

**Meter 12, April 16, 2008**



**Figure 93.** Aerial Photograph of Meter 12 Location, April 16, 2008.

SITE #12

### Indian Point Siren Test Data Sheet

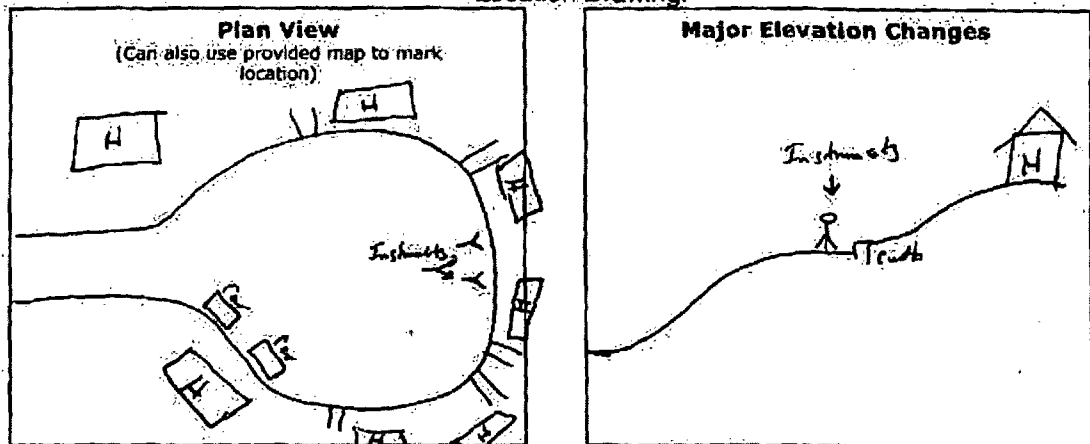
-----To be filled in by at the EOF by support staff-----

Date: 4/16/08 Time: 56:09:04 ✓  
 SLM Model: M88A831 SLM Serial Number: 1057 \ WEATHER ✓  
 Tester's Name: MS Andrew Kinsey  
 GPS Coordinates: 73.93198 West 41.15900 North  
 Checked Battery?  Yes No 98%  
 Checked Clock?  Yes No  
 Memory Checked?  Yes No  
 Calibration level before test: 94.0 dBC  
 30-second calibration tone recorded before test?  Yes No  
 Calibration level after test: 94.0 dBC  
 30-second calibration tone recorded after test?  Yes No  
 Calibrator Model: BTK 4231 Calibrator SN: 2575552

DOWNLOADED  
 SLM ✓ \ WEATHER ✓

-----To be filled in by the field crew at the site-----

#### Location Drawing:



Measurement Location description: Robin Court - Back of Cul-De-Sac at top of hill  
 Microphone height: 5.0 ft. Wind Dir: 305 deg.  
 Photos Taken?  Yes No Wind Spd: ? mph  
 Meter Recording?  Yes No Temp: 55 °F  
 Weather Station on and wind cover removed?  Yes No  
 Ambient noise level before test: 66 dBC  
 Maximum level observed during the test: 76.1 dBC  
 Could you hear the sirens?  Yes No  
 Ambient noise level after test: 65 dBC  
 Notes about test (including background noise and noise intrusions during the test):  
Traffic sounds from 90 and 303. Someone going Door-to-Door.  
Voices (conversations) during test from Door-to-Door people (8 people).  
Dog barking after test.  
 Tester's Signature: [Signature]

Figure 94. Data Sheet for Meter 12, April 16, 2008



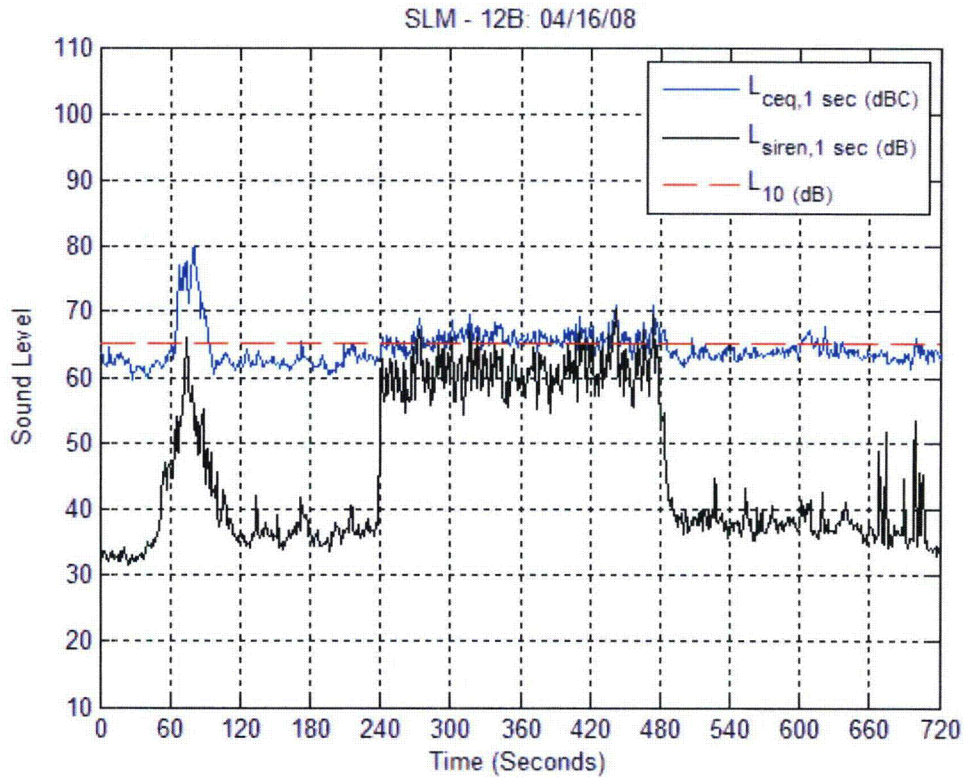


Figure 95. Time History Plot for Meter 12, April 16, 2008

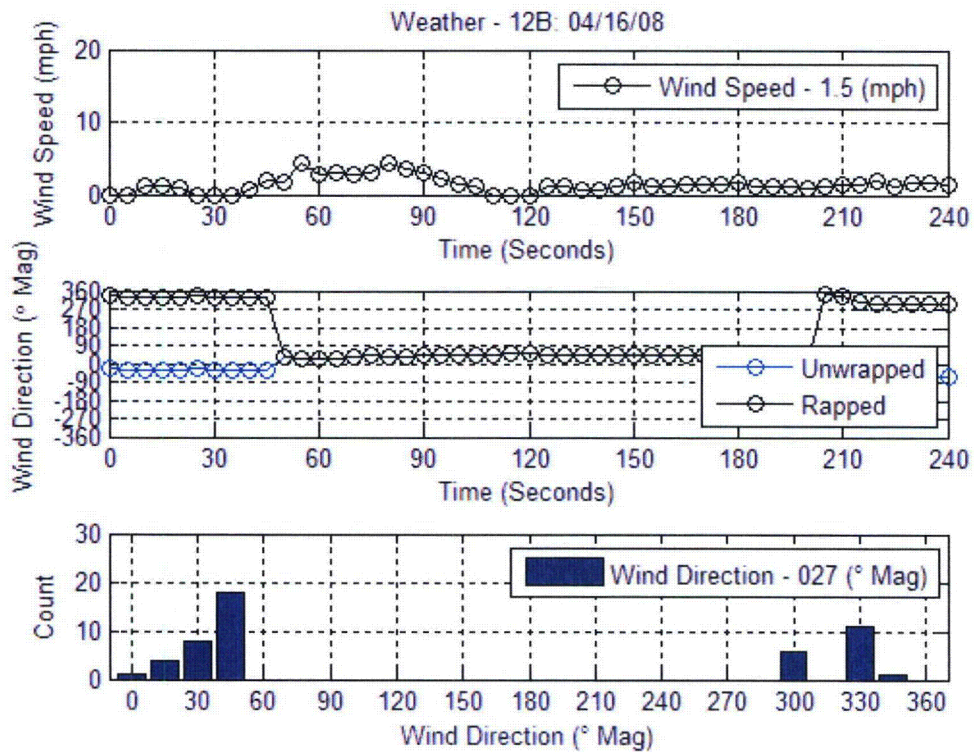
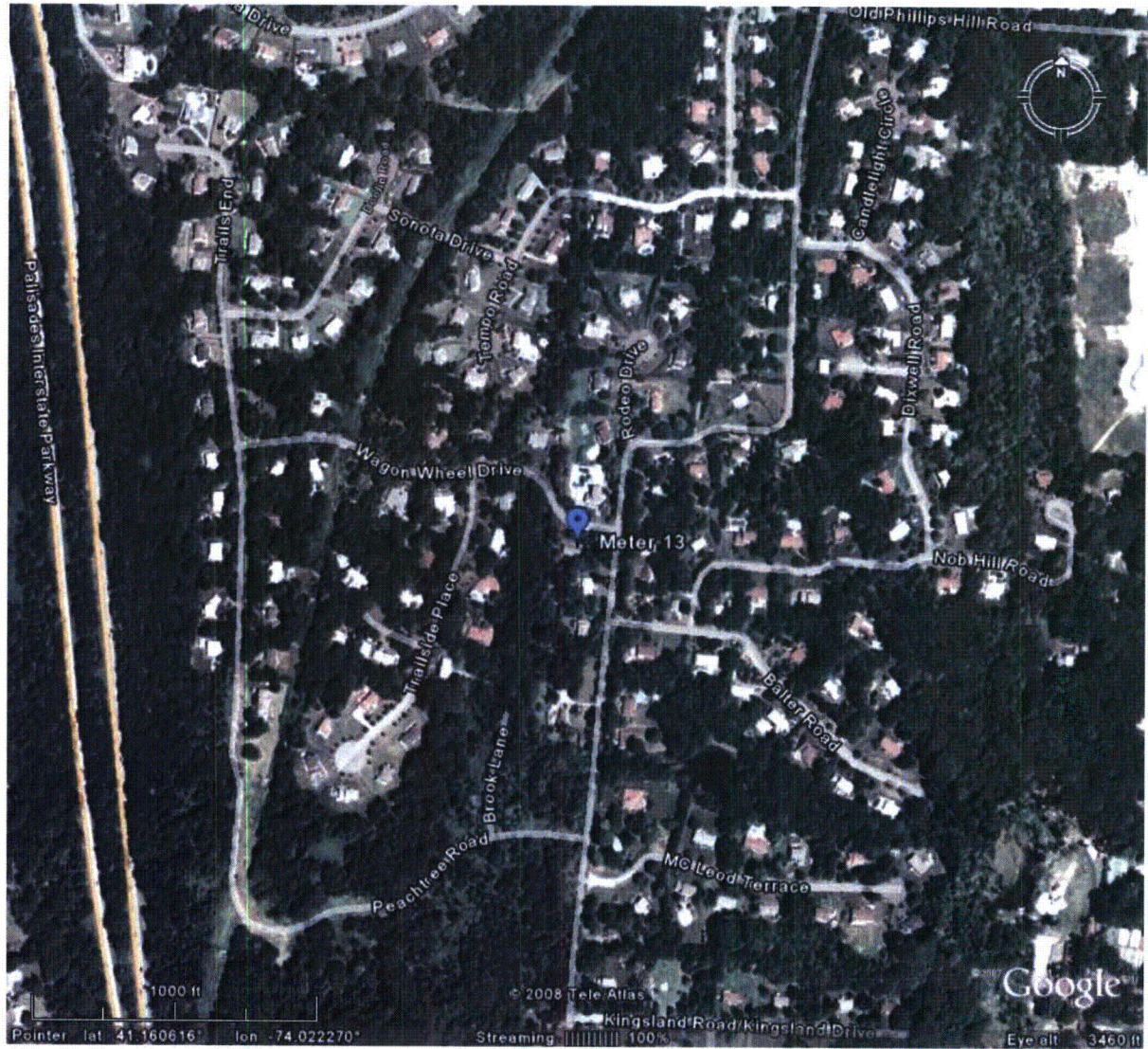


Figure 96. Weather Plots for Meter 12, April 16, 2008



**Meter 13, April 15, 2008**



**Figure 97.** Aerial Photograph of Meter 13 Location, April 15, 2008.



**Indian Point Siren Test Data Sheet**

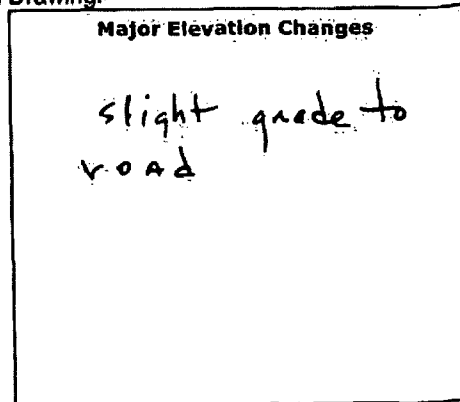
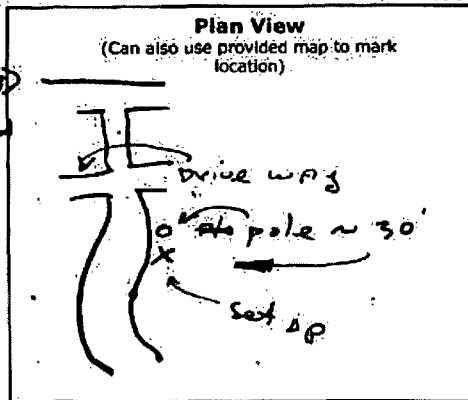
To be filled in by the support staff

Date: 4/15/08 Time: \_\_\_\_\_  
 SLM Model: 831 SLM Serial Number: 1052 / weather 569935  
 Tester's Name: MJ  
 GPS Coordinates: 74° 1' 46.195" West 41° 9' 30" North  
 Checked Battery?  Yes No  
 Checked Clock?  Yes No  
 Memory Checked?  Yes No  
 Calibration level before test: 94.0 dBC  
 30 second calibration tone recorded before test?  Yes No  
 Calibration level after test: 94.0 dBC  
 30 second calibration tone recorded after test?  Yes No  
 Calibrator Model: 4231 Calibrator SN: 2575552

DOWNLOADED  
 SLM ✓ / WEATHER

To be filled in by the field crew at the site

Location Drawing:



- Notes (10:15)
- 0:55 DB background
  - 1:09 car passed 65 DB
  - 1:21 car 64 DB
  - 1:23 car 62 DB
  - 1:25 car 60 DB
  - 1:25 car 60 DB
  - 1:27 car 70 DB
  - 1:28 car 63 DB
  - 1:29 car 62 DB
  - 1:30 car 64 DB
  - 1:30 car 65 DB

Measurement Location description: #13 on wagon wheel Drive - cars passing  
 Microphone height: 5 ft. Wind Dir: 8 deg.  
 Photos Taken?  Yes No Wind Spd: 2 mph  
 Meter Recording?  Yes No Temp: 51 °F  
 Weather Station on and wind cover removed?  Yes No  
 Ambient noise level before test: 57 dBC  
 Maximum level observed during the test: 71.9 dBC  
 Could you hear the sirens?  Yes No  
 Ambient noise level after test: 56 dBC  
 Notes about test (including background noise and noise intrusions during the test):

every few minutes

Tester's Signature: [Signature]

-off Blower in Background ~ 1/4 Mile Away

Figure 98. Data Sheet for Meter 13, April 15, 2008

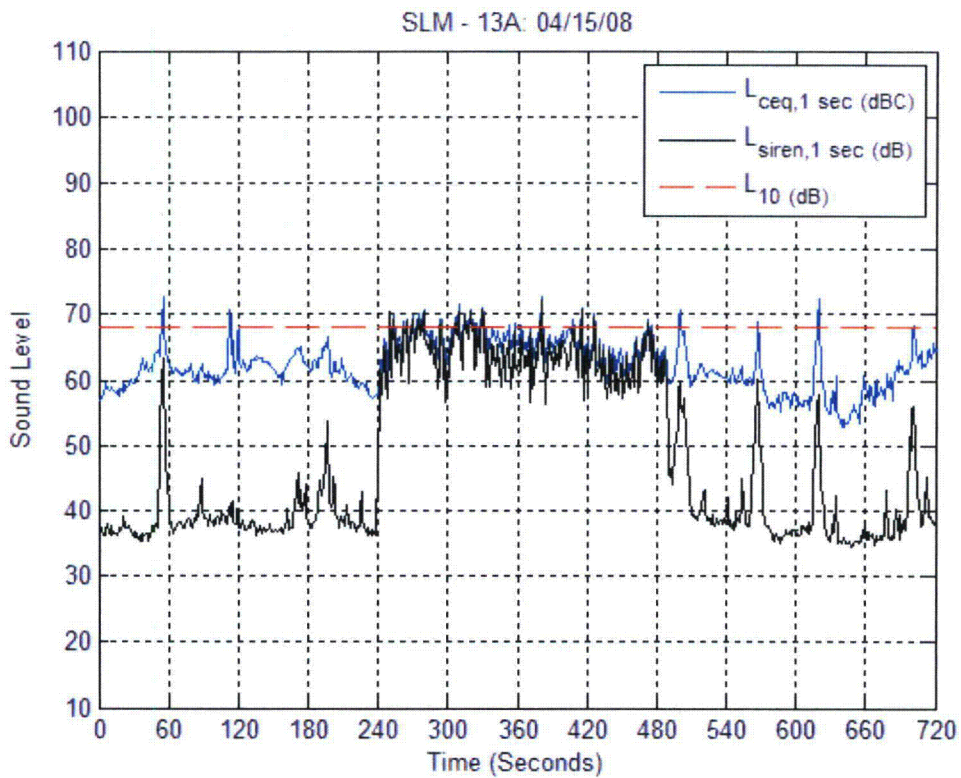


Figure 99. Time History Plot for Meter 13, April 15, 2008

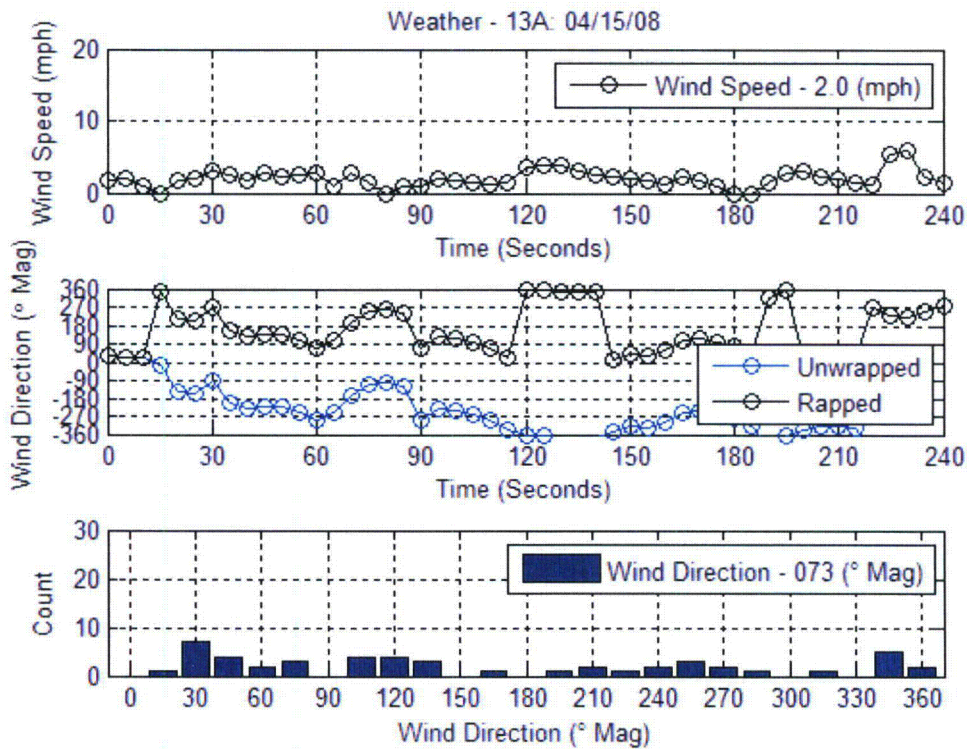


Figure 100. Weather Plots for Meter 13, April 15, 2008



**Meter 13, April 16, 2008**



**Figure 101.** Aerial Photograph of Meter 13 Location, April 16, 2008.

SITE # 13

**Indian Point Siren Test Data Sheet**

-----To be filled in by at the EOF by support staff-----

Date: 4/16/08 Time: 5609Z  
 SLM Model: 831 SLM Serial Number: 1052 WEATHER  
 Tester's Name: M.S. CHARLES CAPATO  
 GPS Coordinates: \_\_\_\_\_ West \_\_\_\_\_ North  
 Checked Battery?  Yes  No 105.3%  
 Checked Clock?  Yes  No  
 Memory Checked?  Yes  No  
 Calibration level before test: 94.0 dBC  
 30 second calibration tone recorded before test?  Yes  No  
 Calibration level after test: 94.0 dBC  
 30 second calibration tone recorded after test?  Yes  No  
 Calibrator Model: B&K 4231 Calibrator SN: 2575552

DOWNLOADED  
 SLM ✓ WEATHER ✓

-----To be filled in by the field crew at the site-----

Location Drawing:

**Plan View**  
(Can also use provided map to mark location)

**Major Elevation Changes**

Slightly elevation Δ

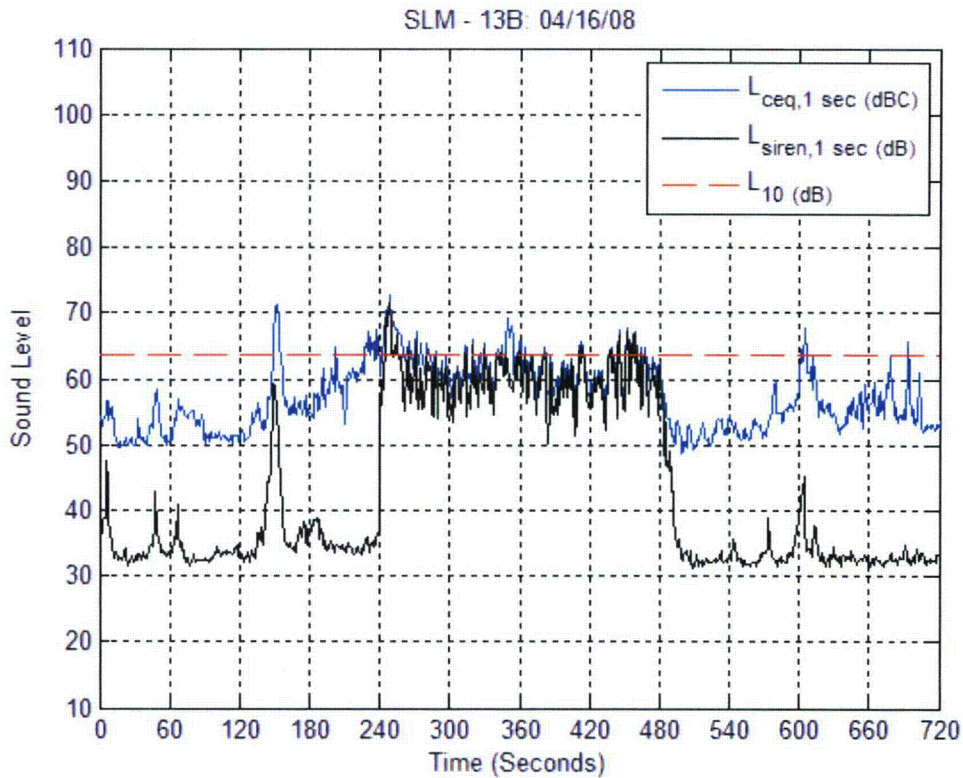
Measurement Location description: Wagon wheel Road, curve of Road.

