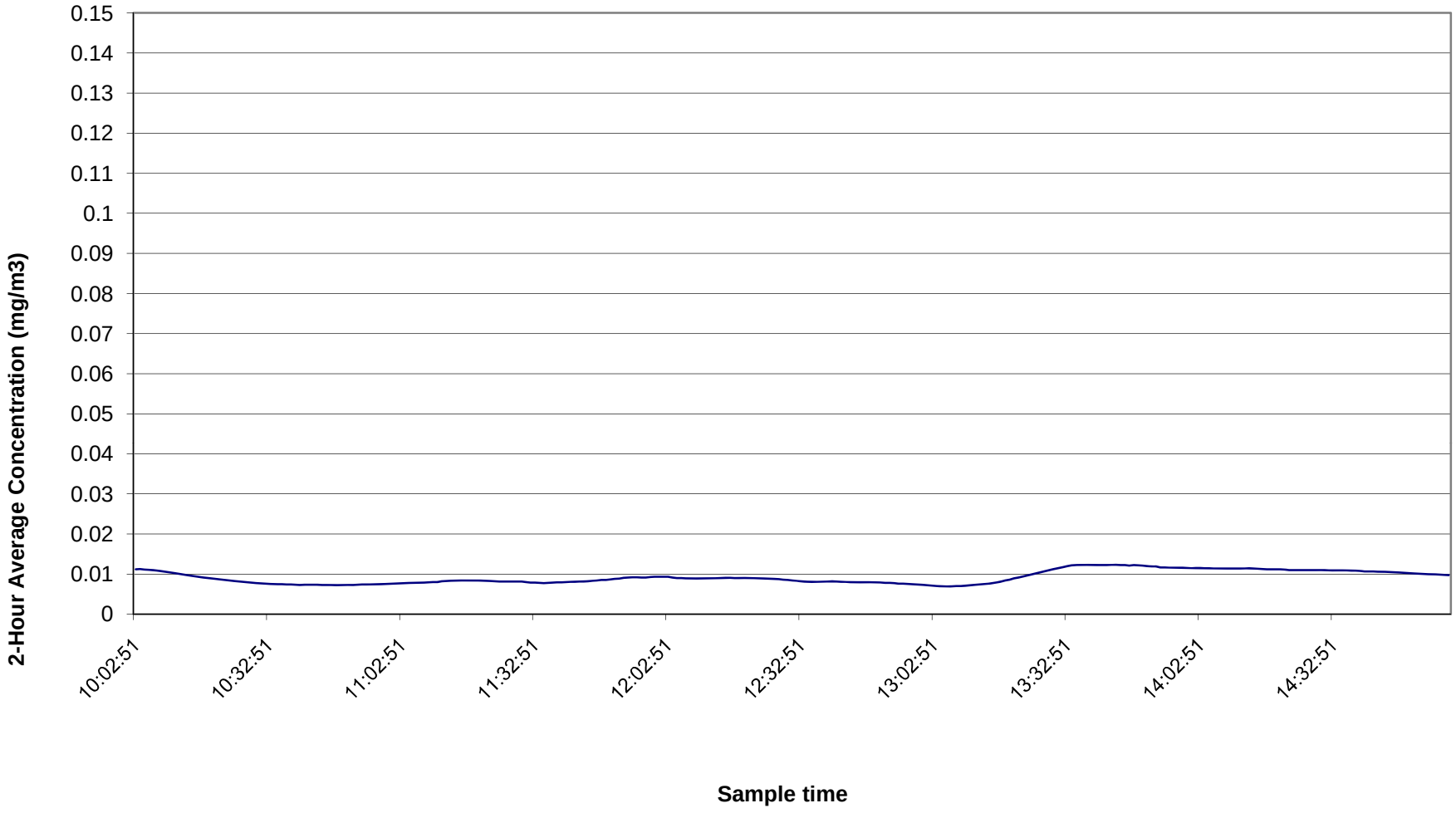
Greenville Overlook



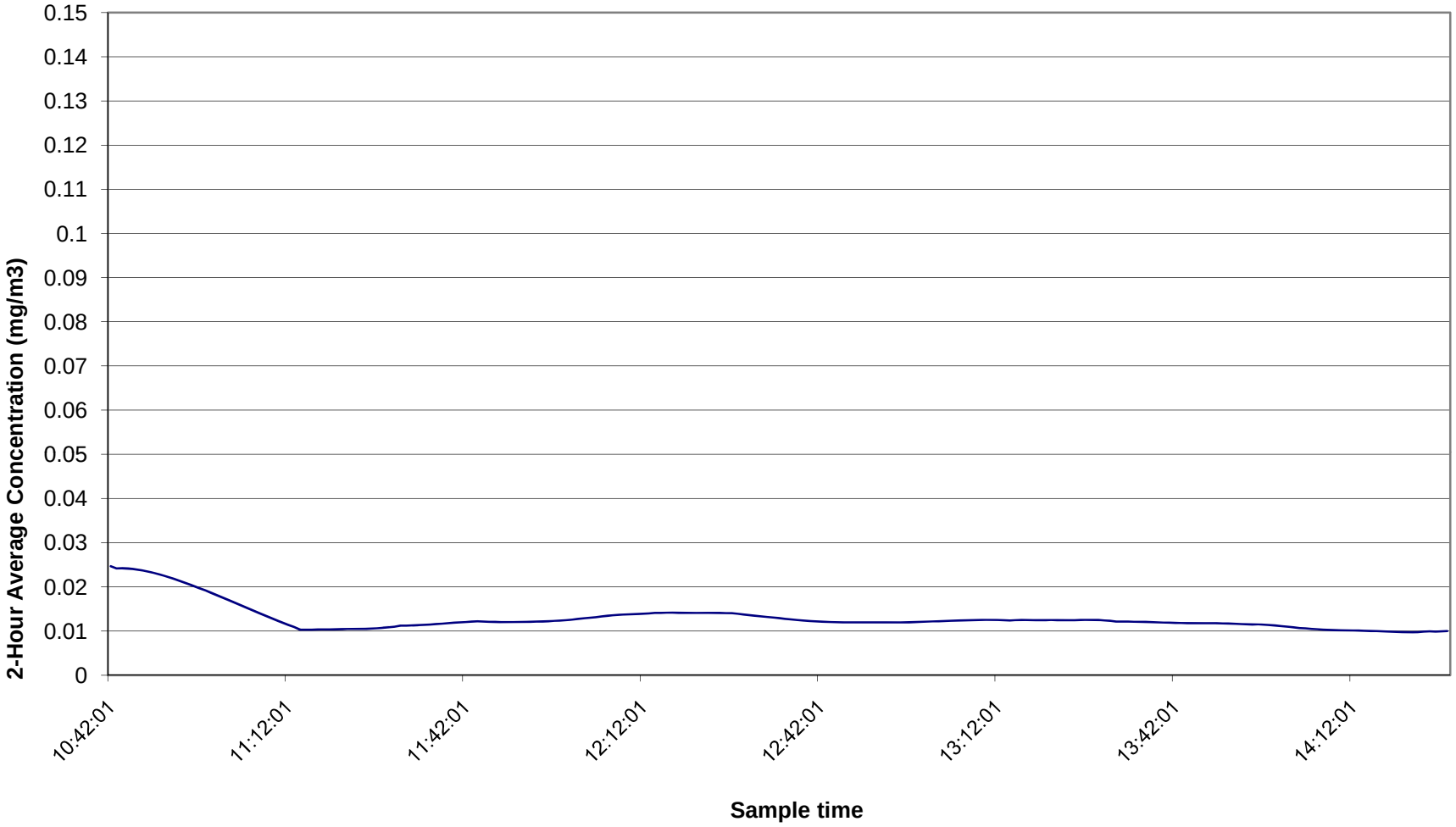
2-Hour Average Concentration Vs. Sample Time
Perimeter Dust Meter Location 2
9/21/09
Perimeter Monitoring Action Level = PM10 2-Hour Average > 0.150 mg/m^3