Microphone height: 5 ft. Wind Dir: 47 deg.  
 Photos Taken?  Yes  No Wind Spd: 3 mph  
 Meter Recording?  Yes  No Temp: 54.1 °F  
 Weather Station on and wind cover removed?  Yes  No  
 Ambient noise level before test: 50-55 dBC  
 Maximum level observed during the test: 72 dBC  
 Could you hear the sirens?  Yes  No  
 Ambient noise level after test: 51 dBC  
 Notes about test (including background noise and noise intrusions during the test):  
 Tester's Signature: Charles Capato

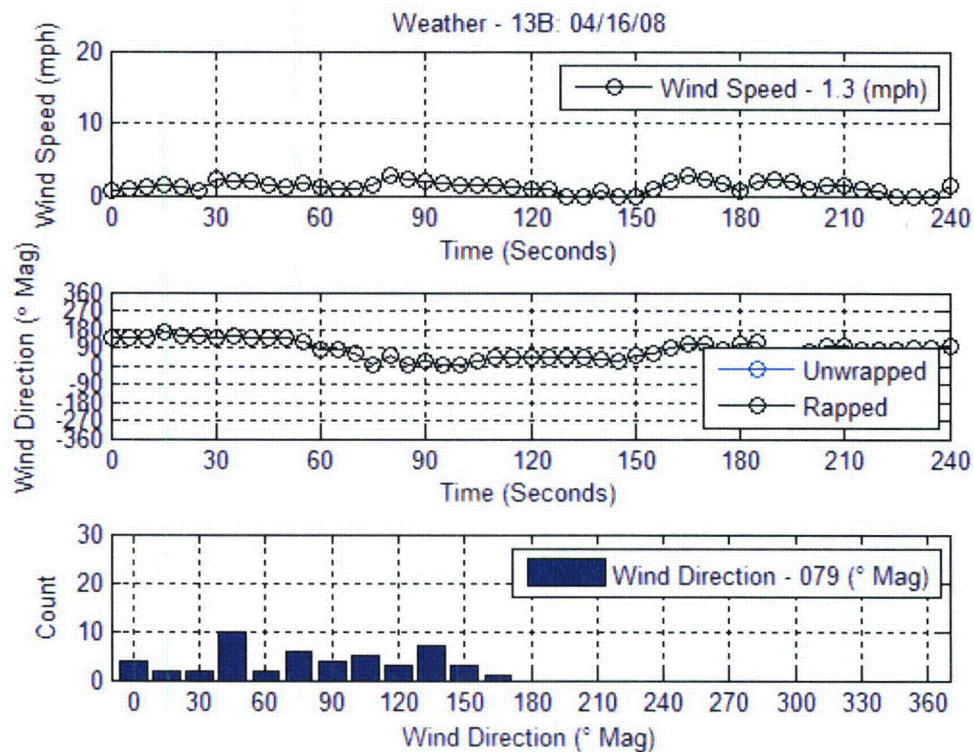
10:35 51dB CAR  
 10:36 66 CAR  
 10:37 57 dB CAR  
 10:39 57 dB CAR  
 10:40 63 dB CAR  
 10:43 63 dB CAR  
 10:44 62 dB CAR  
 10:44 Note OFF 55 dB  
 10:40 67 dB CAR  
 10:40 67 dB CAR  
 10:40 67 dB CAR

Figure 102. Data Sheet for Meter 13, April 16, 2008





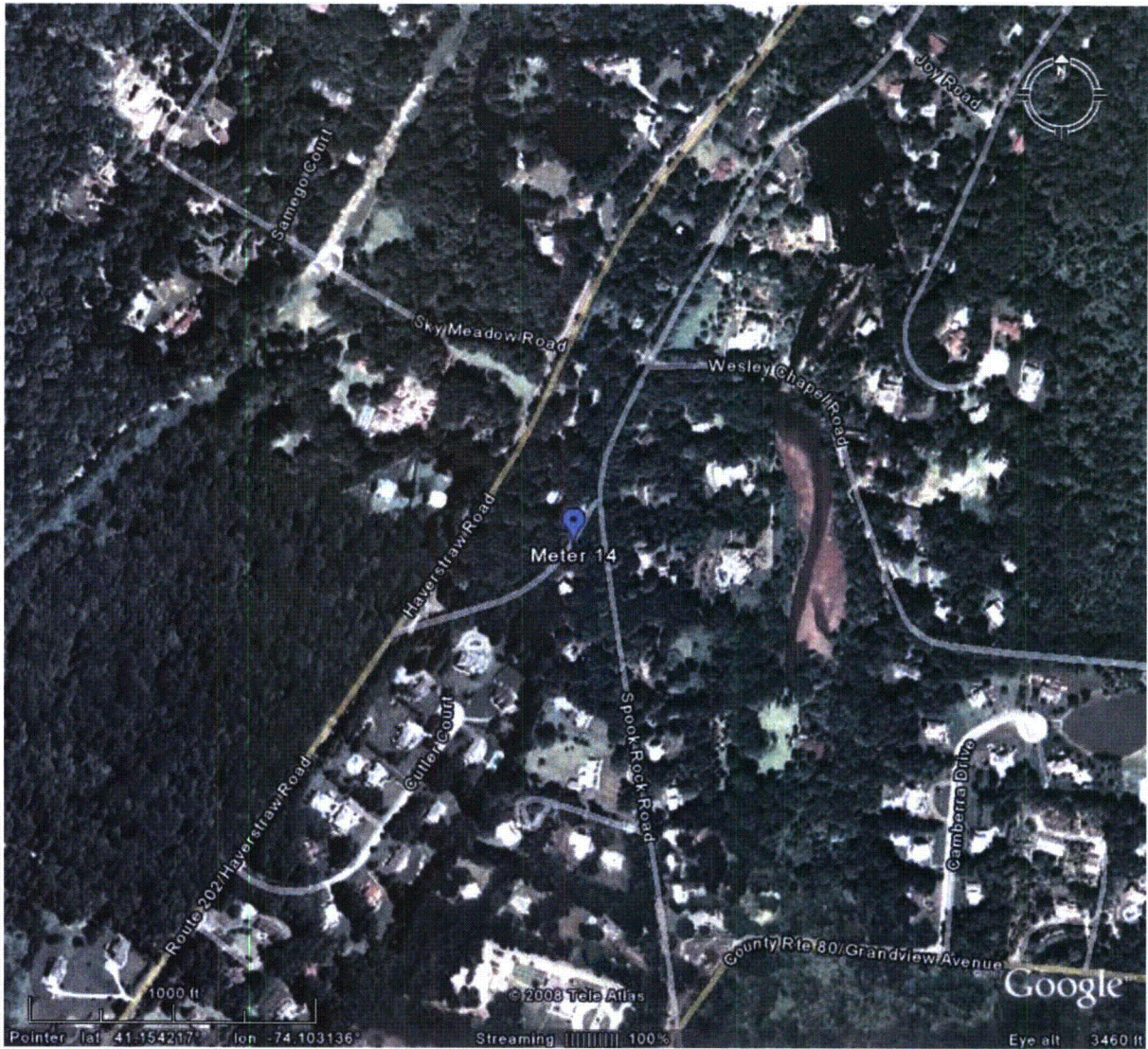
**Figure 103.** Time History Plot for Meter 13, April 16, 2008



**Figure 104.** Weather Plots for Meter 13, April 16, 2008



**Meter 14, April 15, 2008**



**Figure 105.** Aerial Photograph of Meter 14 Location, April 15, 2008.



14

**Indian Point Siren Test Data Sheet**

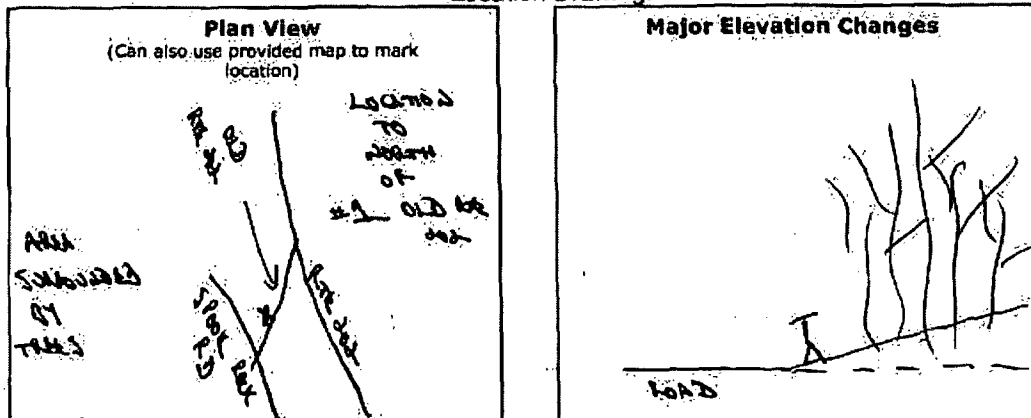
dm  
&  
weather  
down loaded  
BII

To be filled in by support staff

Date: 4/15/08 Time: 7:19  
 SLM Model: 824 SLM Serial Number: 2400 / weather 569897  
 Tester's Name: A. GLOTTAN  
 GPS Coordinates: 74° 6' 3" West 91° 9' 16" North  
 Checked Battery?  Yes No 96%  
 Checked Clock?  Yes No  
 Memory Checked?  Yes No  
 Calibration level before test: 94.0 dBC  
 30 second calibration tone recorded before test?  Yes No  
 Calibration level after test: 94.0 dBC  
 30 second calibration tone recorded after test?  Yes No  
 Calibrator Model: BIA 4231 Calibrator SN: 2592139

To be filled in by the field crew at the site

Location Drawing:



Measurement Location description:

Microphone height: 5 ft. Wind Dir: 140 deg.  
 Photos Taken?  Yes No Wind Spd: 3.8 mph  
 Meter Recording?  Yes No Temp: 49.5 °F  
 Weather Station on and wind cover removed?  Yes No  
 Ambient noise level before test: 60 dBC  
 Maximum level observed during the test: 66 dBC  
 Could you hear the sirens?  Yes No  
 Ambient noise level after test: 58 dBC

Notes about test (including background noise and noise intrusions during the test):

REGULAR TRAFFIC ON Rte 202 - COMMERCIAL VEHICLES →

Tester's Signature: Alex Glottan

Figure 106. Data Sheet for Meter 14, April 15, 2008

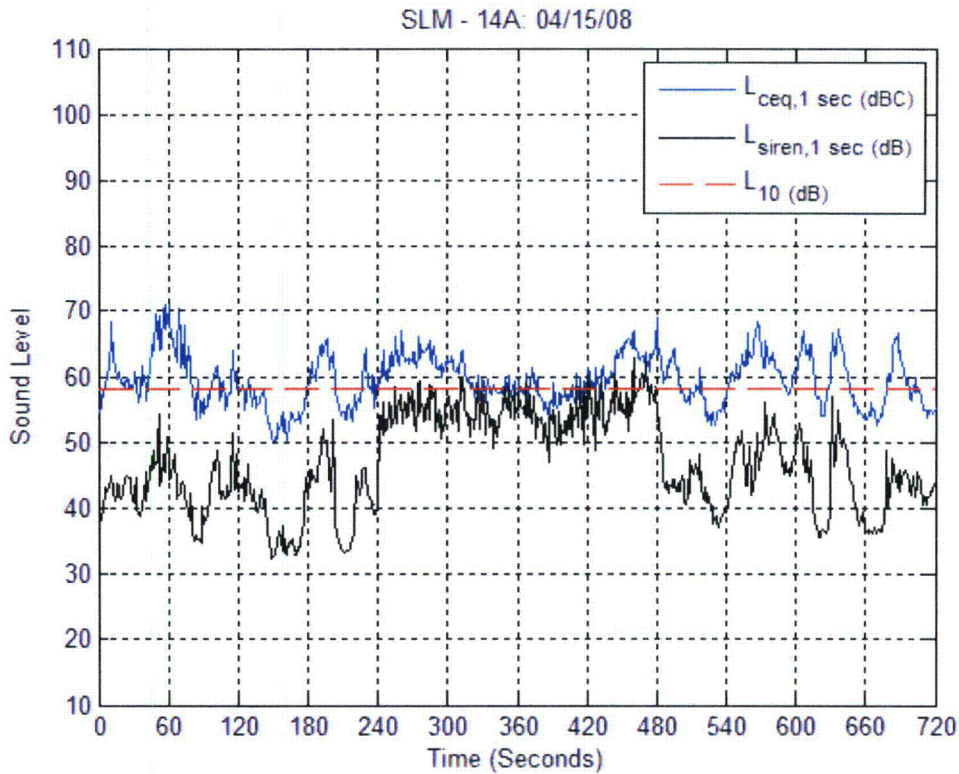


Figure 107. Time History Plot for Meter 14, April 15, 2008

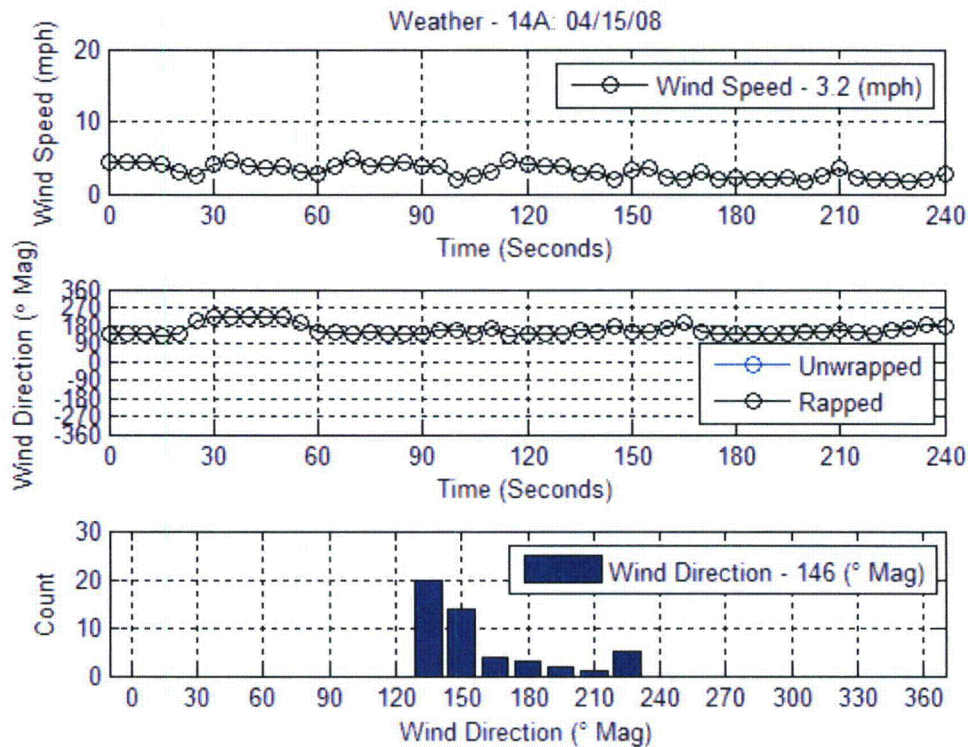
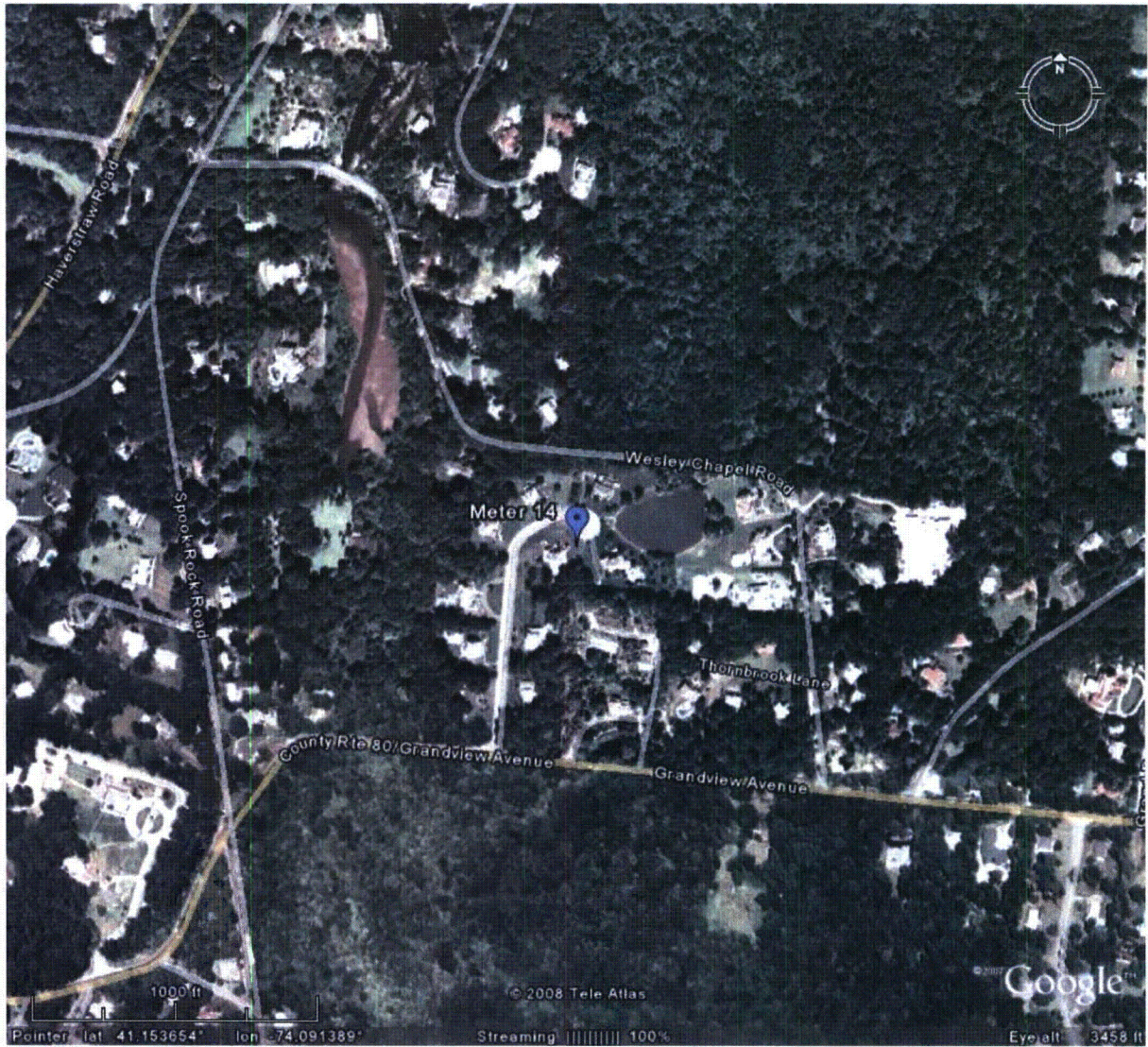


Figure 108. Weather Plots for Meter 14, April 15, 2008



**Meter 14, April 16, 2008**



**Figure 109.** Aerial Photograph of Meter 14 Location, April 16, 2008.



SITE #14

### Indian Point Siren Test Data Sheet

-----To be filled in by the support staff-----

Date: 4/16/08 Time: \_\_\_\_\_

SLM Model: SLM 824 SLM Serial Number: 2800 WEATHER

Tester's Name: MS / A. GOSJEAN 569897

GPS Coordinates: \_\_\_\_\_ West \_\_\_\_\_ North

Checked Battery?  Yes  No

Checked Clock?  Yes  No

Memory Checked?  Yes  No

Calibration level before test: 94.0 dBC

30 second calibration tone recorded before test?  Yes  No

Calibration level after test: 94.0 dBC

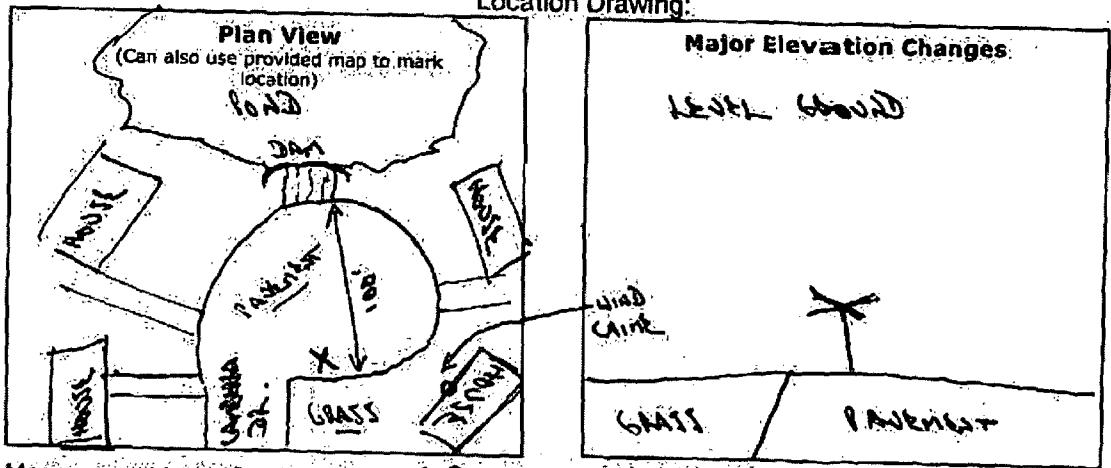
30 second calibration tone recorded after test?  Yes  No

Calibrator Model: BLK 4231 Calibrator SN: 2592139

DOWNLOADED  
 SLM WEATHER ✓

-----To be filled in by the field crew at the site-----

#### Location Drawing:



Measurement Location description: END OF CAMBERA DR.

Microphone height: 5 ft.

Photos Taken?  Yes  No

Meter Recording?  Yes  No

Weather Station on and wind cover removed?  Yes  No

Ambient noise level before test: 52 dBC

Maximum level observed during the test: 66 dBC

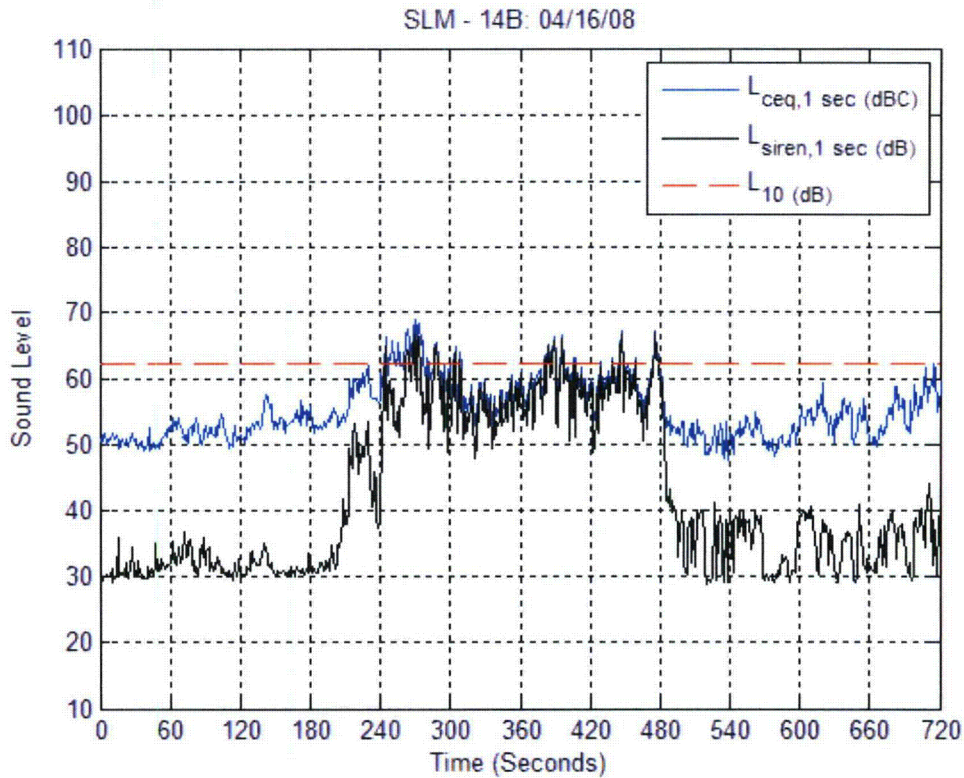
Could you hear the sirens?  Yes  No @ 10:30

Ambient noise level after test: 51 dBC

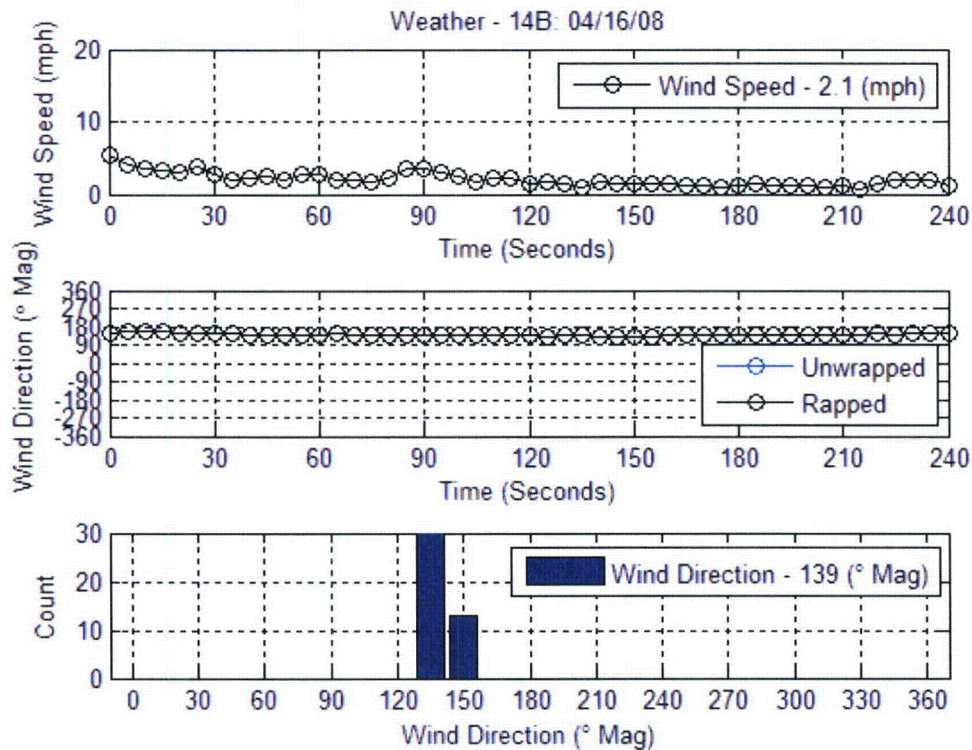
Wind Dir: 140 deg.  
 Wind Spd: 1.3 mph  
 Temp: 57.8 °F

Notes about test (including background noise and noise intrusions during the test):  
INTERMITTENT WIND CHIME - INTERMITTENT POWER SAW IN DISTANCE  
NO TRAFFIC  
 Tester's Signature: [Signature] 6/10/08

Figure 110. Data Sheet for Meter 14, April 16, 2008



**Figure 111.** Time History Plot for Meter 14, April 16, 2008



**Figure 112.** Weather Plots for Meter 14, April 16, 2008



**Meter 15, April 15, 2008**



**Figure 113.** Aerial Photograph of Meter 15 Location, April 15, 2008.

15

**Indian Point Siren Test Data Sheet**

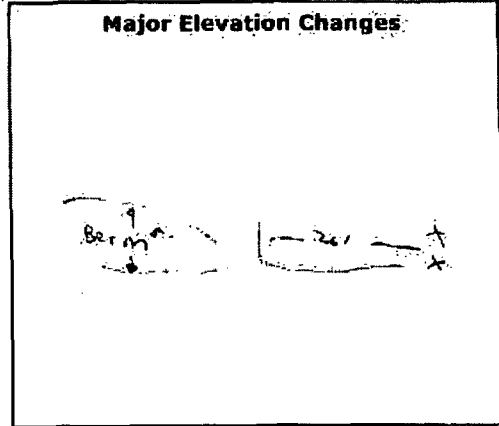
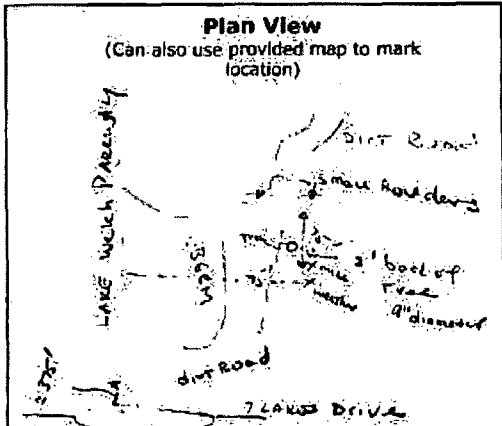
To be filled in by the support staff

Date: 4/15/08 Time: \_\_\_\_\_  
 SLM Model: 831 SLM Serial Number: 0001307 / Weather  
 Tester's Name: MSJ 570064  
 GPS Coordinates: 74° 7' 15" West 41° 18' 45" North  
 Checked Battery?  Yes No  
 Checked Clock?  Yes No  
 Memory Checked?  Yes No  
 Calibration level before test: 94.0 dBC  
 30 second calibration tone recorded before test?  Yes No  
 Calibration level after test: 93.9 dBC  
 30 second calibration tone recorded after test?  Yes No  
 Calibrator Model: B+K 4231 Calibrator SN: 2575552

DOWNLOADED  
 SLM / WEATHER ✓

To be filled in by the field crew at the site

**Location Drawing:**

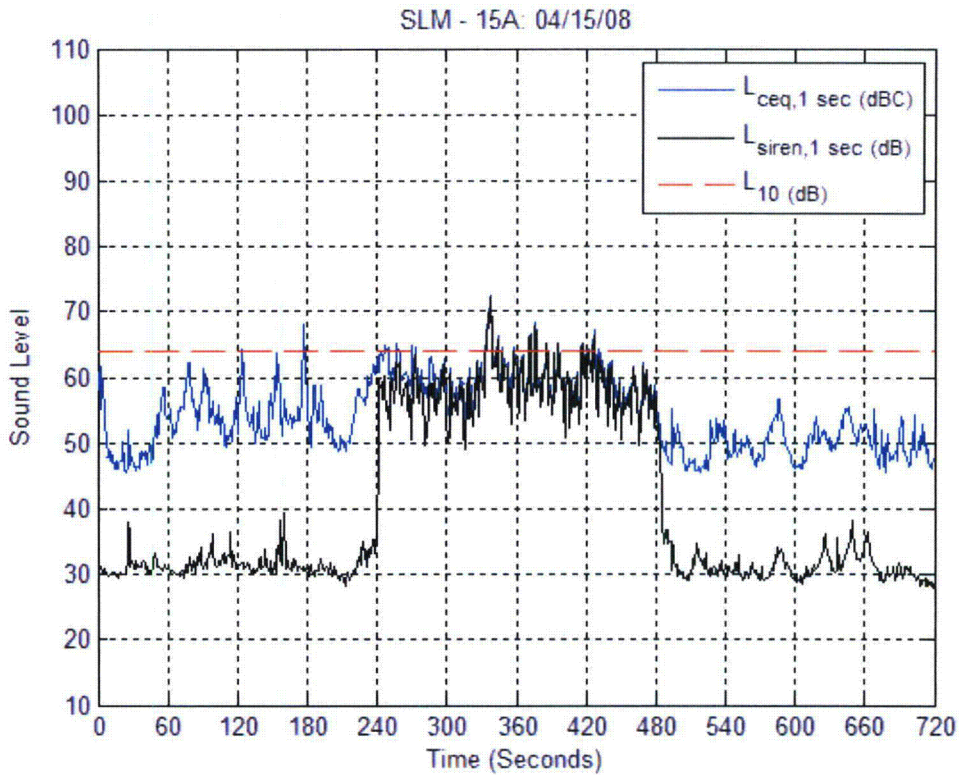


Measurement Location description:  
 Microphone height: 5 ft. Wind Dir: 7° N deg.  
 Photos Taken?  Yes No Wind Spd: 1 mph  
 Meter Recording?  Yes No Temp: 50 °F  
 Weather Station on and wind cover removed?  Yes No  
 Ambient noise level before test: 47.1 dBC  
 Maximum level observed during the test: 72 dBC  
 Could you hear the sirens?  Yes No  
 Ambient noise level after test: 53.6 dBC  
 Notes about test (including background noise and noise intrusions during the test):

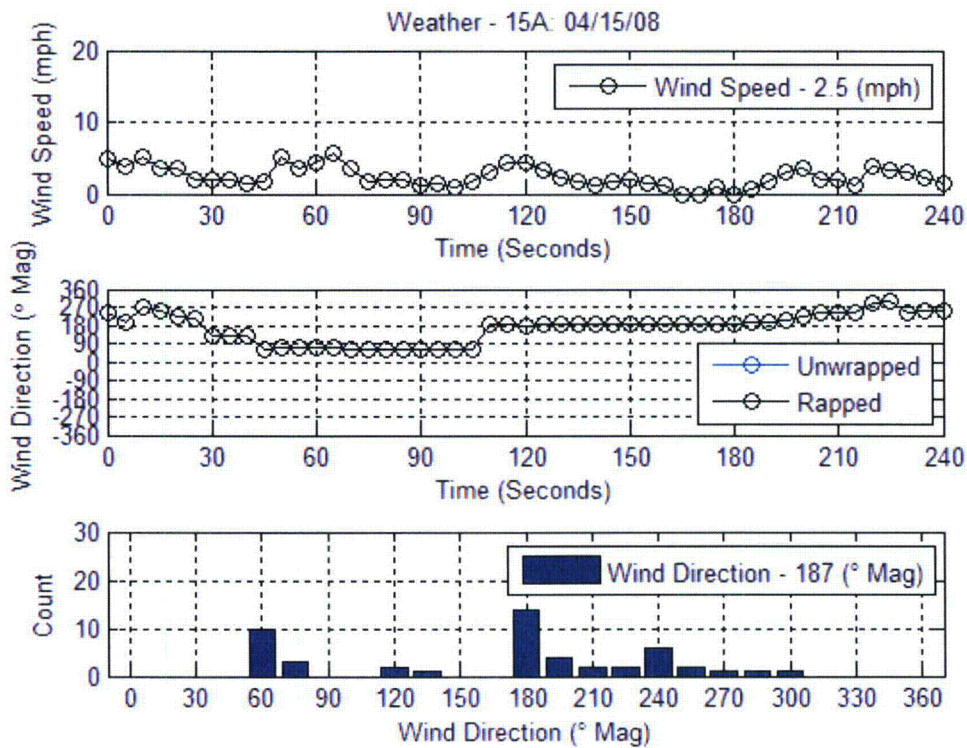
Tester's Signature: Schattner Zulle 4/15/08

Figure 114. Data Sheet for Meter 15, April 15, 2008





**Figure 115.** Time History Plot for Meter 15, April 15, 2008



**Figure 116.** Weather Plots for Meter 15, April 15, 2008



**Meter 15, April 16, 2008**



**Figure 117.** Aerial Photograph of Meter 15 Location, April 16, 2008.



SITE #15

### Indian Point Siren Test Data Sheet

-----To be filled in by the EOF by support staff-----

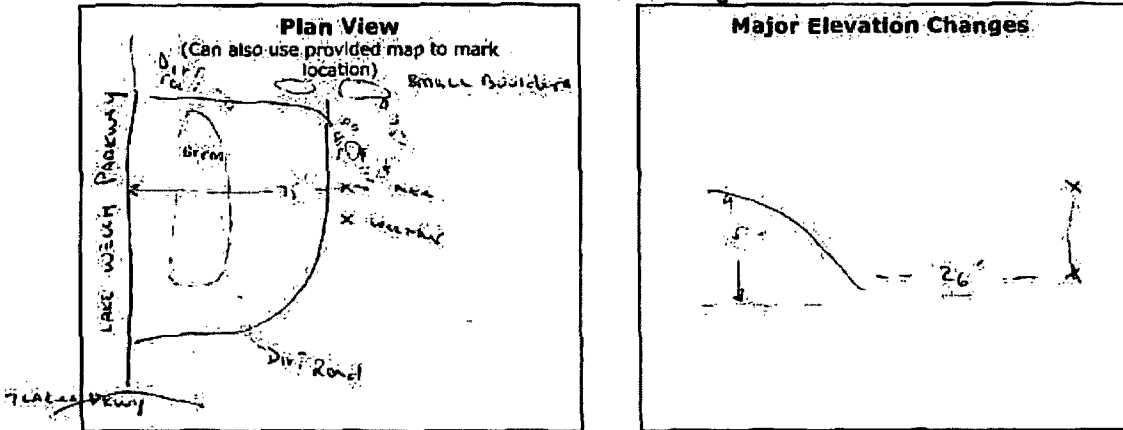
Date: 4/16/08 Time: 570064  
 SLM Model: ~~831~~ 831 SLM Serial Number: 1307 WEATHER  
 Tester's Name: MJ1

GPS Coordinates: \_\_\_\_\_ West \_\_\_\_\_ North  
 Checked Battery?  Yes  No 5.3V  
 Checked Clock?  Yes  No  
 Memory Checked?  Yes  No  
 Calibration level before test: 94.0 dBC  
 30 second calibration tone recorded before test?  Yes  No  
 Calibration level after test: 94.0 dBC  
 30 second calibration tone recorded after test?  Yes  No  
 Calibrator Model: BTK 4231 Calibrator SN: 2575552

DOWNLOADED  
 SLM ✓ WEATHER ✓

-----To be filled in by the field crew at the site-----

#### Location Drawing:



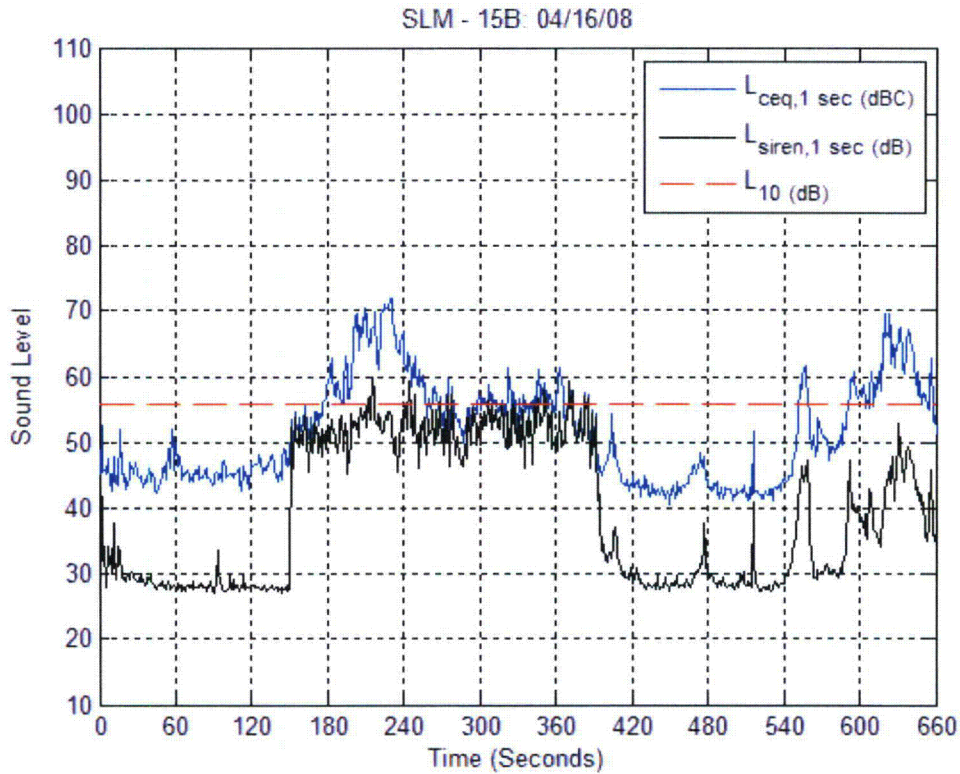
Measurement Location description: Lake Welch Parkway = 375' from 7 Lakes Parkway

Microphone height: 5 ft. Wind Dir: 103 ESE deg.  
 Photos Taken?  Yes  No Wind Spd: 0 mph  
 Meter Recording?  Yes  No Temp: 58.1 °F  
 Weather Station on and wind cover removed?  Yes  No  
 Ambient noise level before test: 45 dBC  
 Maximum level observed during the test: 72 dBC  
 Could you hear the sirens?  Yes  No  
 Ambient noise level after test: 43 dBC

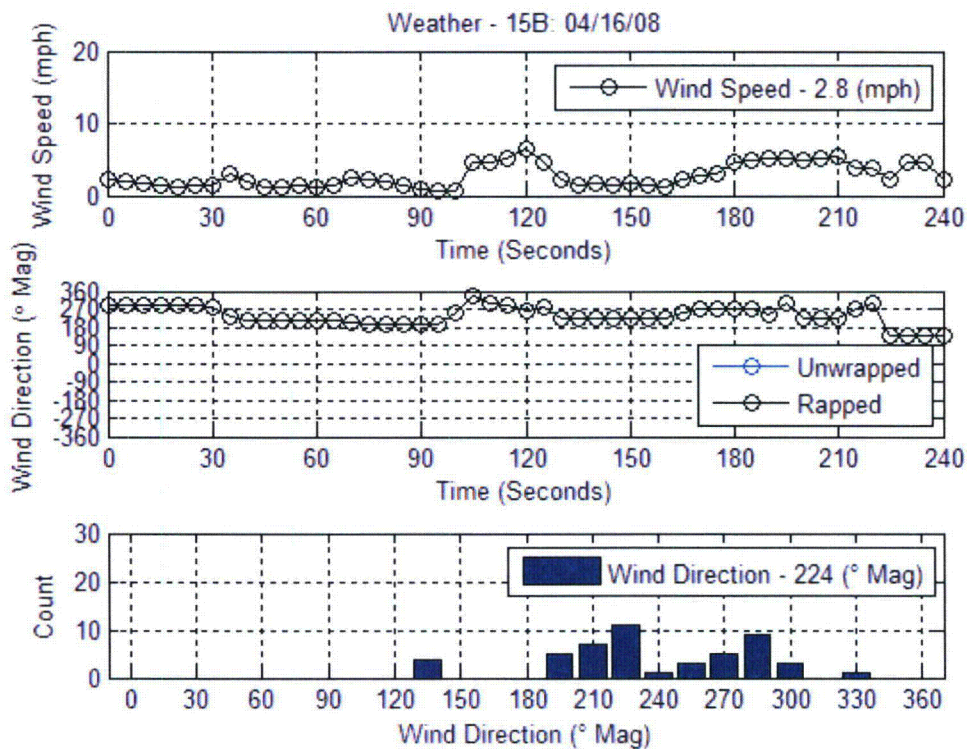
Notes about test (including background noise and noise intrusions during the test):  
Plane overhead @ 13 min from when sound meter turned on. Another @ 19 min.

Tester's Signature: [Signature] 4/16/2008

**Figure 118.** Data Sheet for Meter 16, April 16, 2008



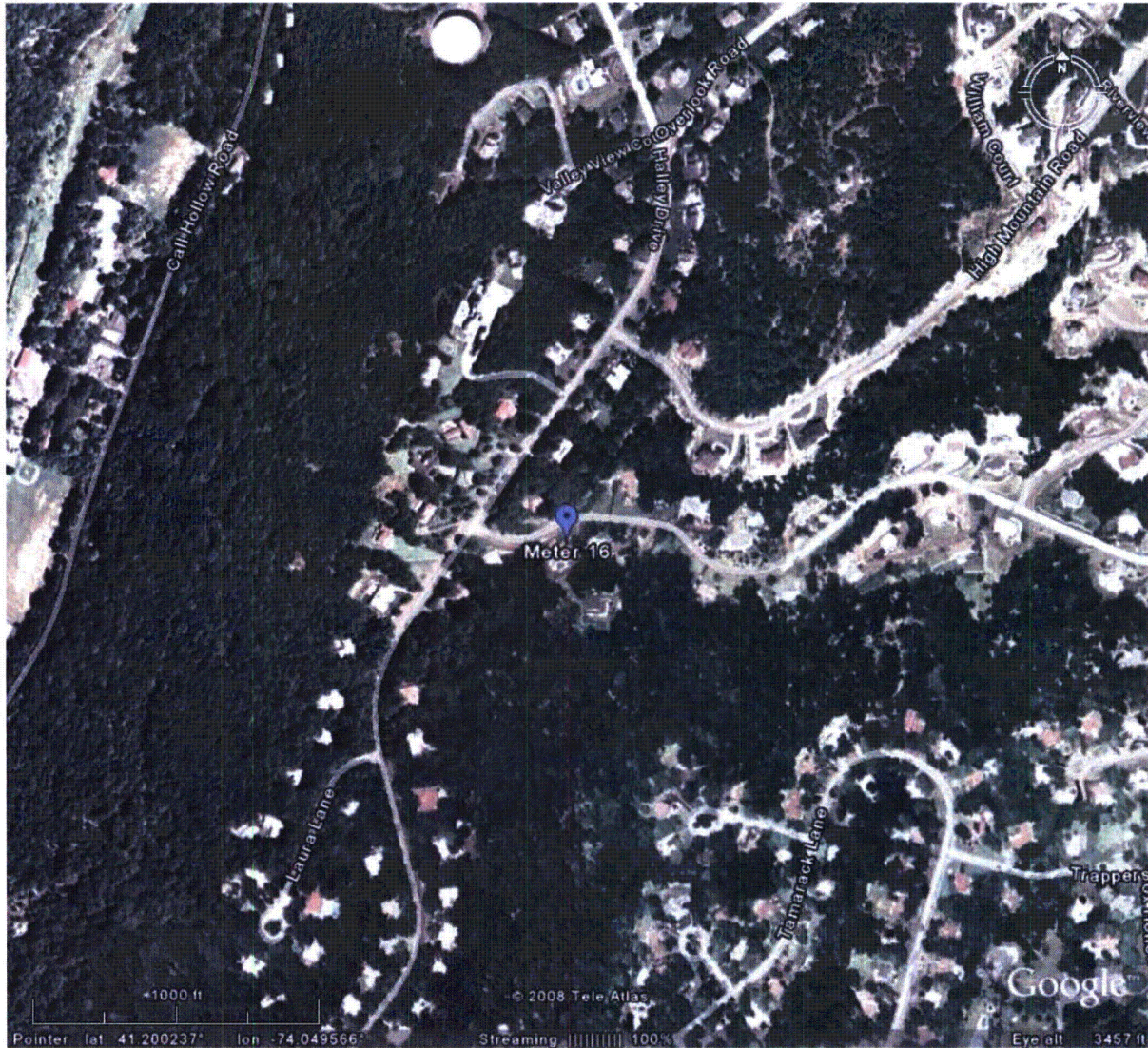
**Figure 119.** Time History Plot for Meter 15, April 16, 2008



**Figure 120.** Weather Plots for Meter 15, April 16, 2008



**Meter 16, April 15, 2008**



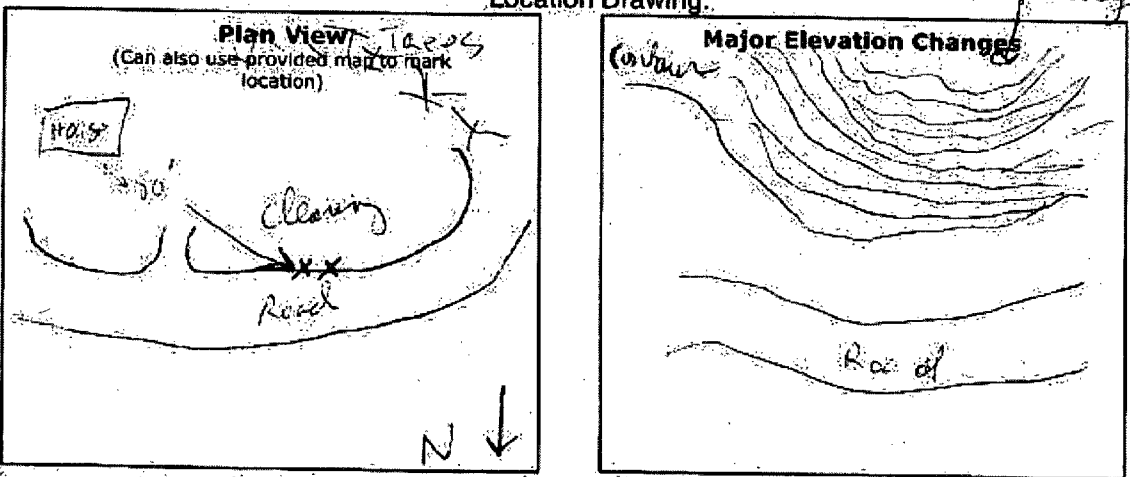
**Figure 121.** Aerial Photograph of Meter 16 Location, April 15, 2008.

SITE 16

**Indian Point Siren Test Data Sheet**

-----To be filled in by the support staff-----  
 Date: 4/15/08 Time: \_\_\_\_\_  
 SLM Model: 831 SLM Serial Number: 1351 / weather 570065  
 Tester's Name: MS  
 GPS Coordinates: 74° 3' 0" West 11° 12' 4" North  
 Checked Battery?  Yes No  
 Checked Clock?  Yes No  
 Memory Checked?  Yes No  
 Calibration level before test: 94.0 dBC  
 30 second calibration tone recorded before test?  Yes No  
 Calibration level after test: 93.6 dBC  
 30 second calibration tone recorded after test?  Yes No  
 Calibrator Model: B&K 4231 Calibrator SN: 2575552

DOWNLOADED  
 SLM ✓ WEATHER ✓

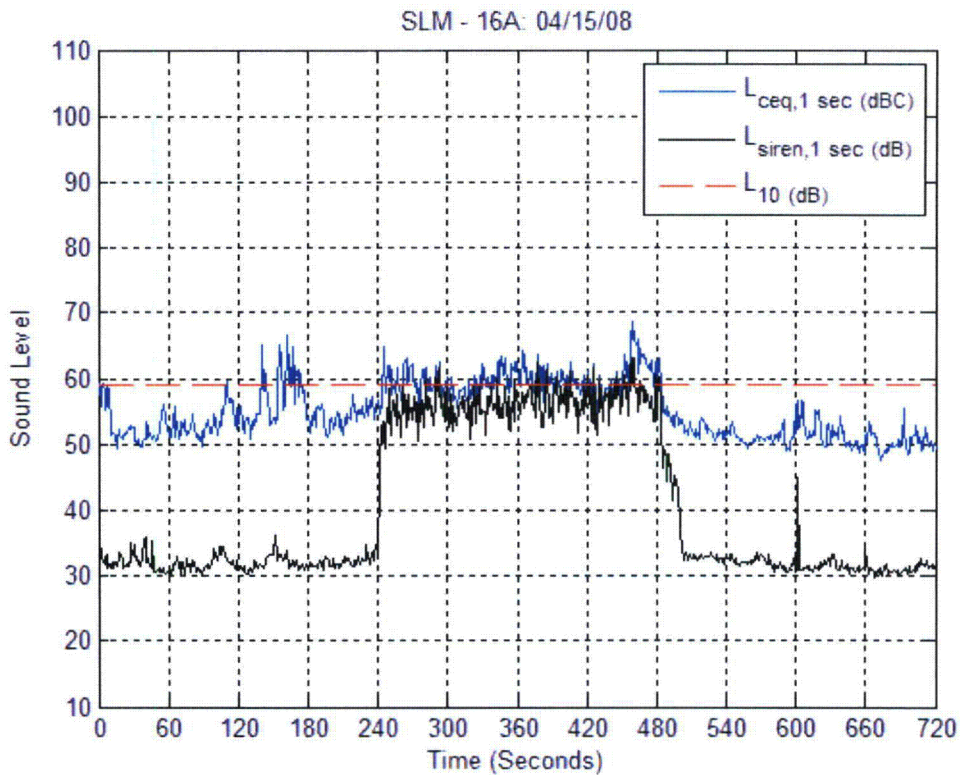
-----To be filled in by the field crew at the site-----  
 Location Drawing:  
  
 The 'Plan View' diagram shows a road curving to the right, with a 'clearing' area and 'trees' indicated. A north arrow points down. The 'Major Elevation Changes' diagram shows contour lines representing a slope, with a road at the bottom and a 'steep gully' at the top.