2-Hour Average Concentration Vs. Sample Time
Perimeter Dust Meter Location 3
9/21/09
Perimeter Monitoring Action Level = PM10 2-Hour Average > 0.150 mg/m³

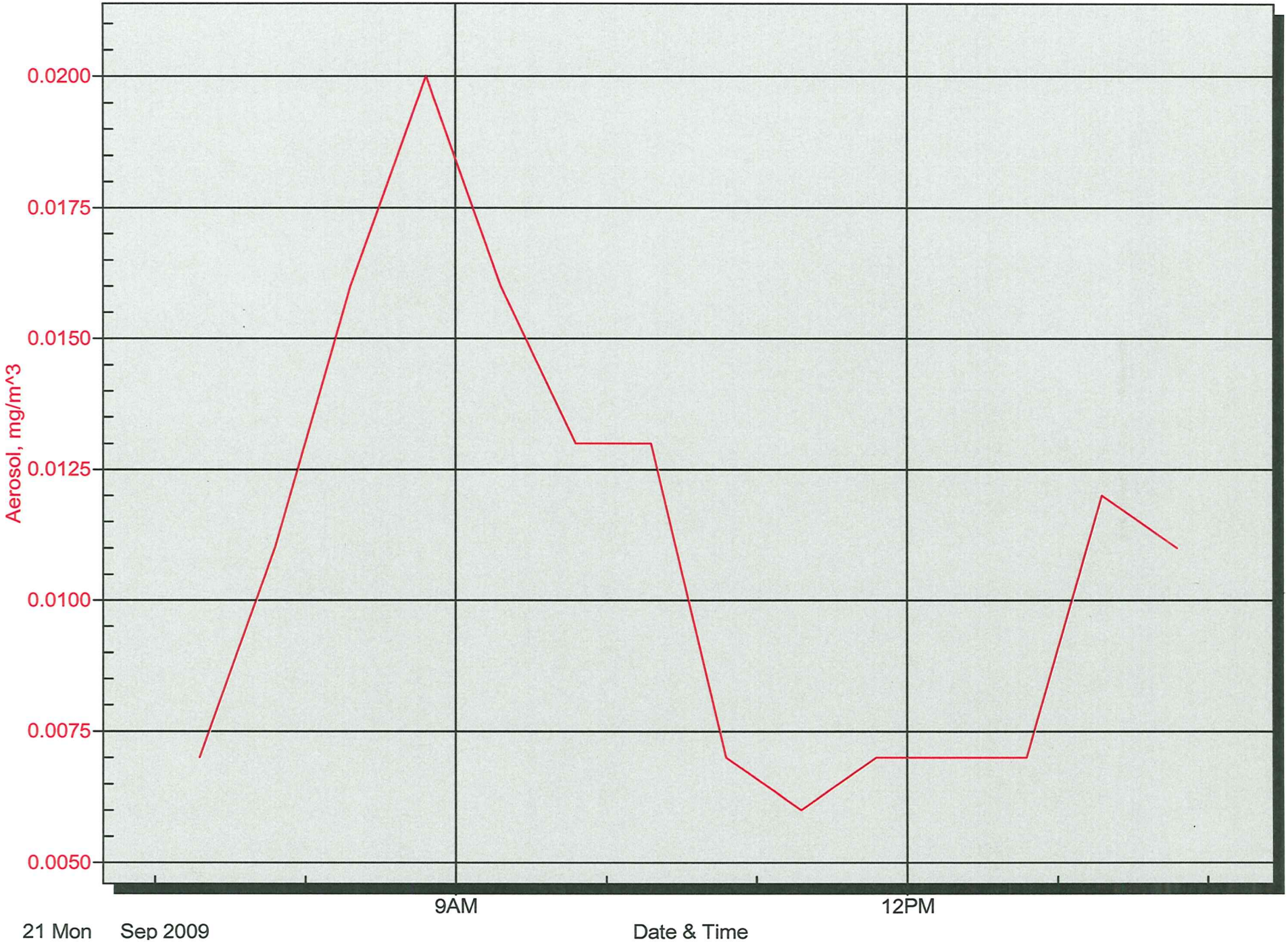


2-Hour Average Concentration Vs. Sample Time
Perimeter Dust Meter Location 4
9/21/09
Perimeter Monitoring Action Level = PM10 2-Hour Average > 0.150 mg/m^3