Measurement Location description: side of road  
 Microphone height: 5 ft.  
 Photos Taken?  Yes No  
 Meter Recording?  Yes No  
 Weather Station on and wind cover removed?  Yes No  
 Ambient noise level before test: 50 dBC  
 Maximum level observed during the test: 62 dBC  
 Could you hear the sirens?  Yes No  
 Ambient noise level after test: 51 dBC  
 Notes about test (including background noise and noise intrusions during the test):  
Birds only, none @ 10:21 AM, can @ 10:24, 10:27 airplane

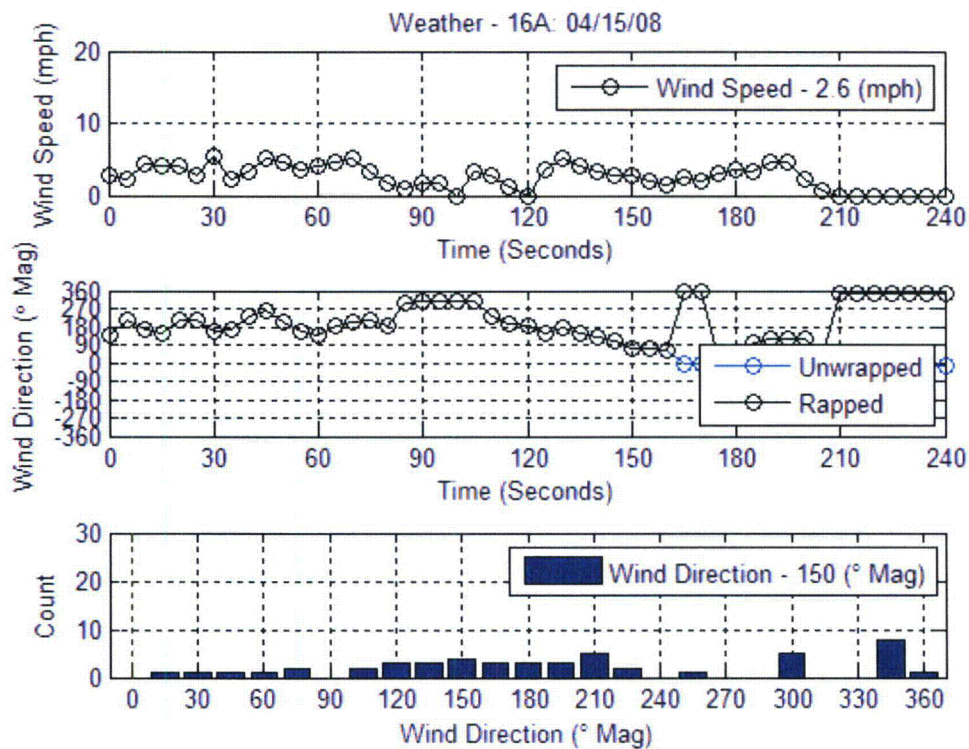
Tester's Signature: Walter S. Meyers

Figure 122. Data Sheet for Meter 16, April 15, 2008





**Figure 123.** Time History Plot for Meter 16, April 15, 2008



**Figure 124.** Weather Plots for Meter 16, April 15, 2008



**Meter 16, April 16, 2008**



**Figure 125.** Aerial Photograph of Meter 16 Location, April 16, 2008.



Warren Meyers

Indian Point Siren Test Data Sheet

SITE # 16

To be filled in by the support staff

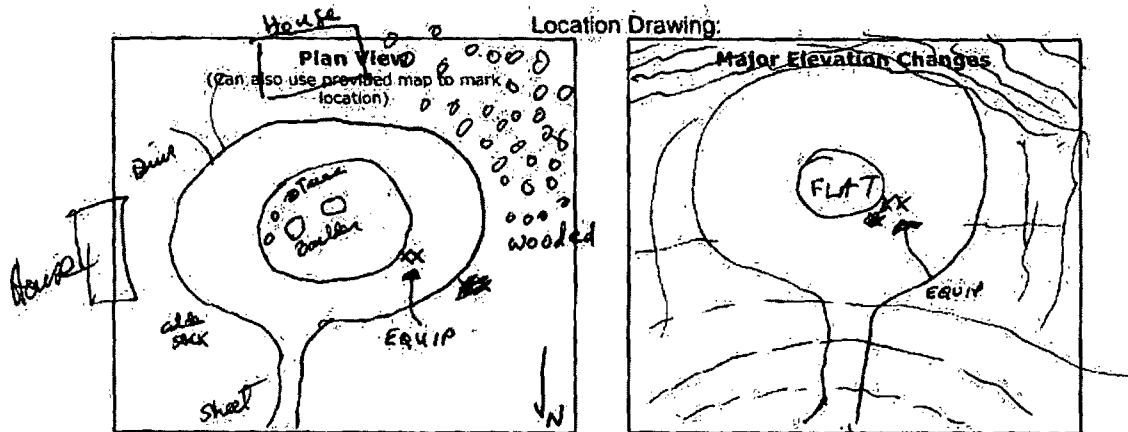
Date: 4/16/08 Time: \_\_\_\_\_  
 SLM Model: 831 SLM Serial Number: 1351 S70065 ✓  
 Tester's Name: MSX WEATHER ✓

GPS Coordinates: \_\_\_\_\_ West \_\_\_\_\_ North

Checked Battery?  Yes  No 105.2%  
 Checked Clock?  Yes  No  
 Memory Checked?  Yes  No  
 Calibration level before test: 94.0 dBC  
 30 second calibration tone recorded before test?  Yes  No  
 Calibration level after test: 94.7 dBC  
 30 second calibration tone recorded after test?  Yes  No  
 Calibrator Model: B&K 4231 Calibrator SN: 2575552

DOWNLOADED  
 SLM ✓ WEATHER ✓

To be filled in by the field crew at the site



Measurement Location description: cul de sac

Microphone height: 5' ft. Wind Dir: 143 deg.  
 Photos Taken?  Yes  No Wind Spd: 2.0 mph  
 Meter Recording?  Yes  No Temp: 57.7 °F  
 Weather Station on and wind cover removed?  Yes  No  
 Ambient noise level before test: 50 dB dBC  
 Maximum level observed during the test: 63 dB dBC (lowest is 56 dB)  
 Could you hear the sirens?  Yes  No  
 Ambient noise level after test: 50 dB dBC

Notes about test (including background noise and noise intrusions during the test):  
 Birds, slight breeze, ambient sound from site, siren siren, siren siren, siren siren

10:29.5 light plane overhead.  
 up at 10:30

Tester's Signature: Warren Meyers

Siren starts @ 10:30 and goes on until 10:31 and 10:32 Chopper siren. Siren 10:32 Chopper siren.  
 (90dB) Siren @ 60dB  
 & others siren @ 10:39.5, 5 cycles (repeated) @ 10:40-10:42

Figure 126. Data Sheet for Meter 16, April 16, 2008

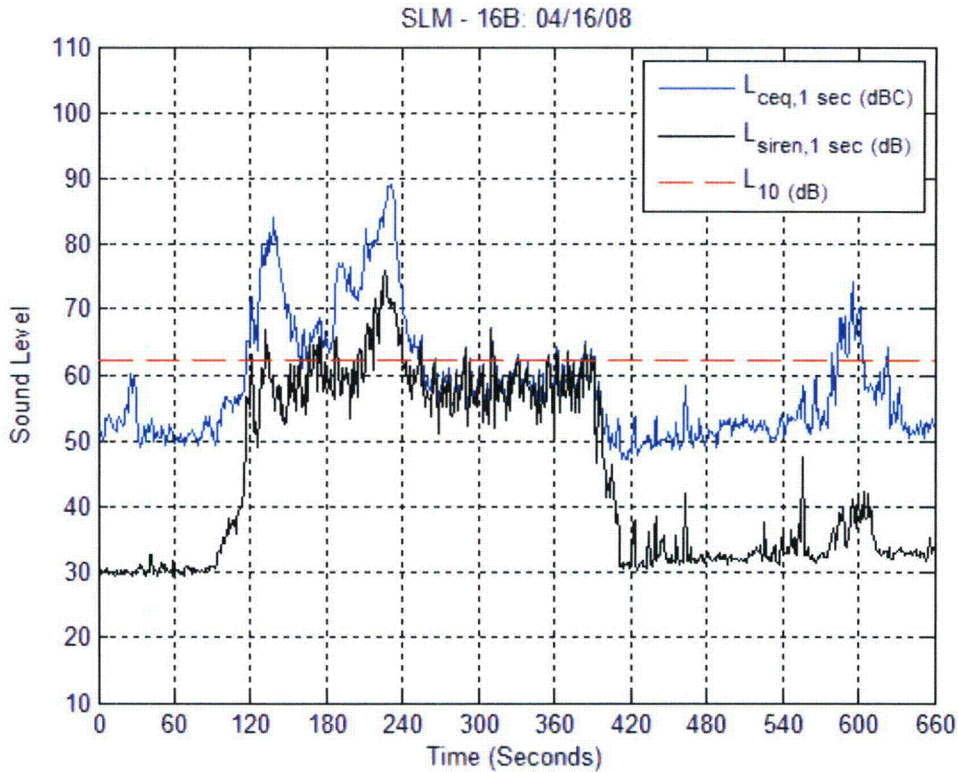


Figure 127. Time History Plot for Meter 16, April 16, 2008

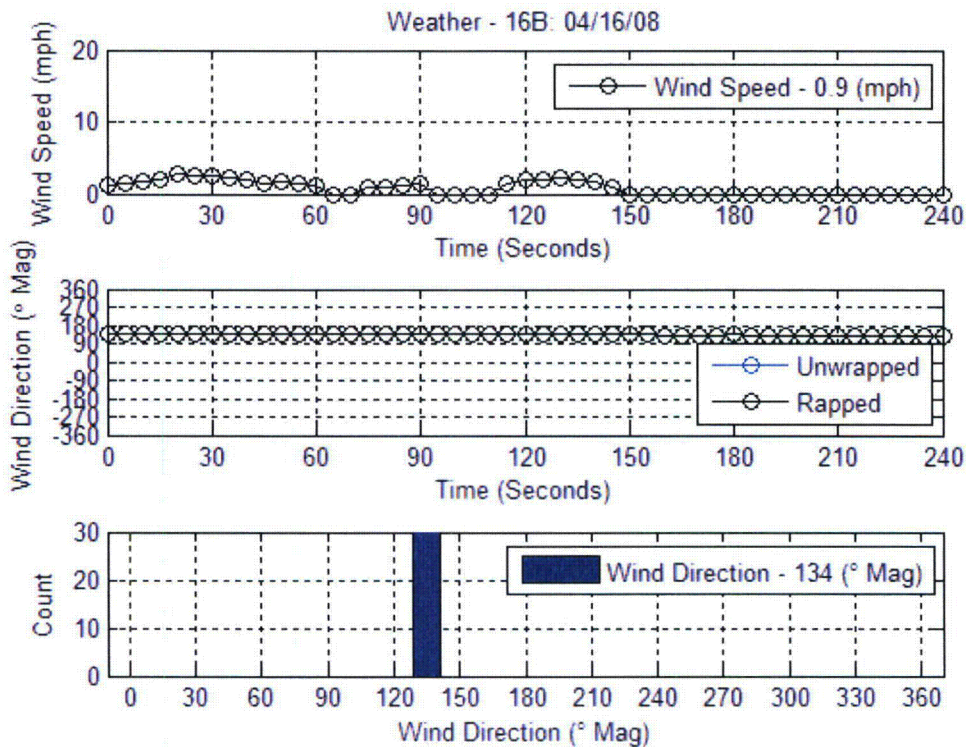
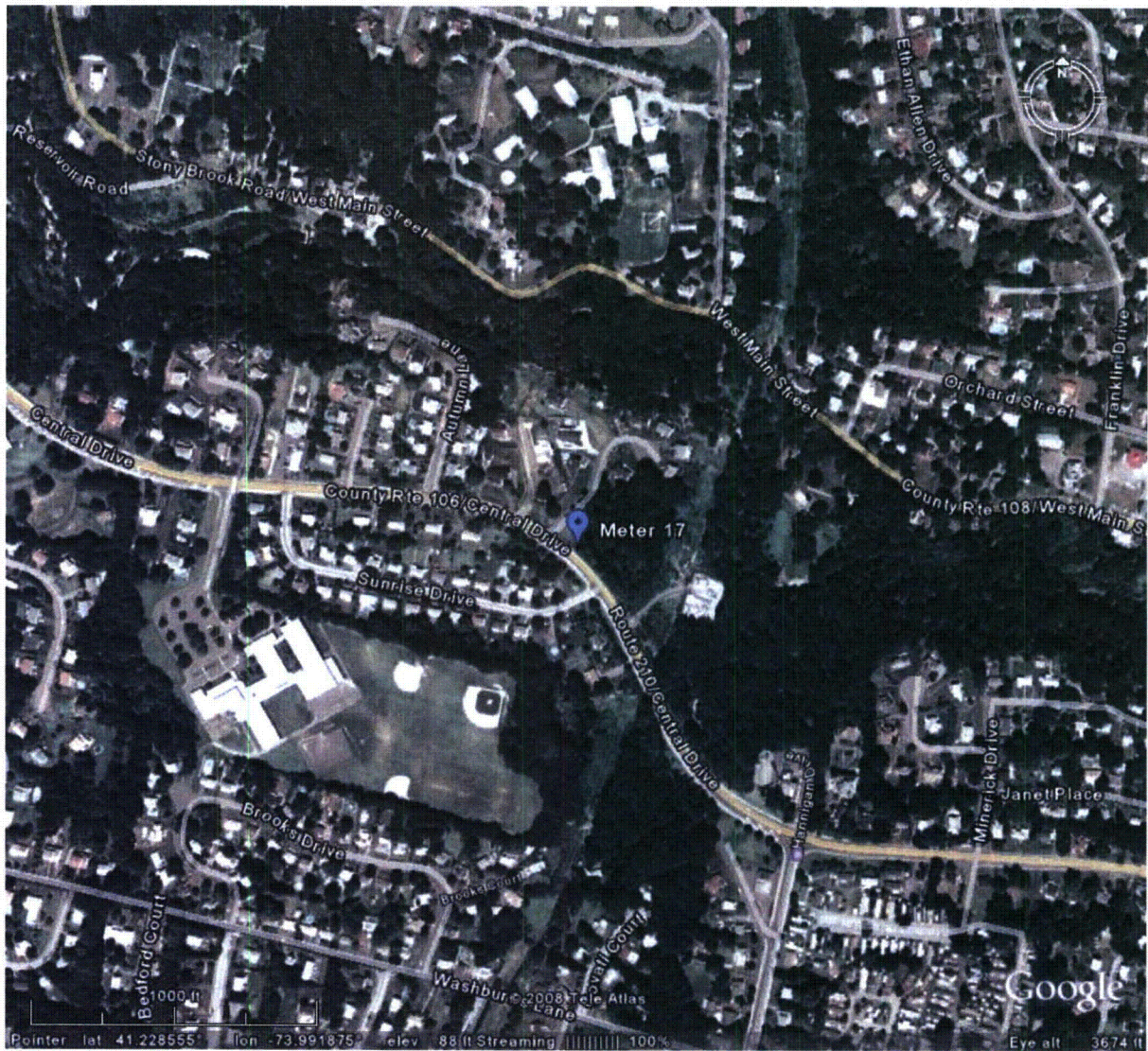


Figure 128. Weather Plots for Meter 16, April 16, 2008



**Meter 17, April 15, 2008**



**Figure 129.** Aerial Photograph of Meter 17 Location, April 15, 2008.

Down loaded  
 slm & weather  
 BJT

METER SITE #17

924

Indian Point Siren Test Data Sheet

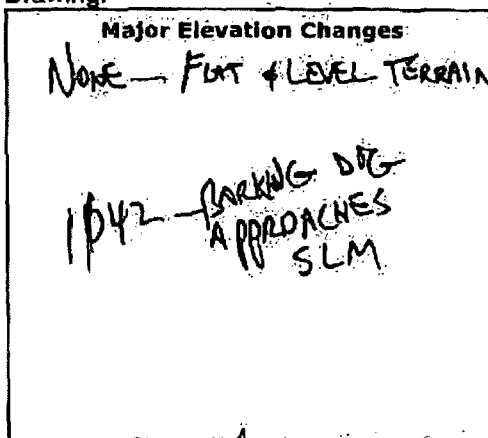
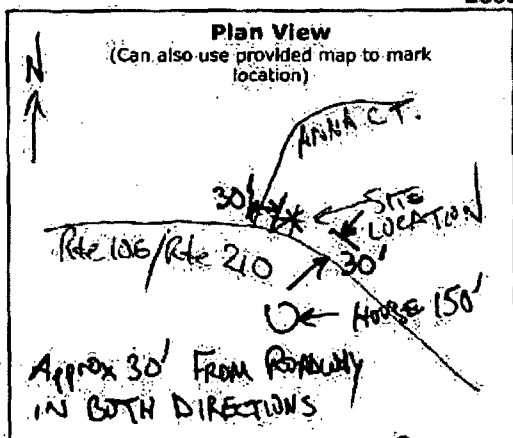
To be filled in by the EOP by support staff

Date: 4/15/08 Time: 7:00 am  
 SLM Model: 824 SLM Serial Number: 3394/Weather 570056  
 Tester's Name: CARL GIACOMAZZO  
 GPS Coordinates: 73° 59' 45" West 41° 13' 47" North  
 Checked Battery?  Yes No 101  
 Checked Clock?  Yes No  
 Memory Checked?  Yes No  
 Calibration level before test: 94.0 dBC  
 30 second calibration tone recorded before test?  Yes No  
 Calibration level after test: 93.9 dBC  
 30 second calibration tone recorded after test?  Yes No  
 Calibrator Model: BAK 4231 Calibrator SN: 2592139

17

To be filled in by the field crew at the site

Location Drawing:



Measurement Location description: ROCKLAND COUNTY RTE 106 & ANNA COURT  
 Microphone height: 5'-6" ft. Wind Dir: 36° deg.  
 Photos Taken?  Yes No Wind Spd: 6.2 mph  
 Meter Recording?  Yes No (101) Temp: 49.1 °F  
 Weather Station on and wind cover removed?  Yes No  
 Ambient noise level before test: 55 dBC WITH NO PASSING VEHICLES  
 Maximum level observed during the test: 78 dBC ← WITH BACKGROUND NOISE (TRAFFIC)  
 Could you hear the sirens?  Yes No  
 Ambient noise level after test: 56 dBC WITH NO PASSING VEHICLES  
 Notes about test (including background noise and noise intrusions during the test):

Tester's Signature: Carl Giacomazzo 4/15/08  
CARL GIACOMAZZO

Figure 130. Data Sheet for Meter 17, April 15, 2008



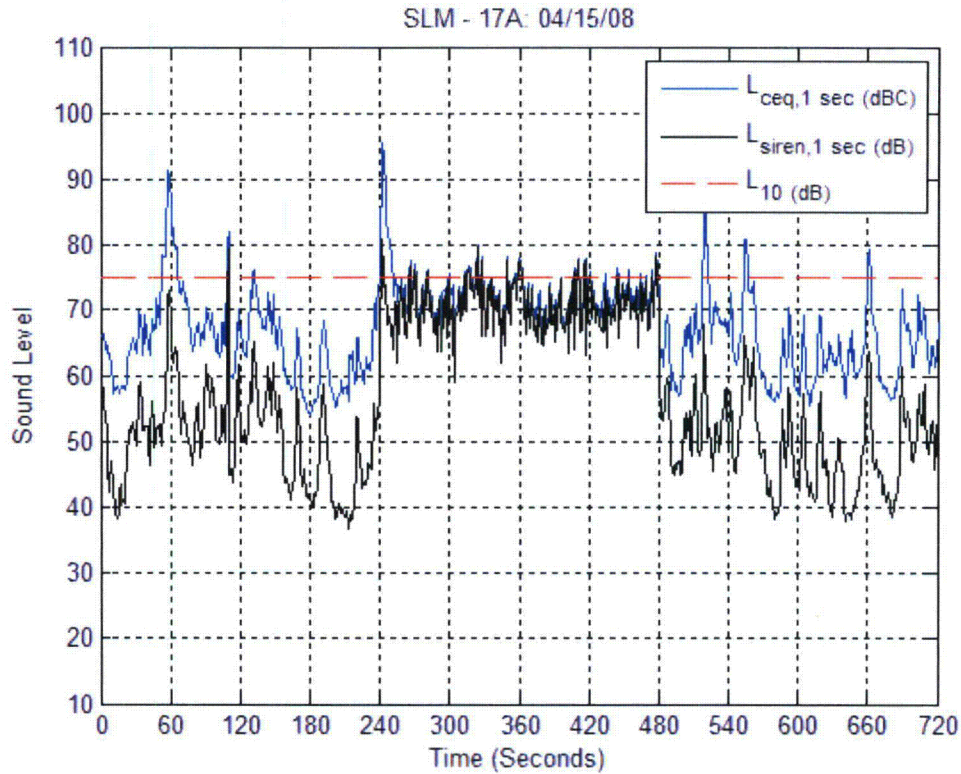


Figure 131. Time History Plot for Meter 17, April 15, 2008

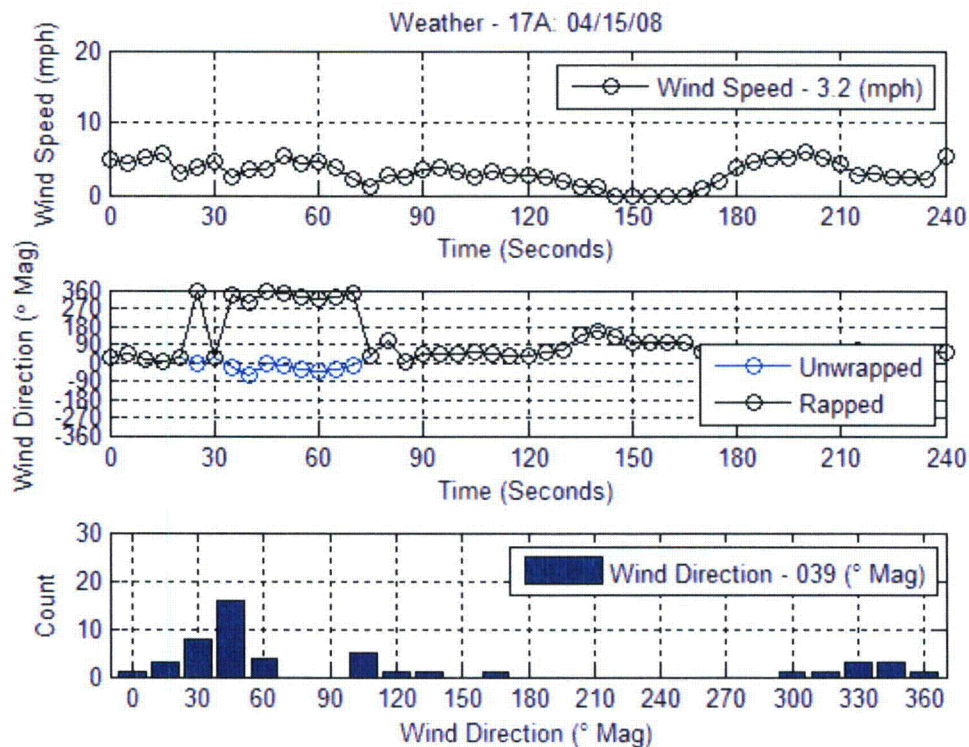
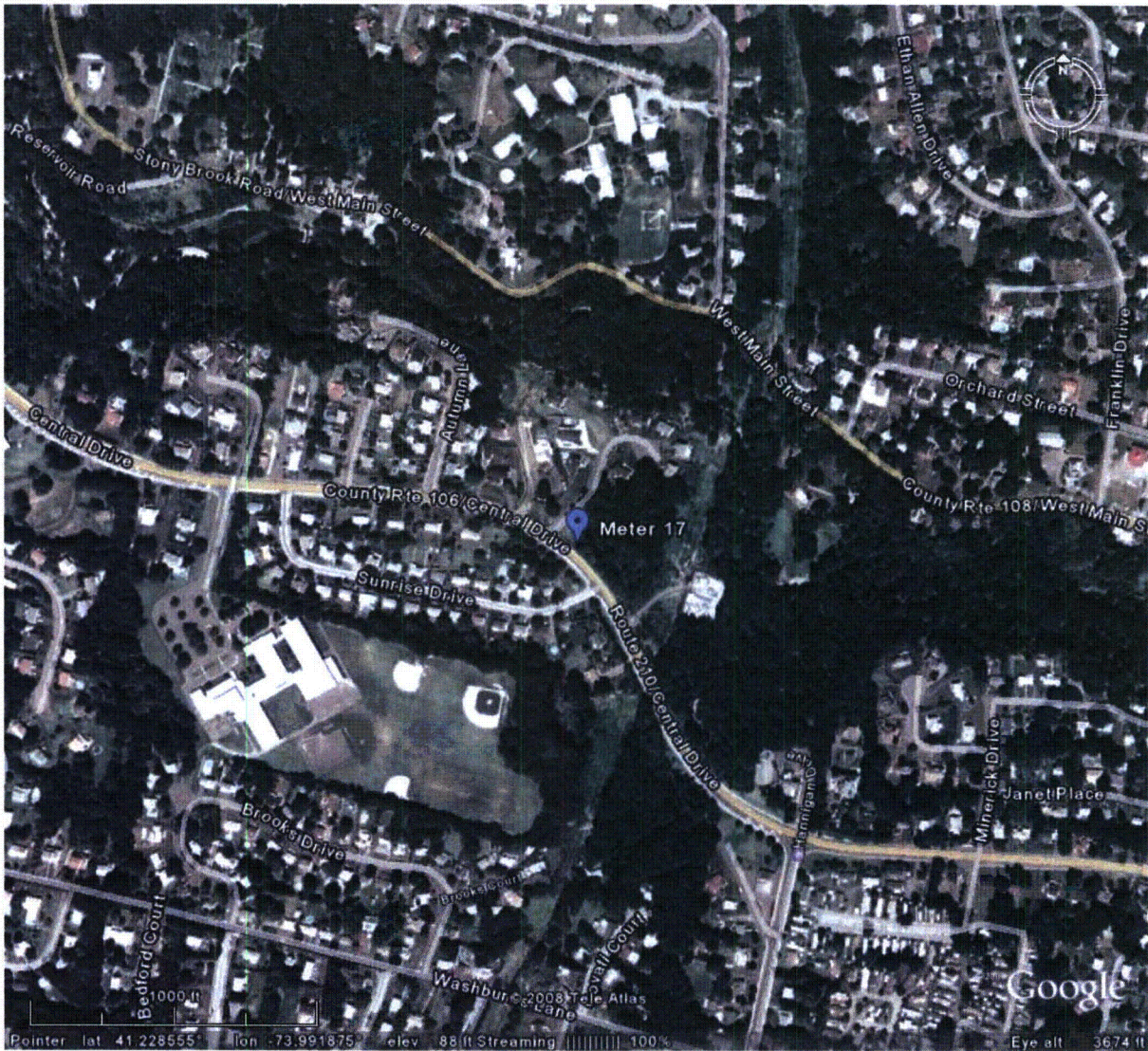


Figure 132. Weather Plots for Meter 17, April 15, 2008



**Meter 17, April 16, 2008**



**Figure 133.** Aerial Photograph of Meter 17 Location, April 16, 2008.



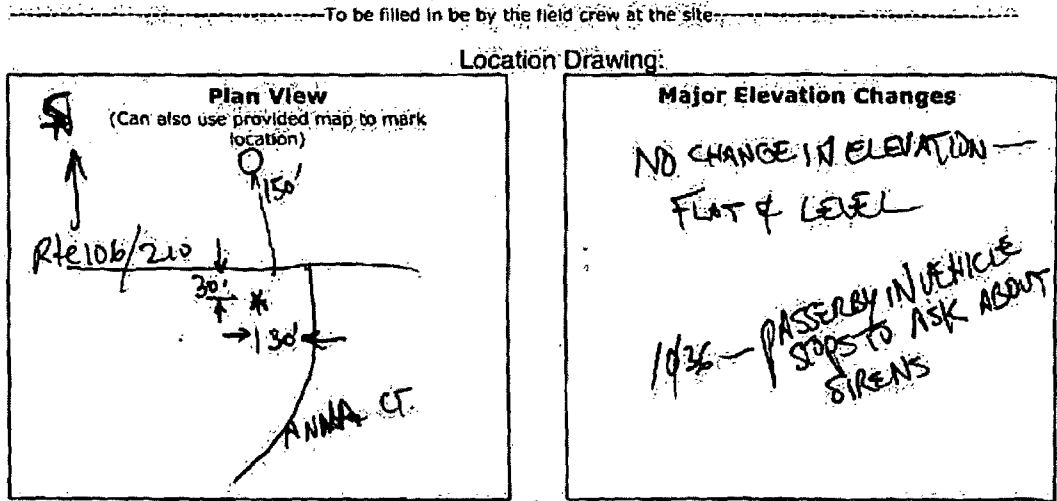
**SITE #17**

**Indian Point Siren Test Data Sheet**

To be filled in by support staff at the EOF:

Date: 04/16/08 Time: 570056  
 SLM Model: 024 SLM Serial Number: 3394 WEATHER  
 Tester's Name: MJ/ CARL V. GIACOMAZZO  
 GPS Coordinates: \_\_\_\_\_ West \_\_\_\_\_ North  
 Checked Battery?  Yes No 96%  
 Checked Clock?  Yes No  
 Memory Checked?  Yes No  
 Calibration level before test: 94.0 dBC  
 30-second calibration tone recorded before test?  Yes No  
 Calibration level after test: 94.0 dBC  
 30-second calibration tone recorded after test?  Yes No  
 Calibrator Model: B&K 4231 Calibrator SN: 2575552

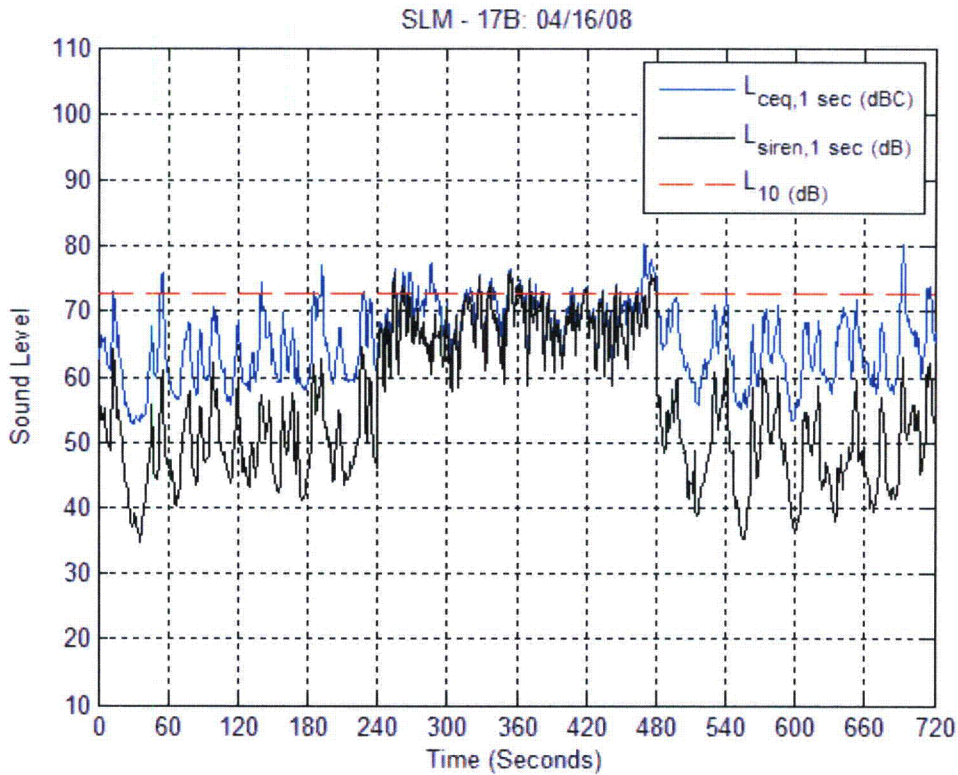
DOWNLOADED  
 SLM WEATHER



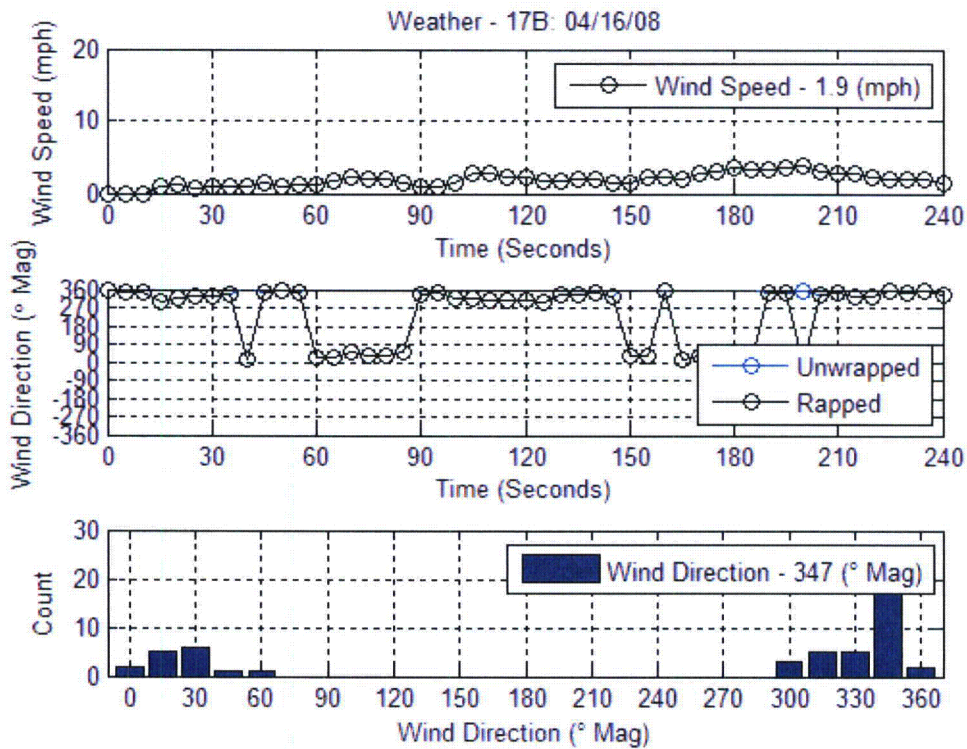
Measurement Location description: METER/SITE #17

Microphone height: 5'-0" ft. Wind Dir: 21 deg.  
 Photos Taken?  Yes No Wind Spd: 1.4 mph  
 Meter Recording?  Yes No 1/16 Temp: 53.3 °F  
 Weather Station on and wind cover removed?  Yes No  
 Ambient noise level before test: 54 dBC  
 Maximum level observed during the test: 76 dBC  
 Could you hear the sirens?  Yes No  
 Ambient noise level after test: 54 dBC  
 Notes about test (including background noise and noise intrusions during the test):  
PASSING TRAFFIC BACKGROUND NOISE  
 Tester's Signature: Carl V. Giacomazzo

Figure 134. Data Sheet for Meter 17, April 16, 2008



**Figure 135.** Time History Plot for Meter 17, April 16, 2008



**Figure 136.** Weather Plots for Meter 17, April 16, 2008



**Meter 18, April 15, 2008**



**Figure 137.** Aerial Photograph of Meter 18 Location, April 15, 2008.

SITE #  
18

### Indian Point Siren Test Data Sheet

To be filled in by the field crew at the site

Date: 4/15/08 Time: 6:40 am

SLM Model: 82A SLM Serial Number: 3036 / weather 669915

Tester's Name: Robert Glaze

GPS Coordinates: 74° 03' 54" West 91° 14' 22" North SITE # 18

Checked Battery?  Yes  No

Checked Clock?  Yes  No

Memory Checked?  Yes  No

Calibration level before test: 94.0 dBC

30 second calibration tone recorded before test?  Yes  No

Calibration level after test: 94.0 dBC

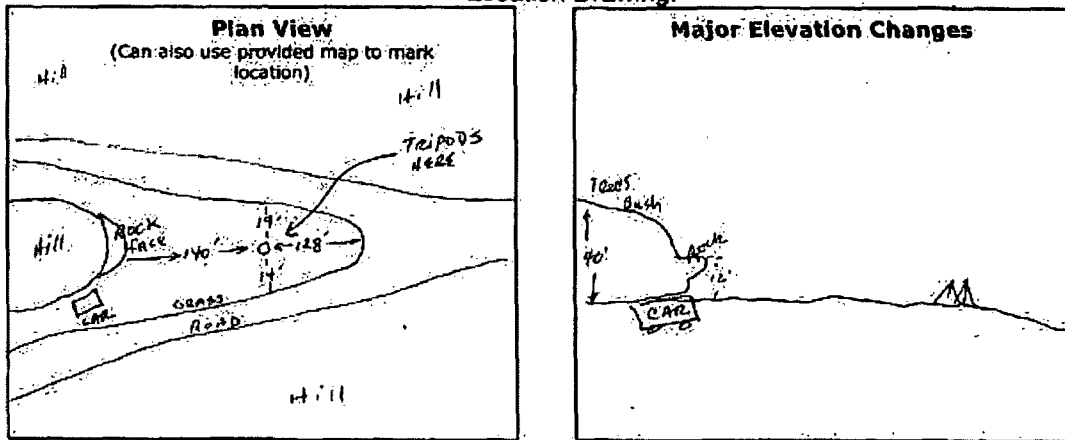
30 second calibration tone recorded after test?  Yes  No

Calibrator Model: B&K 4231 Calibrator SN: 7592139

SLM ✓  
weather ✓

To be filled in by the field crew at the site

#### Location Drawing:



Measurement Location description: Sloping well, more grass, surrounded by Country Road  
measured passing car.

Microphone height: 5 ft.

Photos Taken?  Yes  No

Meter Recording?  Yes  No

Weather Station on and wind cover removed?  Yes  No

Ambient noise level before test: 65.2 dBC - on at 10:1 AM

Maximum level observed during the test: 59 dBC

Could you hear the sirens?  Yes  No

Ambient noise level after test: 47 dBC - at 10:36 AM

Notes about test (including background noise and noise intrusions during the test):  
SLM responded predominantly to wind noise, some trees creaking, intermittent bird song.  
Intermittent bird chatter, yellow leaves from rustling. Measured noise peaks  
fluttering in wind. Intermittent woodpecker working.

Tester's Signature: Robert Glaze Robert GLAZE

see additional field notes on back of this page.

Figure 138. Data Sheet for Meter 18, April 15, 2008



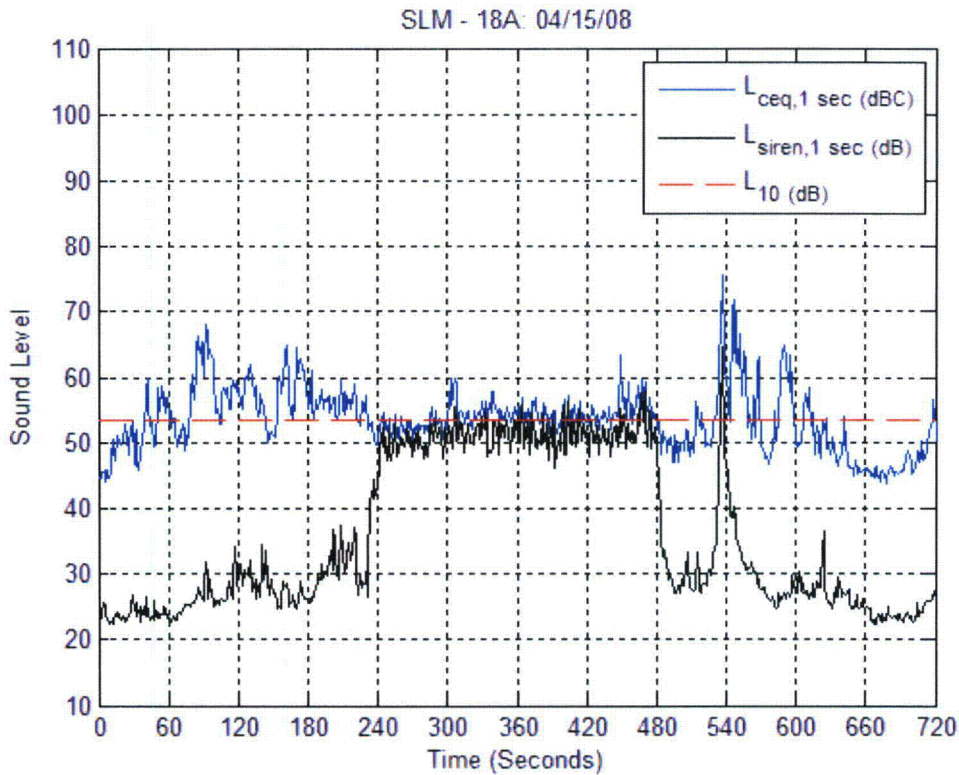


Figure 139. Time History Plot for Meter 18, April 15, 2008

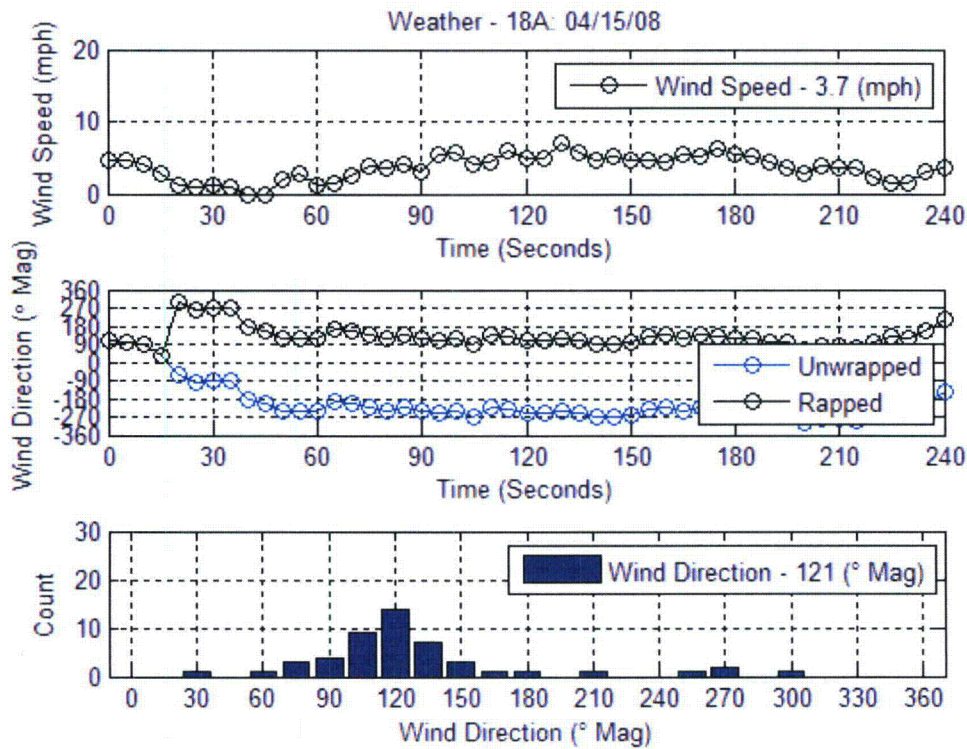
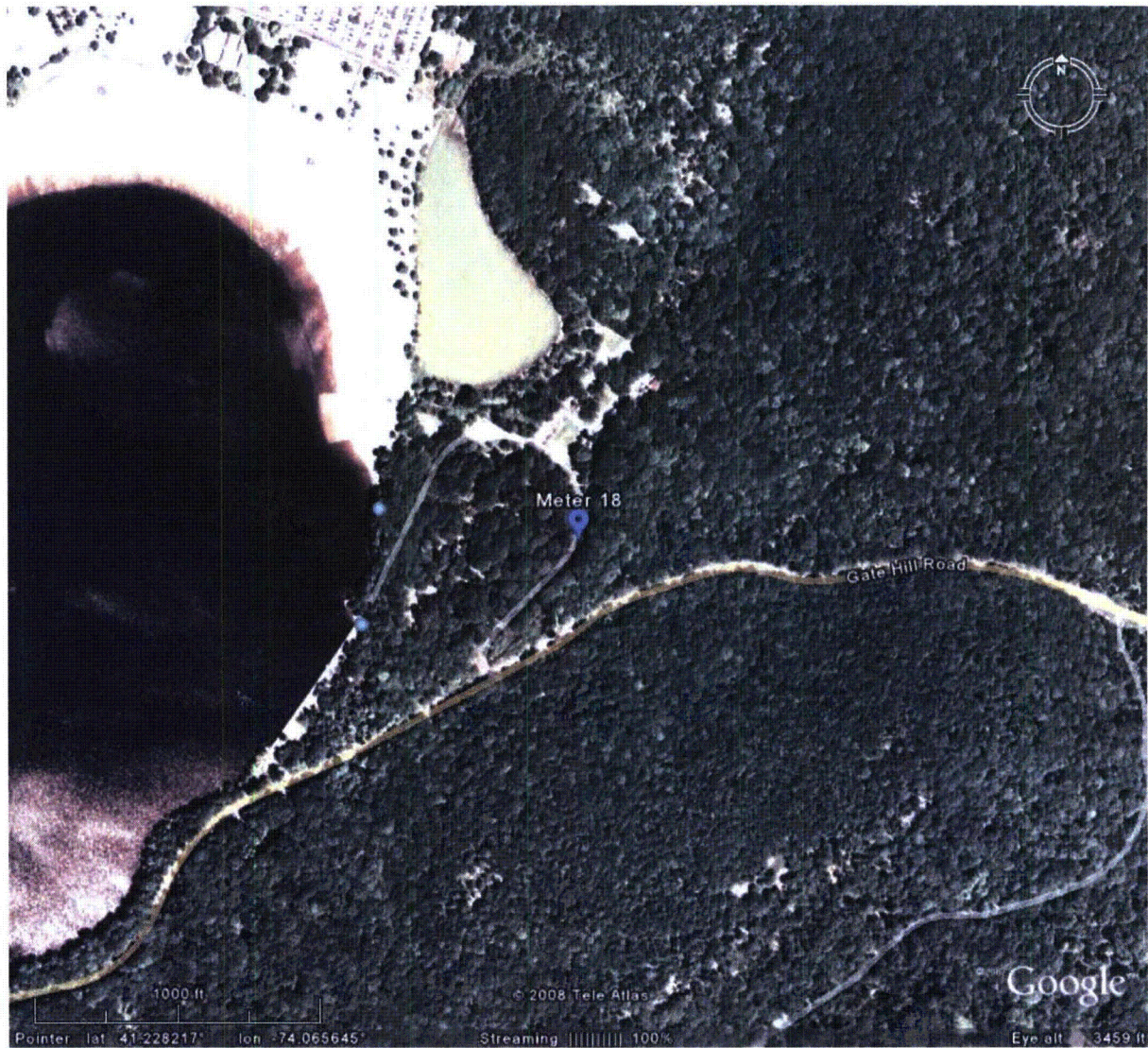


Figure 140. Weather Plots for Meter 18, April 15, 2008



**Meter 18, April 16, 2008**



**Figure 141.** Aerial Photograph of Meter 18 Location, April 16, 2008.



SITE # 18

### Indian Point Siren Test Data Sheet

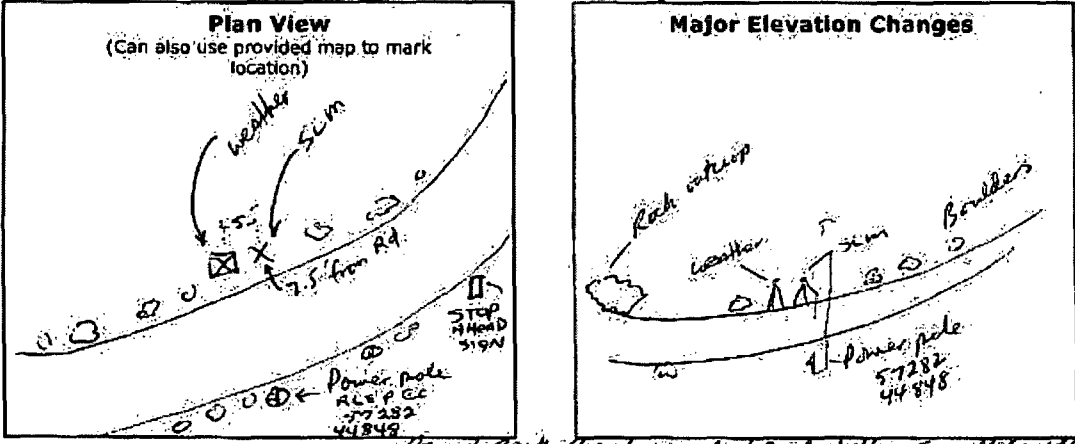
-----To be filled in by the support staff-----

Date: 04/16/08 Time: \_\_\_\_\_  
 SLM Model: 824 SLM Serial Number: 3036 WEATHER  
 Tester's Name: MJ/ 569915  
 GPS Coordinates: \_\_\_\_\_ West \_\_\_\_\_ North  
 Checked Battery?  Yes No  
 Checked Clock?  Yes No  
 Memory Checked?  Yes No  
 Calibration level before test: 97.0 dBC  
 30 second calibration tone recorded before test?  Yes No  
 Calibration level after test: 74.0 dBC  
 30 second calibration tone recorded after test?  Yes No  
 Calibrator Model: BTK 9231 Calibrator SN: 2592139

DOWNLOADED  
 SUM ✓ WEATHER ✓

-----To be filled in by the field crew at the site-----

**Location Drawing:**



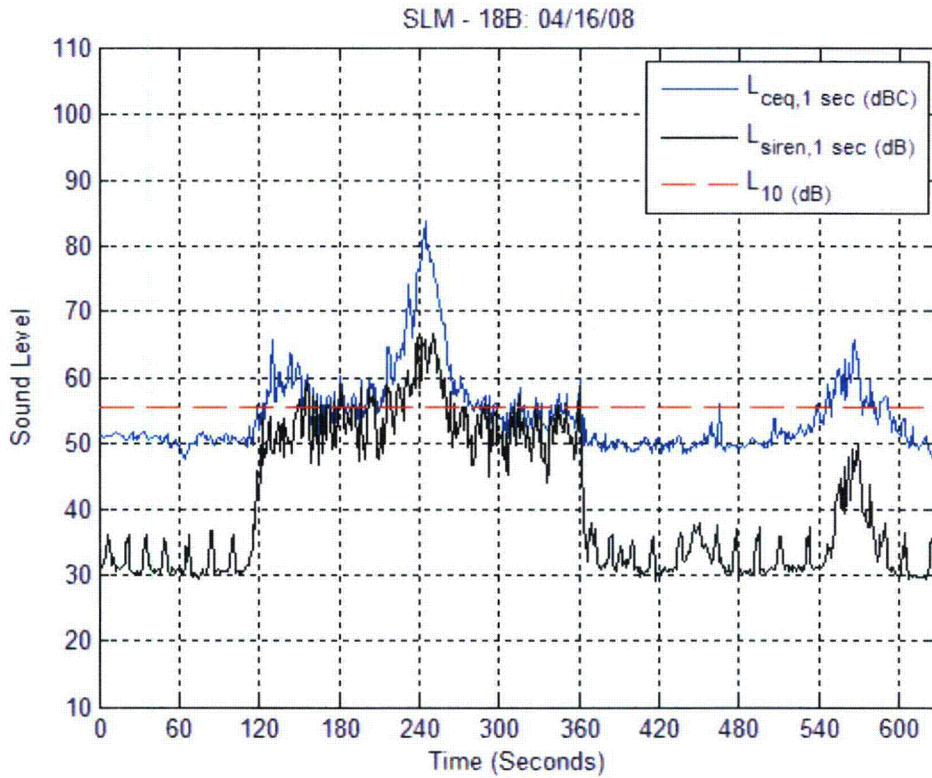
Measurement Location description: Hand Park Road - wooded and hilly - small boulders on both sides. Bush in distance. Bird song.