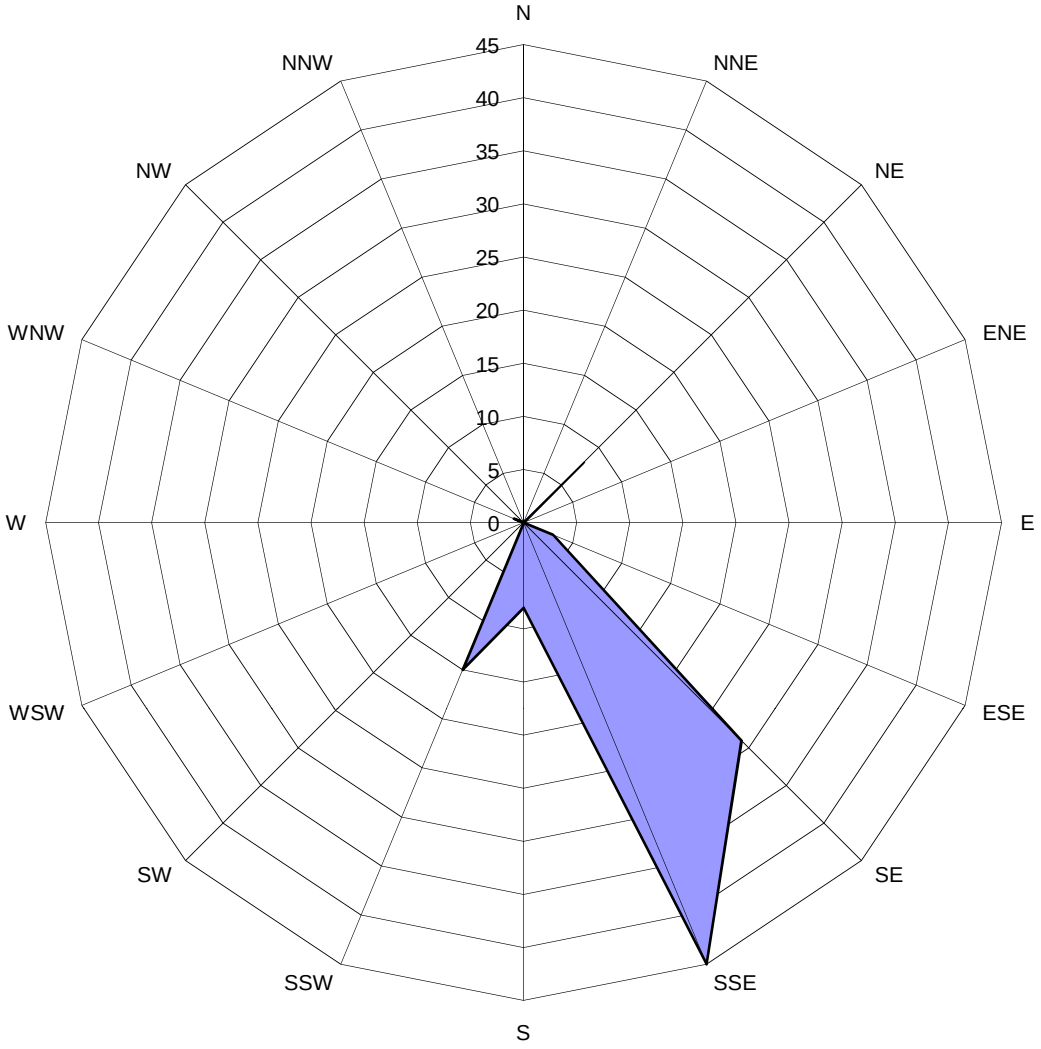


Meter #5

Greenville Overlook



Greenville Overlook Wind Direction Chart
9/21/09
7:00 AM - 5:00 PM



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

1938.08.52