Microphone height: 5 ft. Wind Dir: 219 150 deg  
 Photos Taken?  Yes No Wind Spd: 2.2 mph  
 Meter Recording?  Yes No Temp: 57.9 °F  
 Weather Station on and wind cover removed?  Yes No  
 Ambient noise level before test: 50.5 dBC  
 Maximum level observed during the test: 80 dBC  
 Could you hear the sirens?  Yes No  
 Ambient noise level after test: 47 dBC

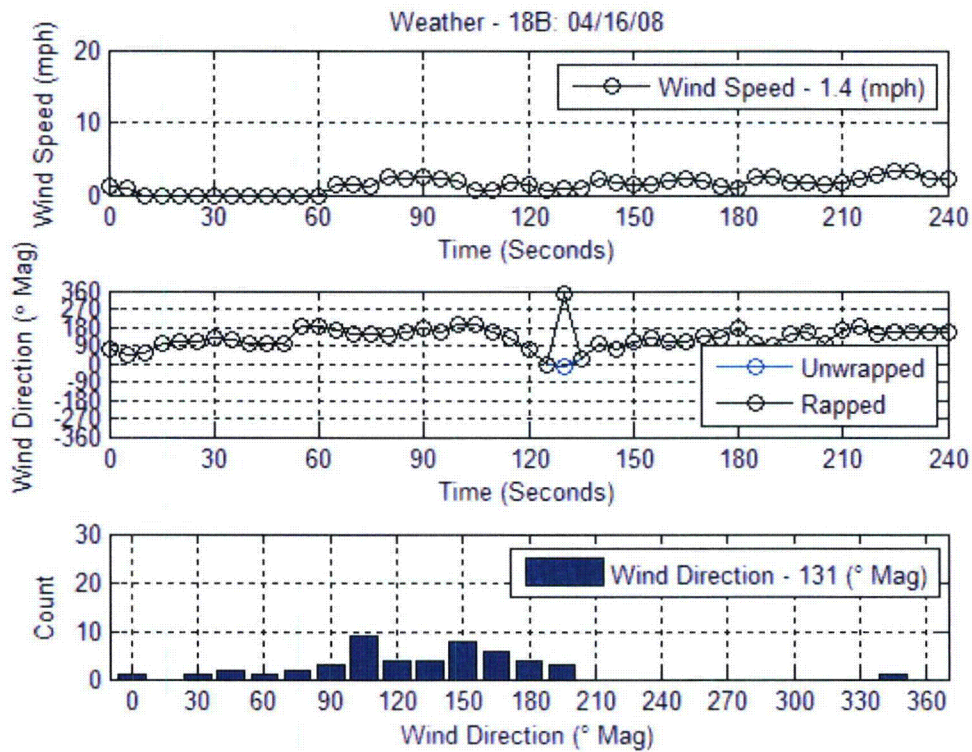
Notes about test (including background noise and noise intrusions during the test):  
See back of the page.

Tester's Signature: Robert Glantz

**Figure 142.** Data Sheet for Meter 18, April 16, 2008



**Figure 143.** Time History Plot for Meter 18, April 16, 2008



**Figure 144.** Weather Plots for Meter 18, April 16, 2008



**Meter 19, April 15, 2008**



**Figure 145.** Aerial Photograph of Meter 19 Location, April 15, 2008.

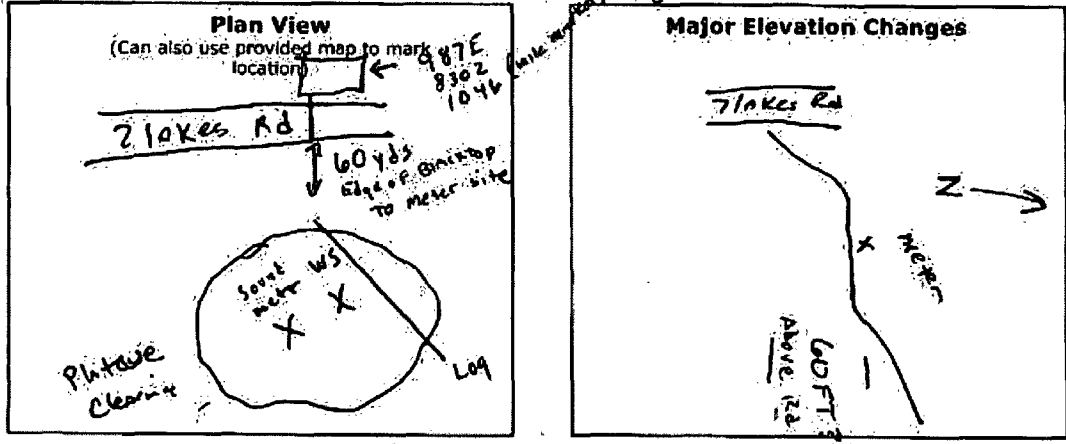
### Indian Point Siren Test Data Sheet

-----To be filled in by the support staff-----  
 Date: 4/15/08 Time: \_\_\_\_\_  
 SLM Model: 831 SLM Serial Number: 0001433 / Weather 569928  
 Tester's Name: MS  
 GPS Coordinates: 74° 4' 30" West 41° 17' 13" North  
 Checked Battery?  Yes No  
 Checked Clock?  Yes No  
 Memory Checked?  Yes No  
 Calibration level before test: 94.0 dBC  
 30 second calibration tone recorded before test?  Yes No  
 Calibration level after test: 94.0 dBC  
 30 second calibration tone recorded after test?  Yes No  
 Calibrator Model: BTK 9231 Calibrator SN: 2575552

Site 19  
 DOWNLOADED  
 SLM ✓ WEATHER

-----To be filled in by the field crew at the site-----

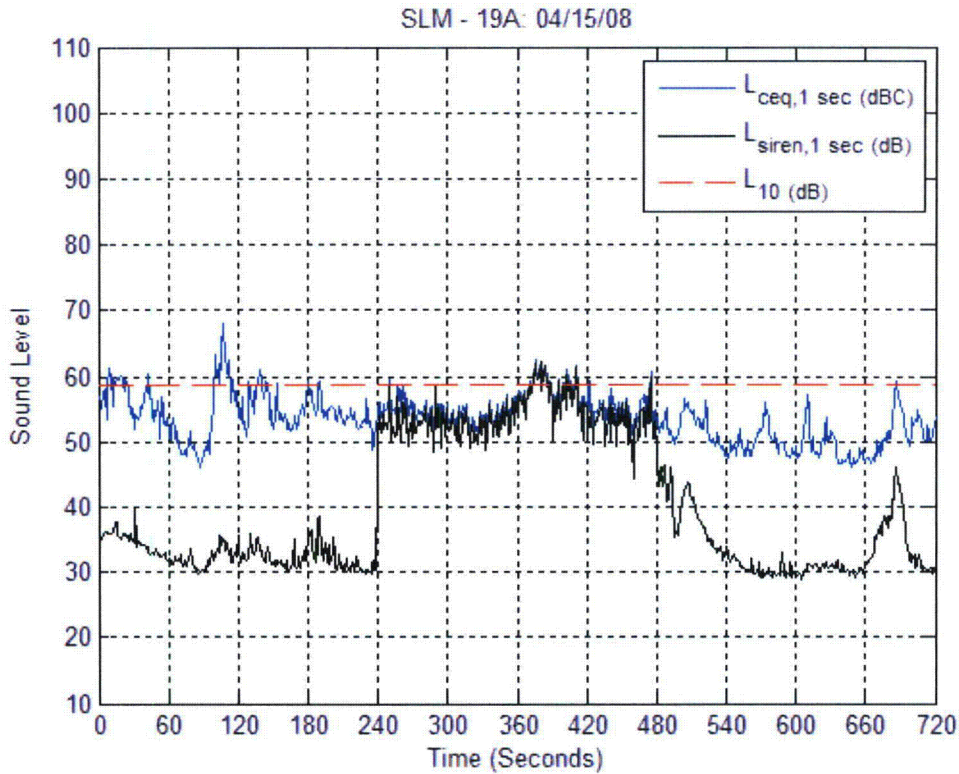
Location Drawing:



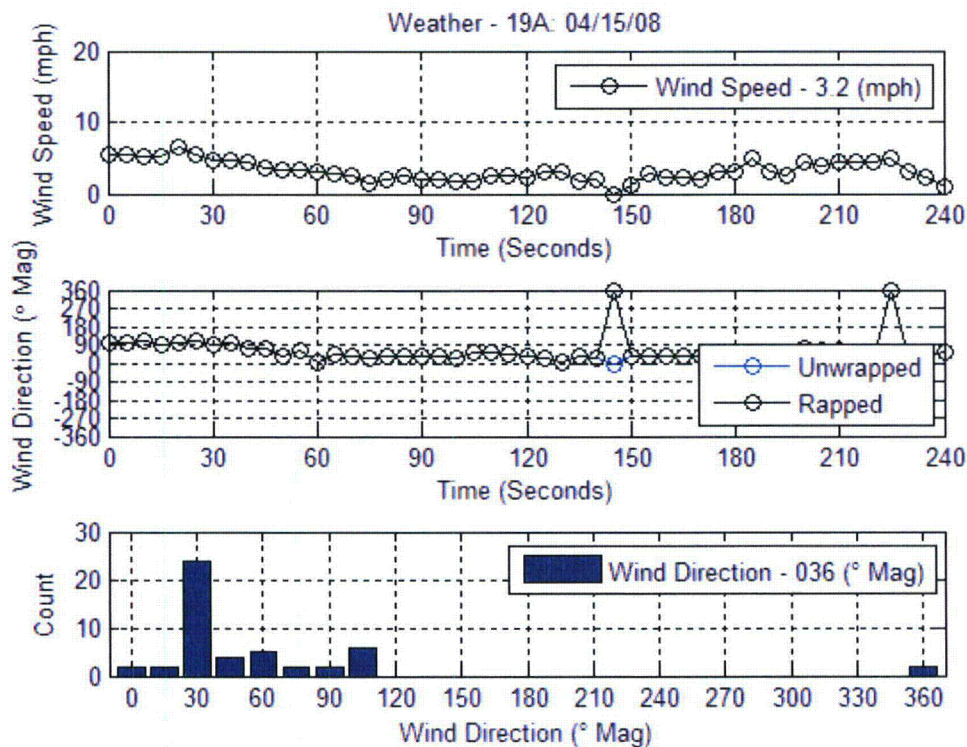
Measurement Location description: 60 yds East mile  
 Microphone height: 5 ft. Wind Dir: 50° deg  
 Photos Taken?  Yes No Wind Spd: 3.7 mph  
 Meter Recording?  Yes No Temp: 46.1 °F  
 Weather Station on and wind cover removed?  Yes No  
 Ambient noise level before test: 50 up to 65 dBC when cars go by  
 Maximum level observed during the test: 62 dBC  
 Could you hear the sirens?  Yes No  
 Ambient noise level after test: 50 ± 2 dBC  
 Notes about test (including background noise and noise intrusions during the test):  
 Ambient level 45-55 depending on wind speed. Traffic sometimes peaked level up to ~ 62 dB.  
 Tester's Signature: Christopher Gates 4-15-08

Figure 146. Data Sheet for Meter 19, April 15, 2008





**Figure 147.** Time History Plot for Meter 19, April 15, 2008



**Figure 148.** Weather Plots for Meter 19, April 15, 2008



**Meter 19, April 16, 2008**



**Figure 149.** Aerial Photograph of Meter 19 Location, April 16, 2008.



SITE # 15

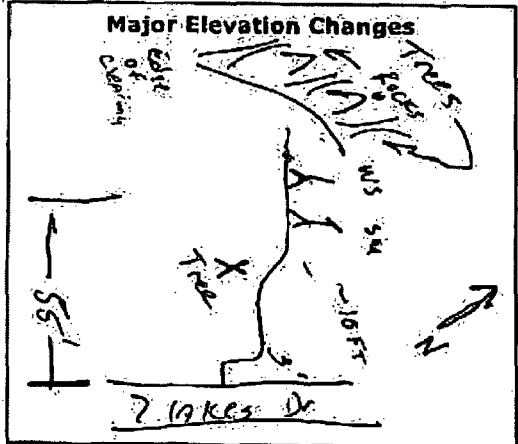
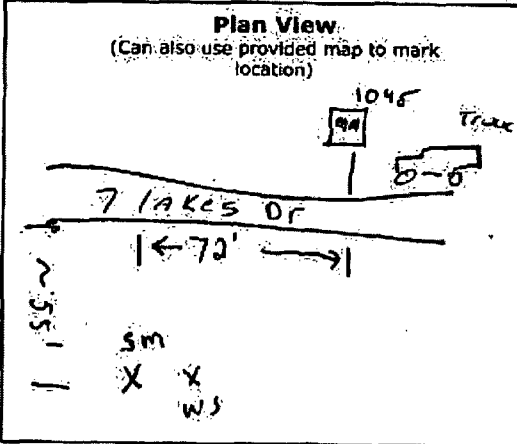
**Indian Point Siren Test Data Sheet**

-----To be filled in by the EOF by support staff-----  
 Date: 04/16/08 Time: 5:09:22  
 SLM Model: 831 SLM Serial Number: 1433 WEATHER  
 Tester's Name: MSJ Christopher Gales  
 GPS Coordinates: \_\_\_\_\_ West \_\_\_\_\_ North  
 Checked Battery?  Yes No 6.3V  
 Checked Clock?  Yes No  
 Memory Checked?  Yes No  
 Calibration level before test: 99.0 dBC  
 30 second calibration tone recorded before test?  Yes No  
 Calibration level after test: 99.0 dBC  
 30 second calibration tone recorded after test?  Yes No  
 Calibrator Model: B+K 4231 Calibrator SN: 2575552

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 SLM / WEATHER ✓

-----To be filled in by the field crew at the site-----

Location Drawing:



Measurement Location description: Leaving off (255 FT) 7 lakes drive mile marker 1044.9  
 Microphone height: 5 ft. Wind Dir: 022 deg.  
 Photos Taken?  Yes No Wind Spd: 1.8 mph  
 Meter Recording?  Yes No Temp: 52.8 °F  
 Weather Station on and wind cover removed?  Yes No  
 Ambient noise level before test: 46-47 50 dBC High 60's low 70's with Traffic  
 Maximum level observed during the test: 64 dBC  
 Could you hear the sirens?  Yes No  
 Ambient noise level after test: 46-50 dBC  
 Notes about test (including background noise and noise intrusions during the test):

See BACK  
 of this  
 sheet

Tester's Signature: Christopher Gales *[Handwritten Signature]*

Figure 150. Data Sheet for Meter 19, April 16, 2008

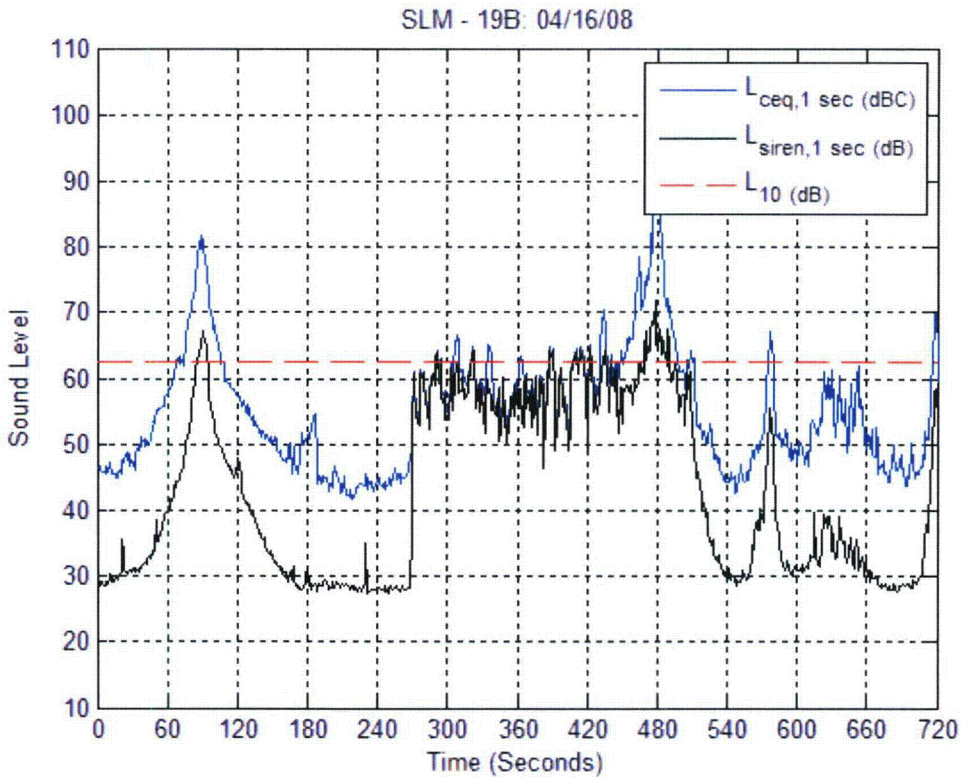


Figure 151. Time History Plot for Meter 19, April 16, 2008

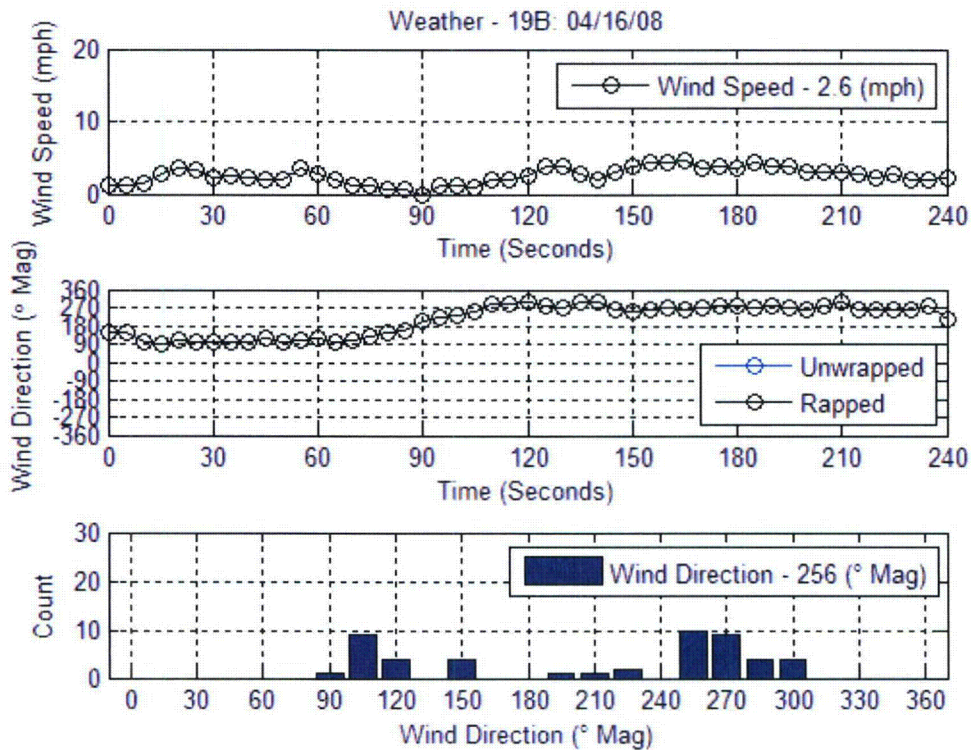


Figure 152. Weather Plots for Meter 19, April 16, 2008



**Meter 20, April 15, 2008**



**Figure 153.** Aerial Photograph of Meter 20 Location, April 15, 2008.

### Indian Point Siren Test Data Sheet

To be filled in by support staff

Date: 4/15/08 Time: \_\_\_\_\_

SLM Model: 831 SLM Serial Number: 0001432/Weather 569894

Tester's Name: MJ

GPS Coordinates: 74° 7' 11" West 41° 16' 40" North

Checked Battery?  Yes  No

Checked Clock?  Yes  No

Memory Checked?  Yes  No

Calibration level before test: 94.0 dBC

30 second calibration tone recorded before test?  Yes  No

Calibration level after test: 94.0 dBC

30 second calibration tone recorded after test?  Yes  No

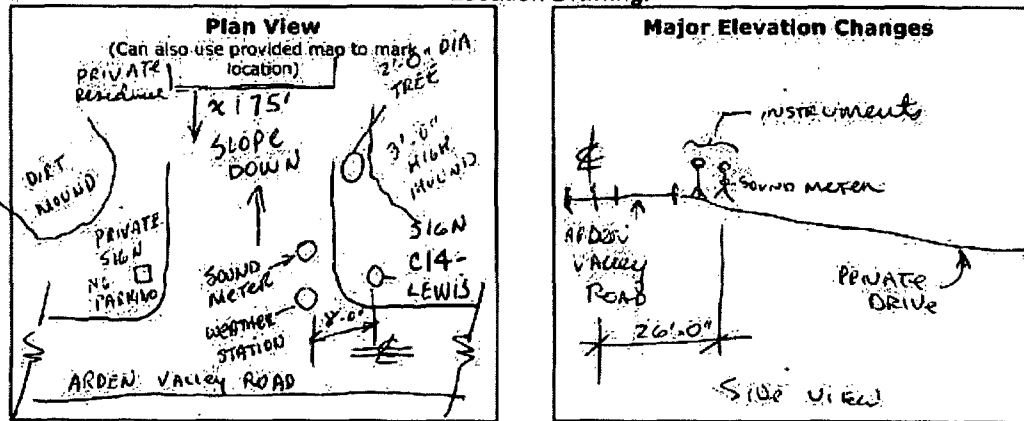
Calibrator Model: B&K 4231 Calibrator SN: 2575552

20

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SLM/WEATHER

To be filled in by the field crew at the site

#### Location Drawing:



Measurement Location description: ENTRANCE TO DRIVE @ SIGN C14-LEWIS

Microphone height: 5'-0" ft.

Photos Taken?  Yes  No

Meter Recording?  Yes  No

Weather Station on and wind cover removed?  Yes  No

Ambient noise level before test: 49 dBC

Maximum level observed during the test: 79 dBC

Could you hear the sirens?  Yes  No

Ambient noise level after test: 47 dBC

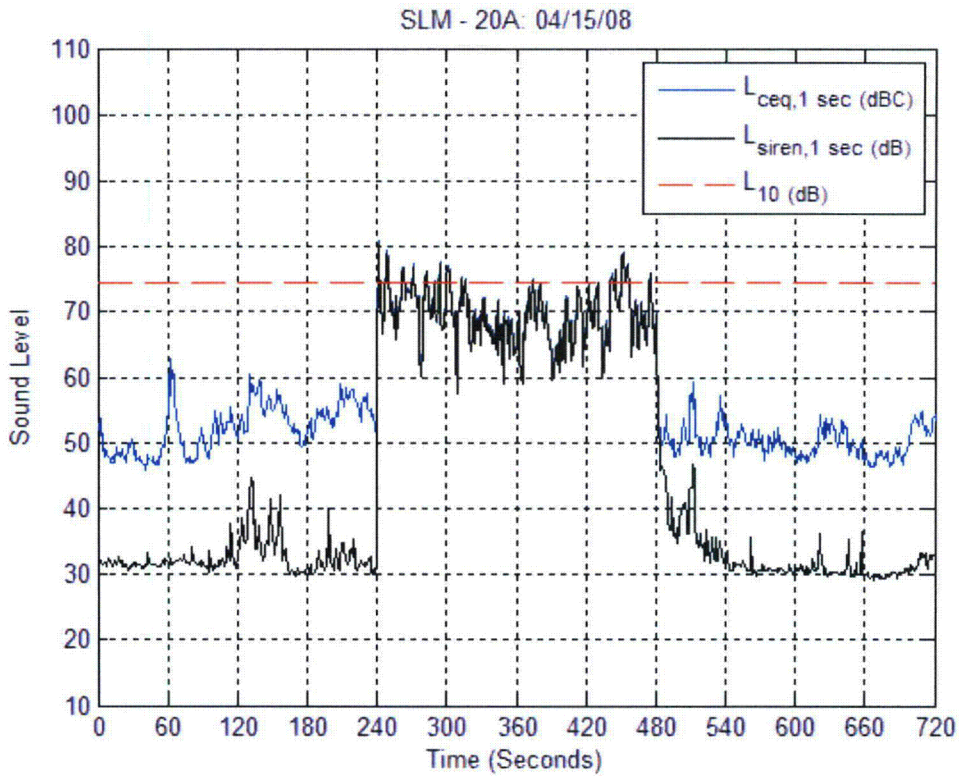
Wind Dir: 283 deg.  
 Wind Spd: 3.2 mph  
 Temp: 45.2 °F

Notes about test (including background noise and noise intrusions during the test):  
SOME HIGH ALTITUDE AIRCRAFT WITHIN THE APPROX 25 MINUTE RECORDING & BIRDS AT TIMES Helicopter @ 10:45

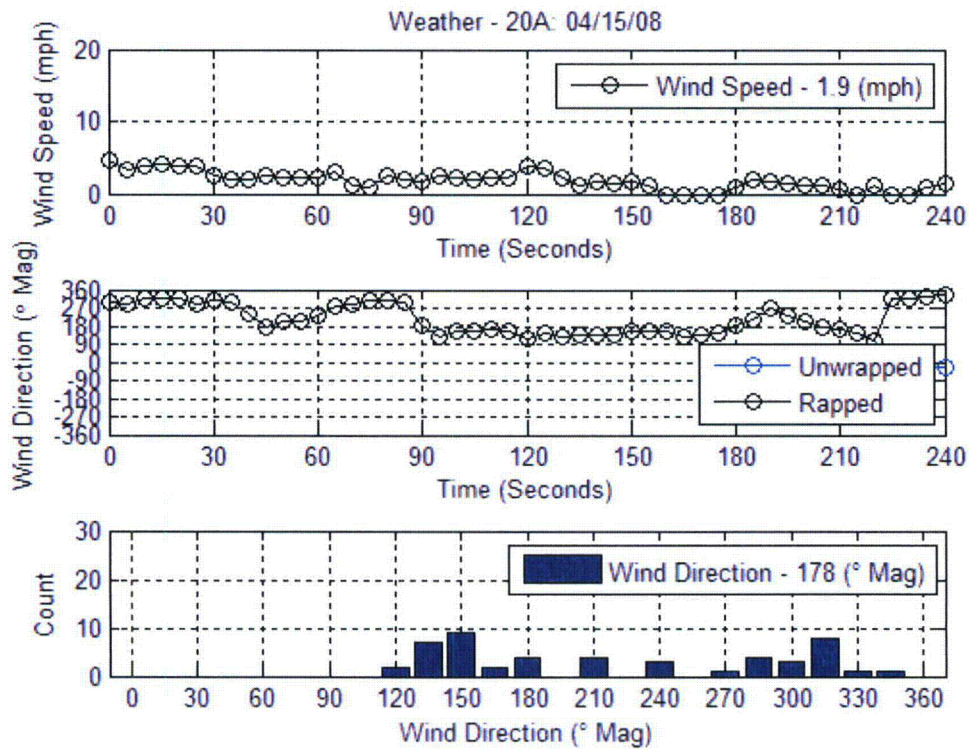
Tester's Signature: Janus Dzus

Figure 154. Data Sheet for Meter 20, April 15, 2008





**Figure 155.** Time History Plot for Meter 20, April 15, 2008



**Figure 156.** Weather Plots for Meter 20, April 15, 2008



**Meter 20, April 16, 2008**



**Figure 157.** Aerial Photograph of Meter 20 Location, April 16, 2008.



SITE #20

### Indian Point Siren Test Data Sheet

-----To be filled in by support staff-----

Date: 04/16/08 Time: 569894  
 SLM Model: 831 SLM Serial Number: 1432 WEATHER  
 Tester's Name: M31

GPS Coordinates: \_\_\_\_\_ West \_\_\_\_\_ North

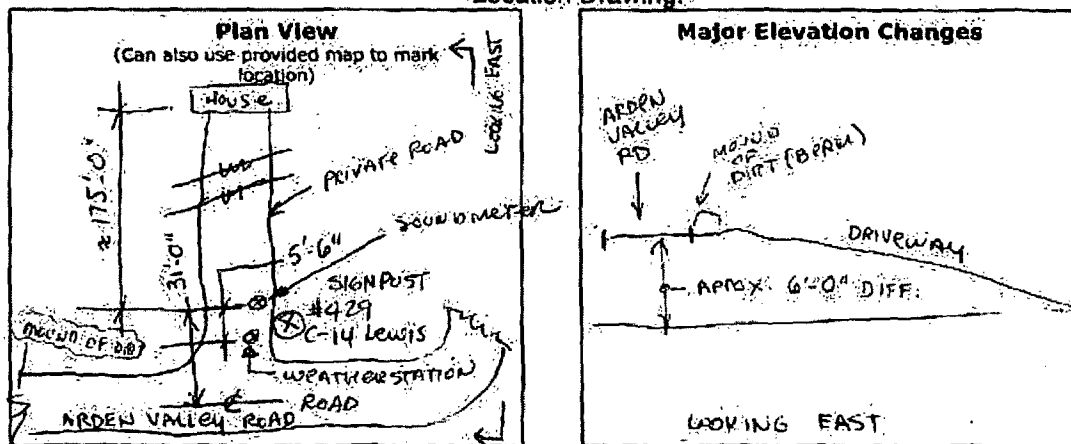
Checked Battery?  Yes No 6.4V  
 Checked Clock?  Yes No  
 Memory Checked?  Yes No

Calibration level before test: 94.0 dBC  
 30 second calibration tone recorded before test?  Yes No  
 Calibration level after test: 94.0 dBC  
 30 second calibration tone recorded after test?  Yes No  
 Calibrator Model: BTK 9231 Calibrator SN: 2575552

DOWNLOADED  
 SLM ✓ WEATHER ✓

-----To be filled in by the field crew at the site-----

#### Location Drawing:



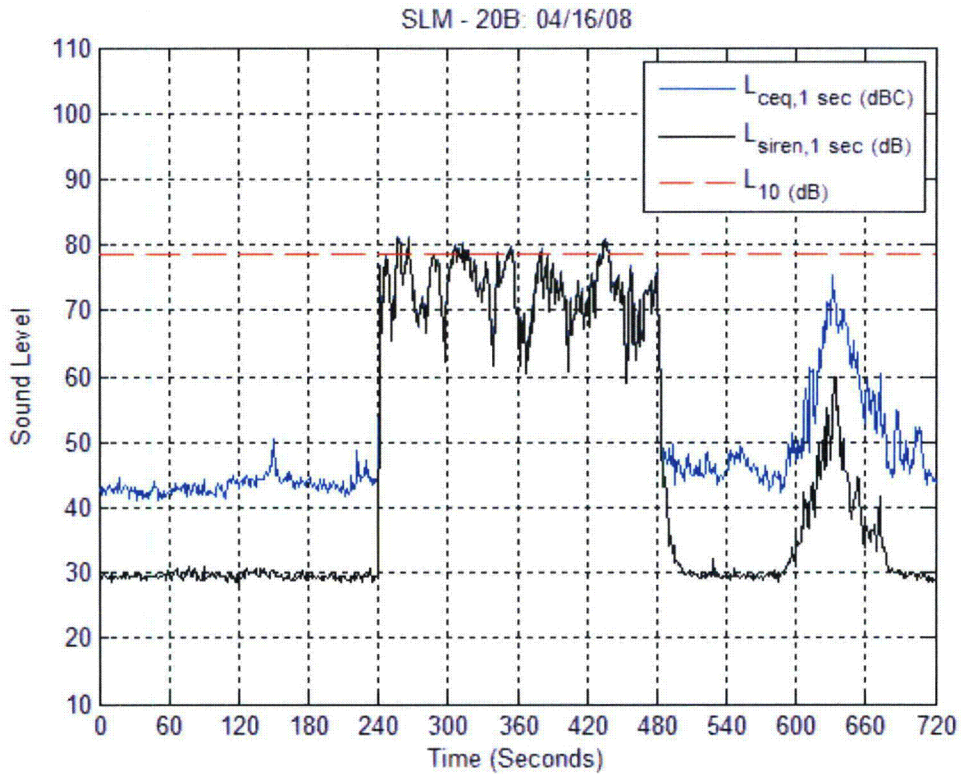
Measurement Location description: 14'-0" SOUTH OF #429 SIGNPOST C-14 LEWIS  
 Microphone height: 5'-0" ft.  
 Photos Taken?  Yes No  
 Meter Recording?  Yes No  
 Weather Station on and wind cover removed?  Yes No  
 Ambient noise level before test: 44 dBC  
 Maximum level observed during the test: 81 dBC  
 Could you hear the sirens?  Yes No  
 Ambient noise level after test: 46 dBC

Notes about test (including background noise and noise intrusions during the test):  
NOT SMALL PLANE PASSED OVERHEAD AFTER TEST @ 10:36 AM

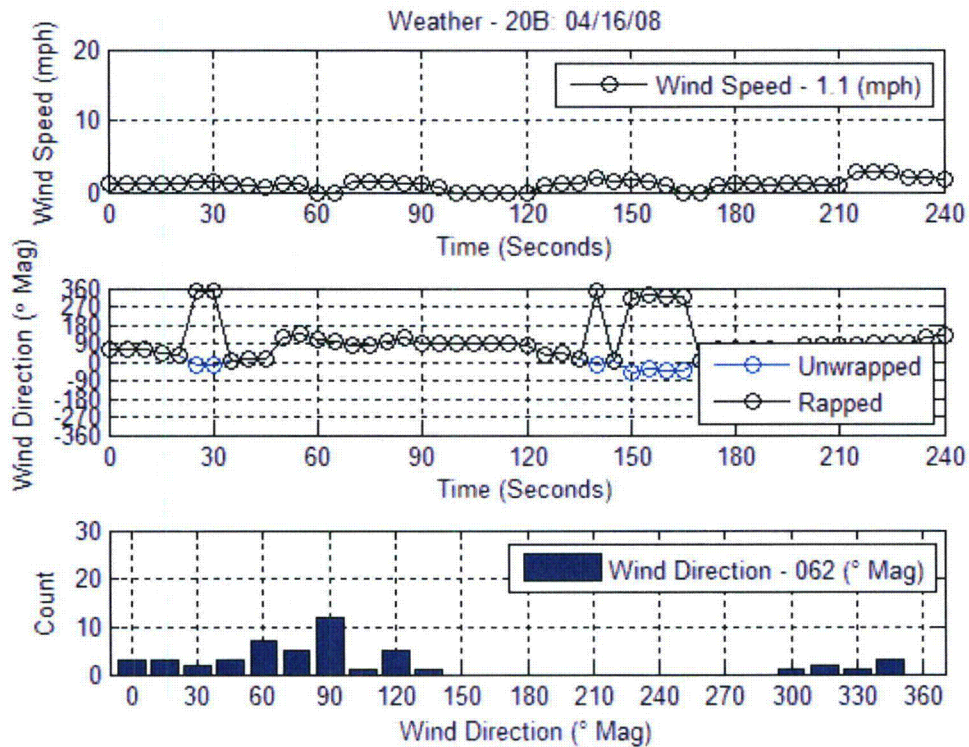
Wind Dir: 168 deg.  
 Wind Spd: 1.8 mph  
 Temp: 58.1 °F

Tester's Signature: James Onassis 4/16/08

**Figure 158.** Data Sheet for Meter 20, April 16, 2008



**Figure 159.** Time History Plot for Meter 20, April 16, 2008



**Figure 160.** Weather Plots for Meter 20, April 16, 2008



**Meter 21, April 15, 2008**



**Figure 161.** Aerial Photograph of Meter 21 Location, April 15, 2008.

### Indian Point Siren Test Data Sheet

To be filled in by the support staff:

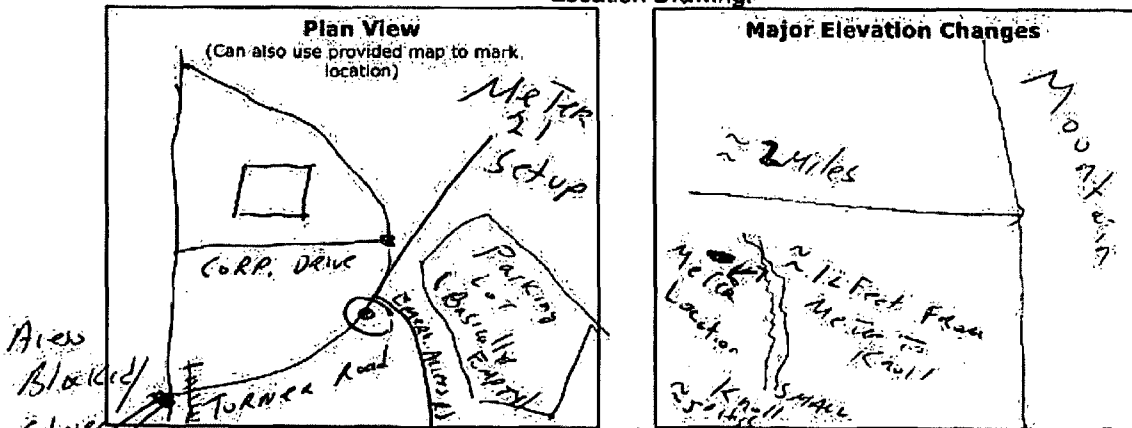
Date: 4/15/08 Time: 7:00 am weather clear  
 SLM Model: 824 SLM Serial Number: 824 A 3038 / 567928  
 Tester's Name: Ken Finucan / 74° 2' 19.12" W  
 GPS Coordinates: 41 19 12.5 N / 74 2 24 W  
 Checked Battery?  Yes  No  
 Checked Clock?  Yes  No  
 Memory Checked?  Yes  No  
 Calibration level before test: 94.0 dBC  
 30 second calibration tone recorded before test?  Yes  No  
 Calibration level after test: 94.0 dBC  
 30 second calibration tone recorded after test?  Yes  No  
 Calibrator Model: B&K A231 Calibrator SN: 2592139

Meter 21

weather ✓ / SLM ✓

To be filled in by the field crew at the site:

#### Location Drawing:



Measurement Location description: Turner Rd at Int. with Emergency Access Rd

Microphone height: 5'0" ft. Wind Dir: 095 deg.  
 Photos Taken?  Yes  No Wind Spd: 5.9 mph  
 Meter Recording?  Yes  No Temp: 47.7 °F  
 Weather Station on and wind cover removed?  Yes  No  
 Ambient noise level before test: 64.8 - 66.5 dBC  
 Maximum level observed during the test: 76.3 dBC  
 Could you hear the sirens?  Yes  No  
 Ambient noise level after test: 64.1 dBC

Notes about test (including background noise and noise intrusions during the test):  
Meter on @ 1017. Meter off @ 1044

Tester's Signature: Kenneth R Finucan

Figure 162. Data Sheet for Meter 21, April 15, 2008



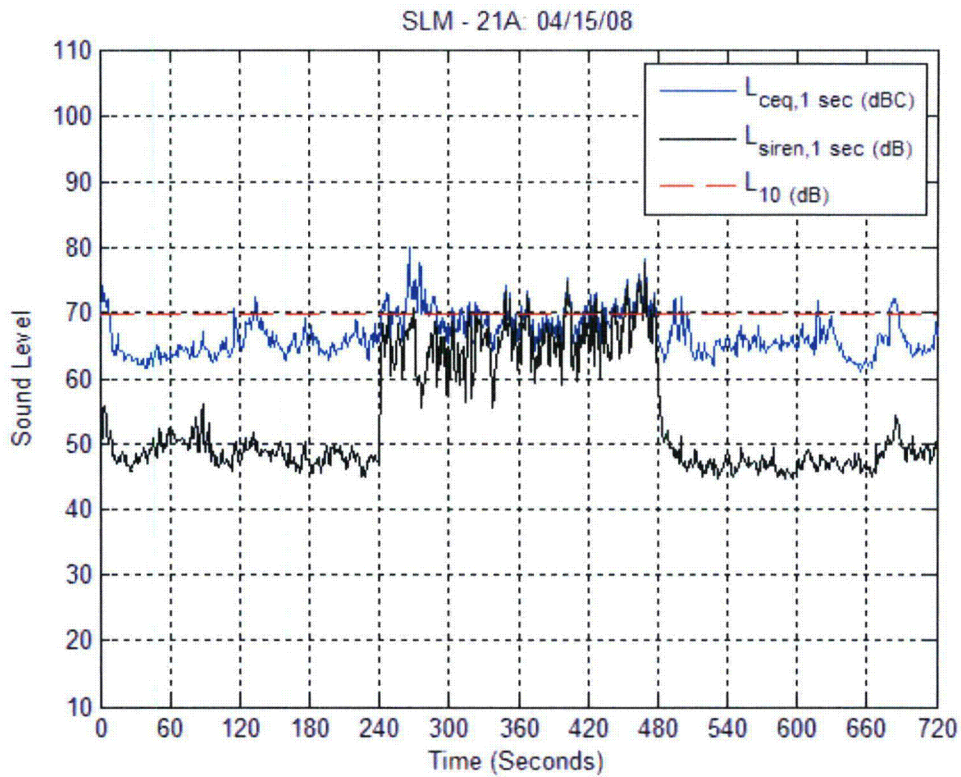


Figure 163. Time History Plot for Meter 21, April 15, 2008

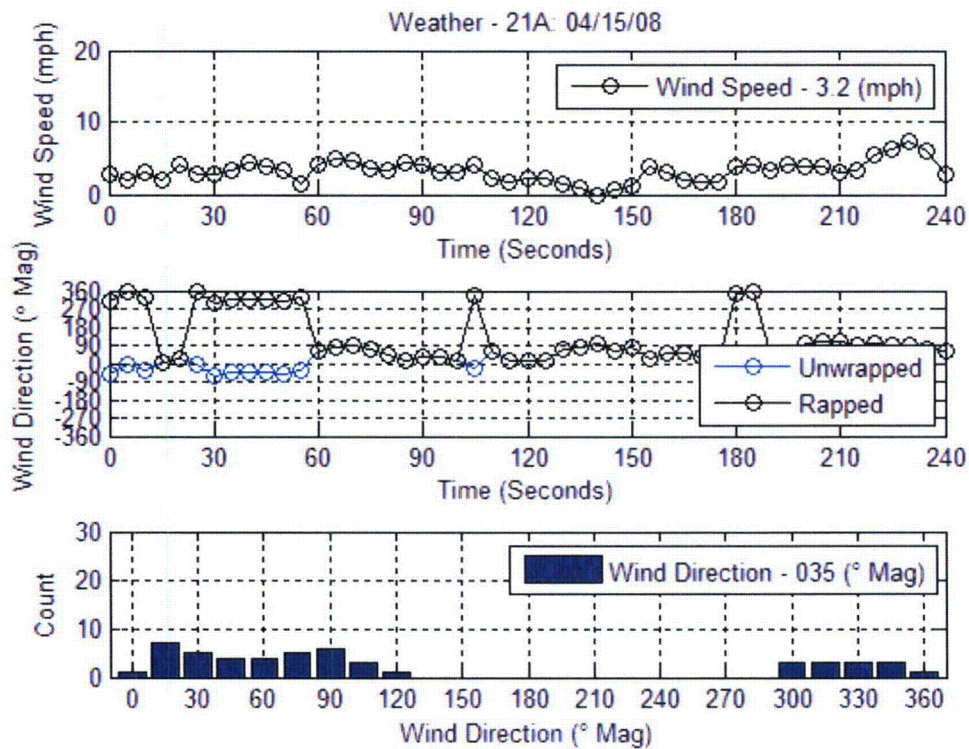
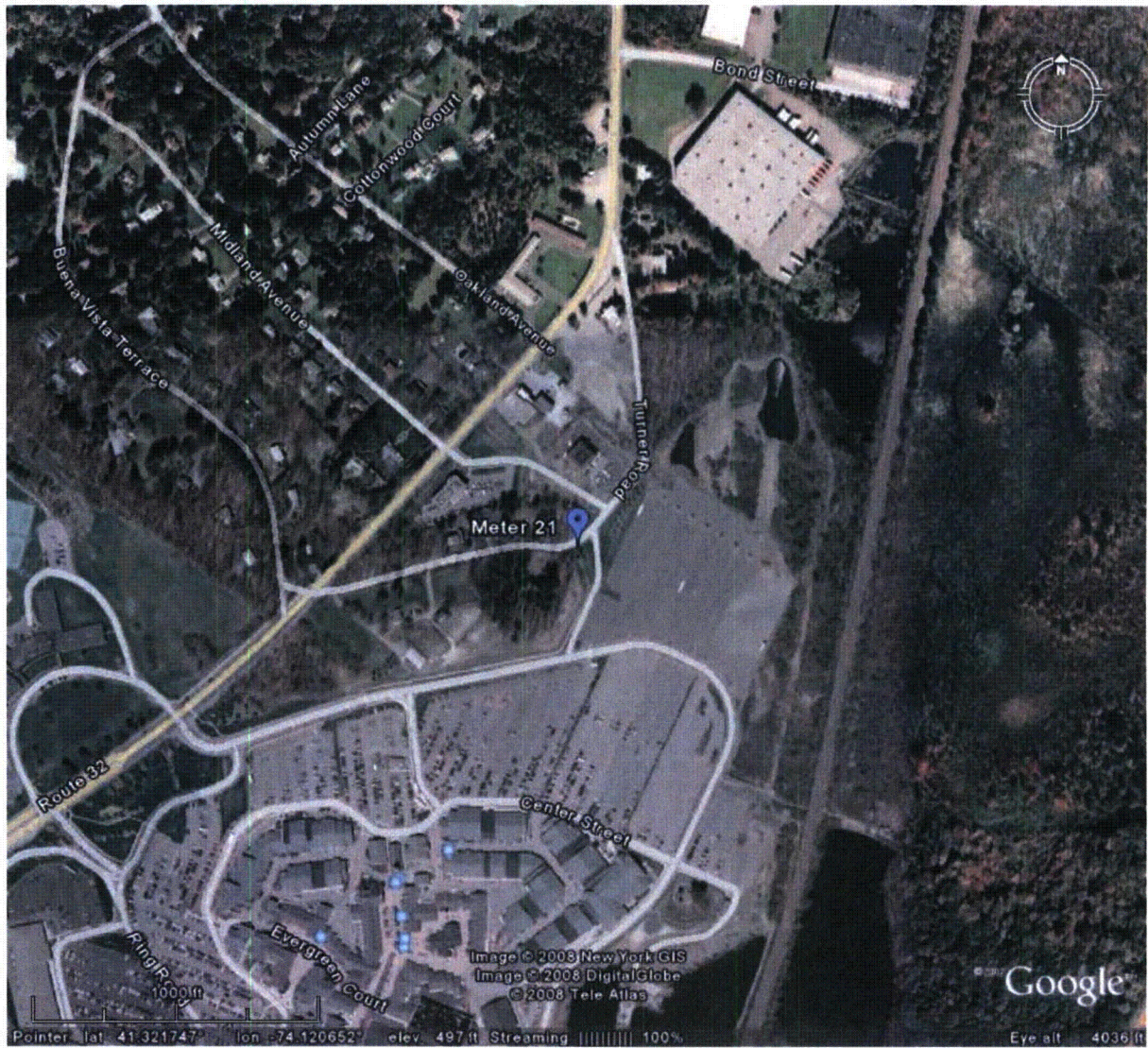


Figure 164. Weather Plots for Meter 21, April 15, 2008



**Meter 21, April 16, 2008**



**Figure 165.** Aerial Photograph of Meter 21 Location, April 16, 2008.



SITE #21

**Indian Point Siren Test Data Sheet**

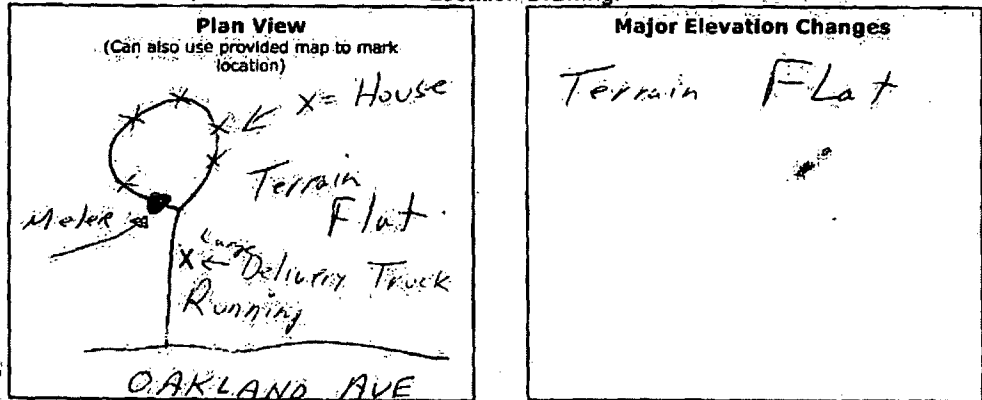
To be filled in by the EOF by support staff

Date: 04/16/08 Time: \_\_\_\_\_ S69928  
 SLM Model: 824 SLM Serial Number: 3038 WEATHER  
 Tester's Name: MSI Ken Finucan  
 GPS Coordinates: \_\_\_\_\_ West \_\_\_\_\_ North  
 Checked Battery?  Yes No 108%  
 Checked Clock?  Yes No  
 Memory Checked?  Yes No  
 Calibration level before test: 94.0 dBC  
 30 second calibration tone recorded before test?  Yes No  
 Calibration level after test: 140 dBC  
 30 second calibration tone recorded after test?  Yes No  
 Calibrator Model: B&K 4231 Calibrator SN: ZS75552

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 SLM | WEATHER

To be filled in by the field crew at the site

Location Drawing:



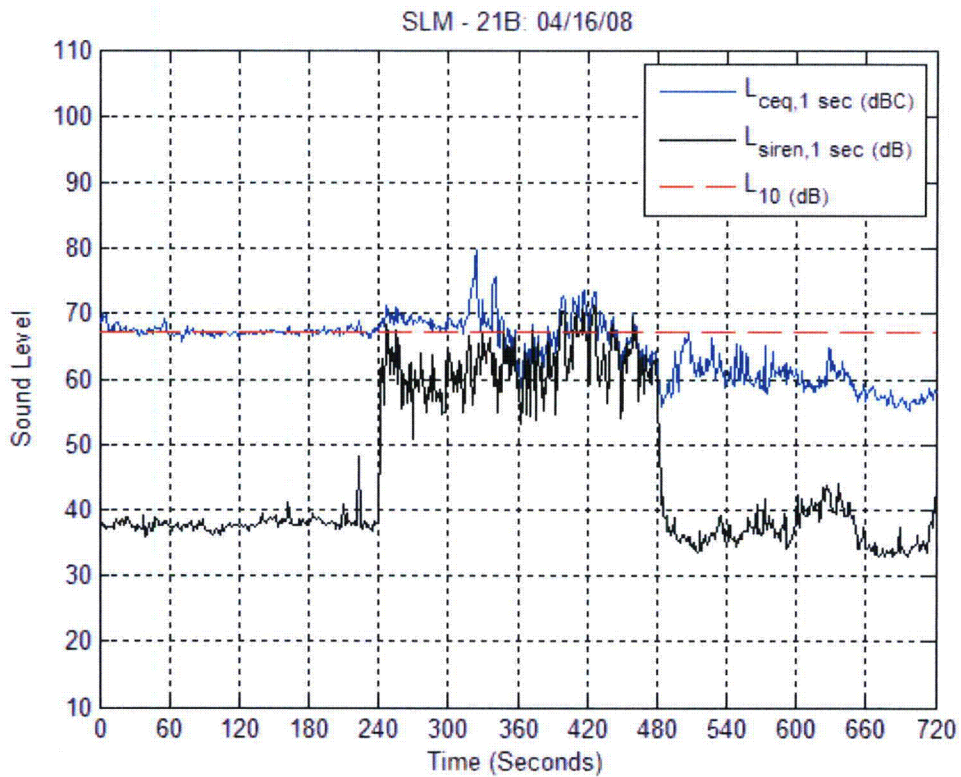
in hand level  
 11.5' above  
 1 mile  
 1 mile

Measurement Location description: Culdesac - Cottonwood CT.  
 Microphone height: 5' 0" ft.  
 Photos Taken?  Yes No  
 Meter Recording?  Yes No  
 Weather Station on and wind cover removed?  Yes No  
 Ambient noise level before test: 67.0 dBC  
 Maximum level observed during the test: 79\* dBC  
 Could you hear the sirens?  Yes No  
 Ambient noise level after test: 58.0 - 60.2 dBC  
 Wind Dir: 159 deg.  
 Wind Spd: 0.0 mph  
 Temp: 64.5 °F

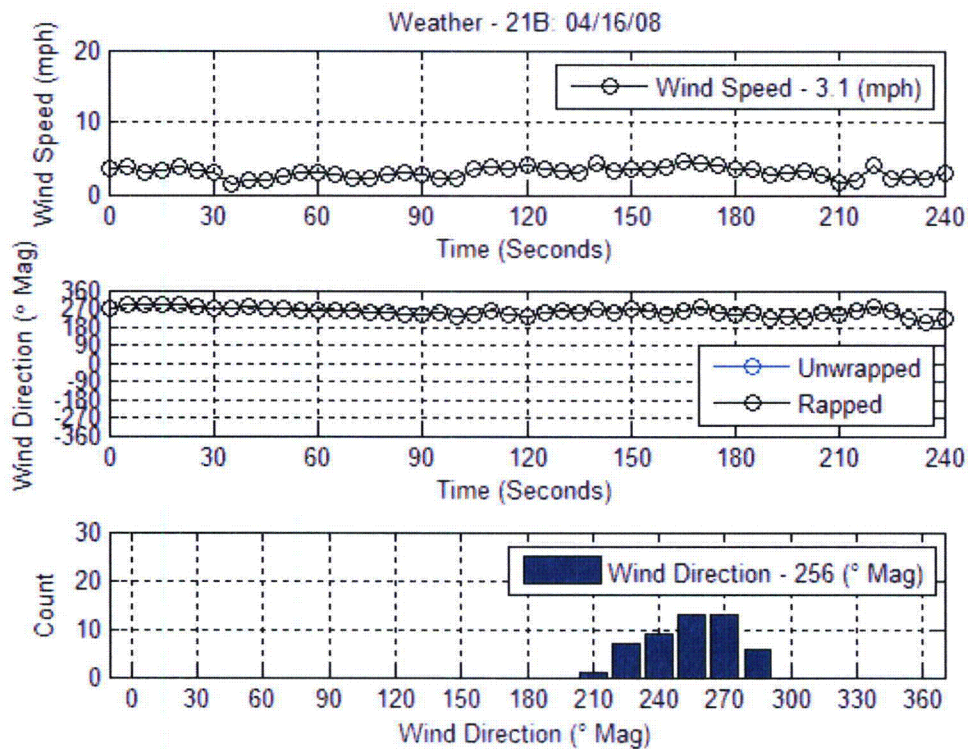
Meter @ 10:21  
 Delivery Truck was  
 Running ~ 100' from  
 Meter

Notes about test (including background noise and noise intrusions during the test):  
 When Meter is started, a delivery truck was 2 houses away.  
 Rock just arrived in meter area. Started to LAIE TO OVER  
 Tester's Signature: Ken Finucan

Figure 166. Data Sheet for Meter 21, April 16, 2008



**Figure 167.** Time History Plot for Meter 21, April 16, 2008



**Figure 168.** Weather Plots for Meter 21, April 16, 2008



**Meter 22, April 15, 2008**



**Figure 169.** Aerial Photograph of Meter 22 Location, April 15, 2008.

**Indian Point Siren Test Data Sheet**

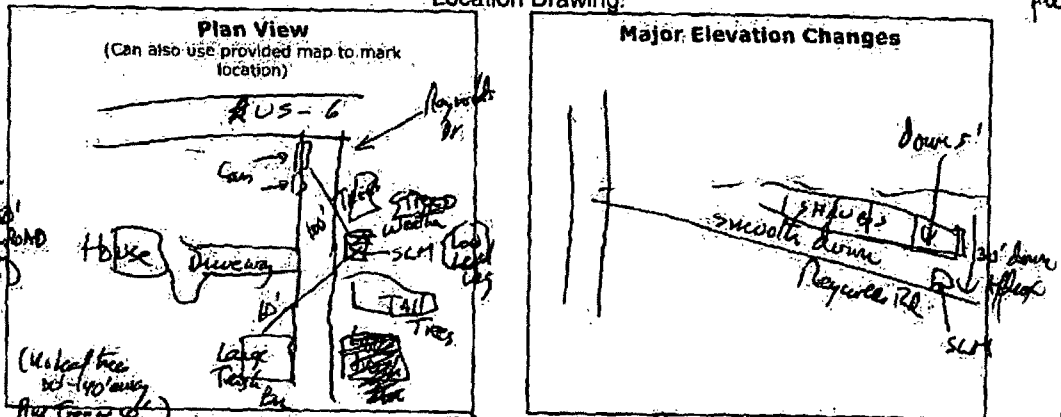
Date: 4/15/08 Time: \_\_\_\_\_  
 SLM Model: 831 SLM Serial Number: 1353/Weather 570143  
 Tester's Name: MSI  
 GPS Coordinates: 74° 5' 24" West 41° 4' 13" North  
 Checked Battery?  Yes  No  
 Checked Clock?  Yes  No  
 Memory Checked?  Yes  No  
 Calibration level before test: 94.0 dBC  
 30 second calibration tone recorded before test?  Yes  No  
 Calibration level after test: 94.0 dBC  
 30 second calibration tone recorded after test?  Yes  No  
 Calibrator Model: BK 4231 Calibrator SN: 2575552

**SITE # 22**

DOWNLOADED  
 SLM / WEATHER

To be filled in by the field crew at the site

**Location Drawing:**



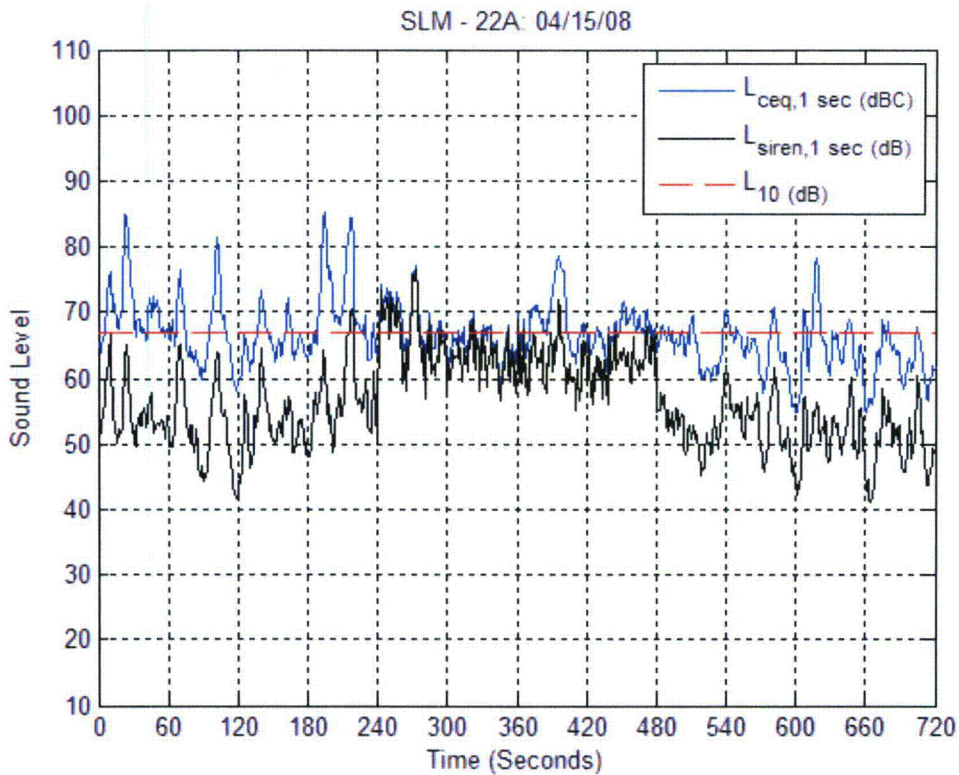
Measurement Location description: off Laydell, off US-6 via Driveway  
 Microphone height: 5 ft  
 Photos Taken?  Yes  No Before, DID NOT AFTER  
 Meter Recording?  Yes  No  
 Weather Station on and wind cover removed?  Yes  No  
 Ambient noise level before test: 60-65-72 dBC 80 when truck went by  
 Maximum level observed during the test: 68.5 dBC 78 Truck  
 Could you hear the sirens?  Yes  No  
 Ambient noise level after test: 60-65-71 dBC (55+ traffic)  
 Notes about test (including background noise and noise intrusions during the test):  
Lots of Noise From Rd. Traffic on US-6  
 Tester's Signature: Robert Bred

Wind Dir: NW 317° deg. Test W 260°  
 Wind Spd: 1-3.3 mph 2 MPH  
 Temp: 43-45 °F 46.3°

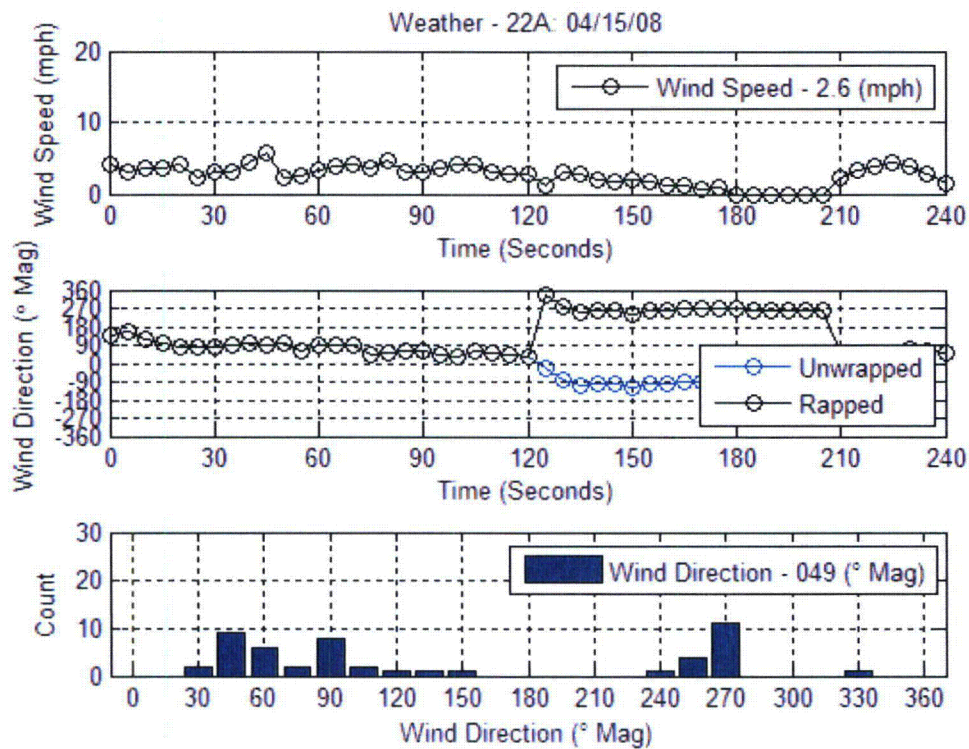
10:31:20  
 Low fog  
 10:55 Police Car  
 10:56 on  
 OFF 10:49 AM

Figure 170. Data Sheet for Meter 22, April 15, 2008





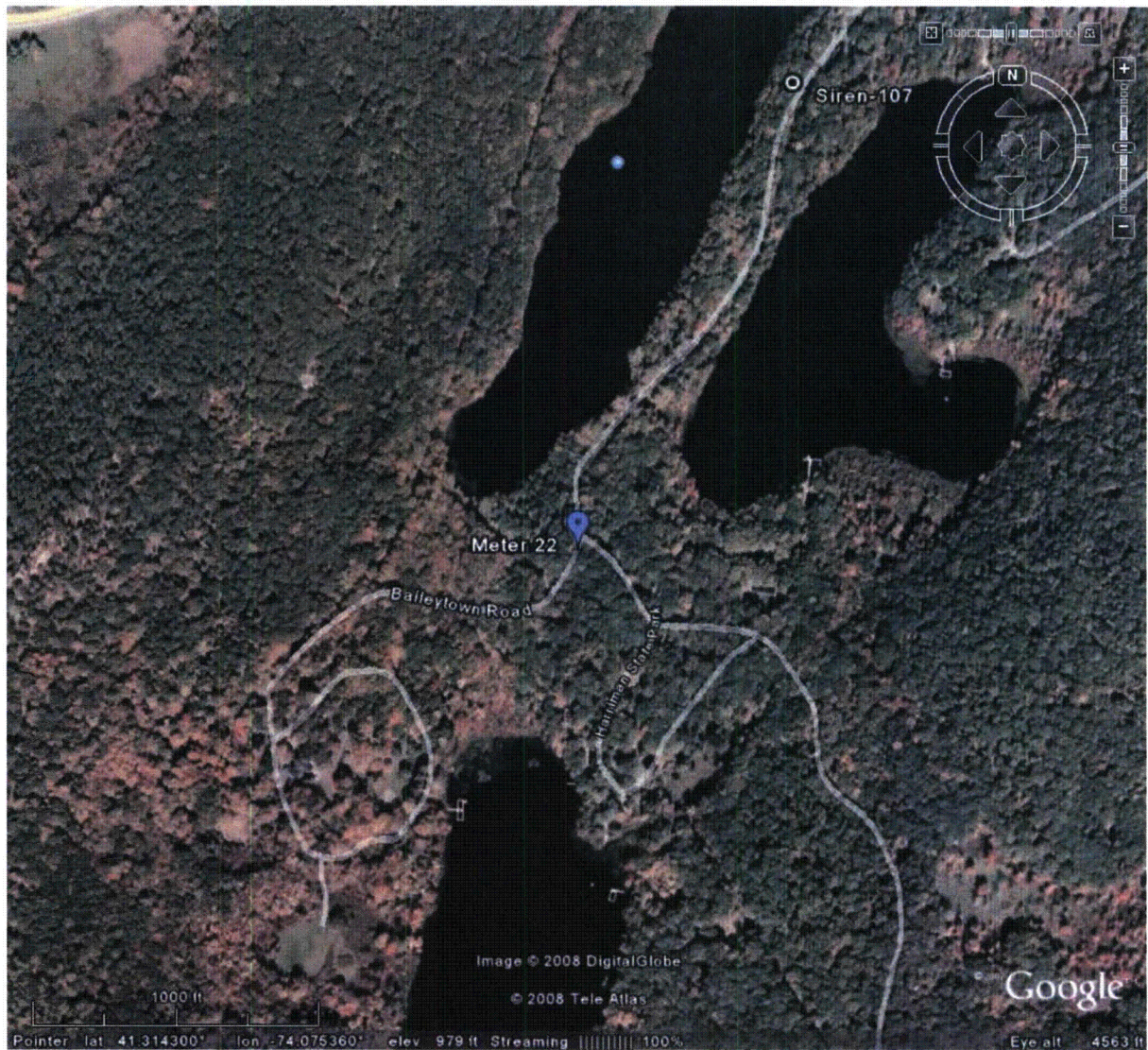
**Figure 171.** Time History Plot for Meter 22, April 15, 2008



**Figure 172.** Weather Plots for Meter 22, April 15, 2008



**Meter 22, April 16, 2008**



**Figure 173.** Aerial Photograph of Meter 22 Location, April 16, 2008.



SITE #22

### Indian Point Siren Test Data Sheet

To be filled in by at the EOF by support staff

Date: 04/16/08 Time: 5:01:43  
 SLM Model: 831 SLM Serial Number: 1353 WEATHER  
 Tester's Name: MSJ

GPS Coordinates: \_\_\_\_\_ West \_\_\_\_\_ North

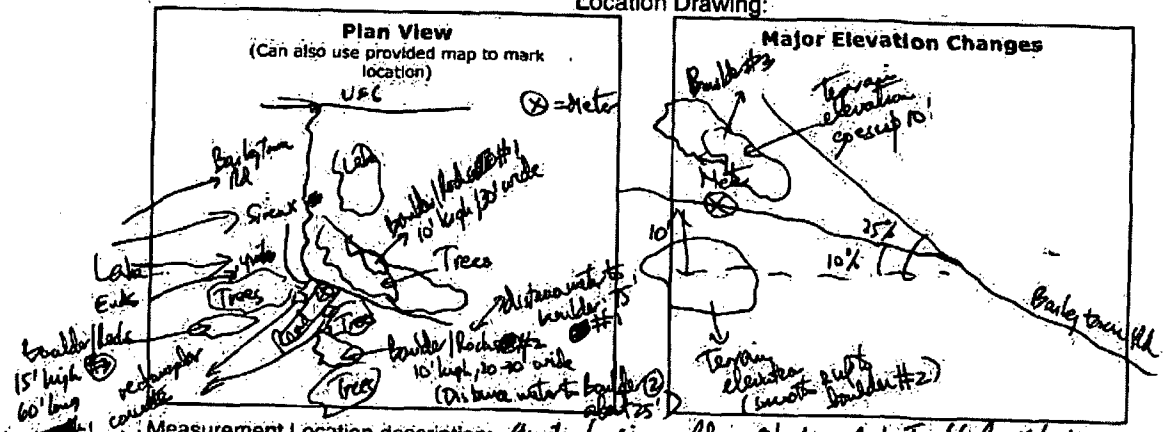
Checked Battery?  Yes No 106.0%  
 Checked Clock?  Yes No  
 Memory Checked?  Yes No

Calibration level before test: 94.0 dBC  
 30 second calibration tone recorded before test?  Yes No  
 Calibration level after test: \_\_\_\_\_ dBC  
 30 second calibration tone recorded after test? Yes No  
 Calibrator Model: B&K 4231 Calibrator SN: 2575552

DOWNLOADED  
 SLM ✓ WEATHER ✓

To be filled in by the field crew at the site

#### Location Drawing:



Measurement Location description: 4 meters from siren rd, east of house, by Tumble log, Lab/House, on

Microphone height: 5'1" ft.  
 Photos Taken?  Yes No  
 Meter Recording?  Yes No  
 Weather Station on and wind cover removed?  Yes No

Ambient noise level before test: 44.3 - 48.3 dBC  
 Maximum level observed during the test: 91.5 dBC  
 Could you hear the sirens?  Yes No  
 Ambient noise level after test: 46.2 - 50.3 dBC

Notes about test (including background noise and noise intrusions during the test):  
lots of bugs all the time  
Thunder off to 15:00

Tester's Signature: [Signature]

Figure 174. Data Sheet for Meter 22, April 16, 2008

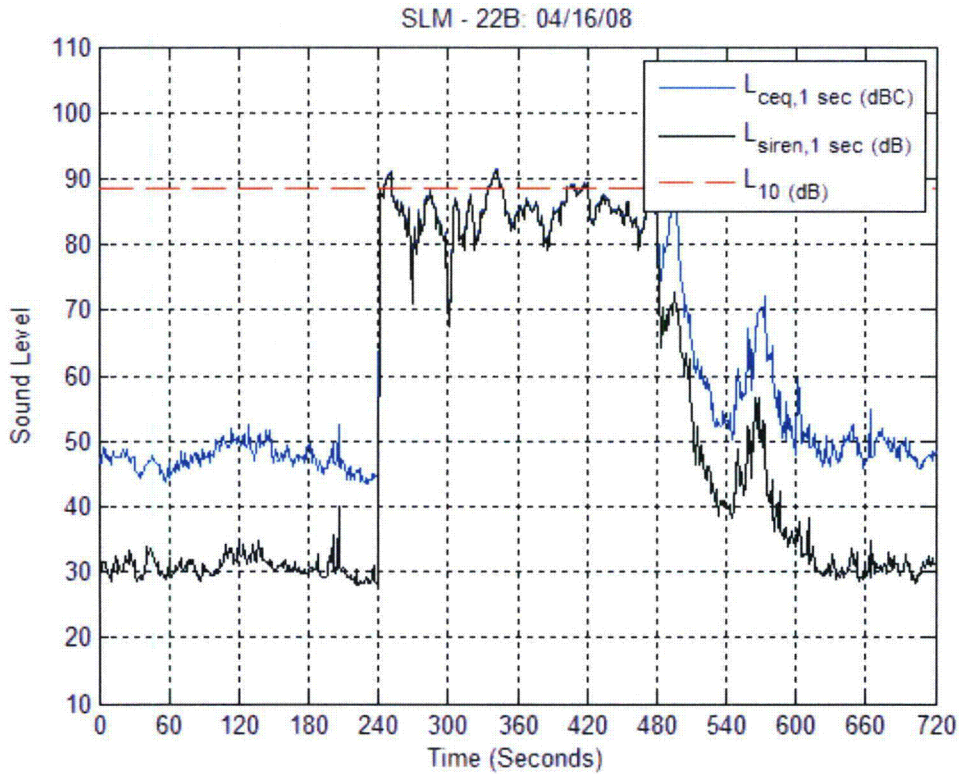


Figure 175. Time History Plot for Meter 22, April 16, 2008

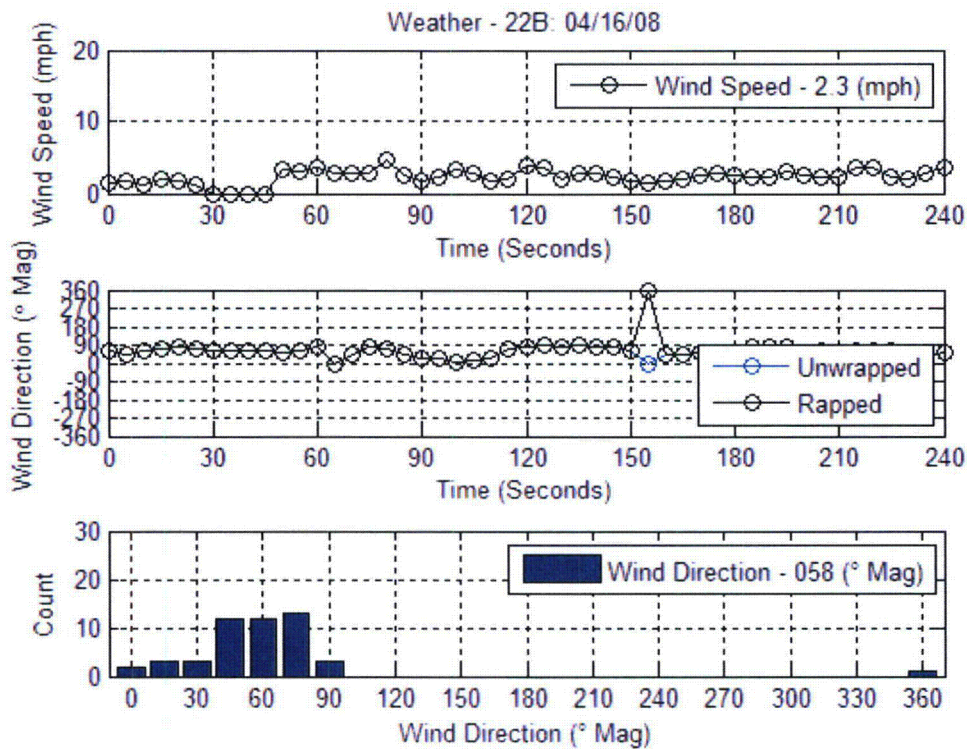


Figure 176. Weather Plots for Meter 22, April 16, 2008



**Meter 23, April 15, 2008**



**Figure 177.** Aerial Photograph of Meter 23 Location, April 15, 2008.

# 23

**Indian Point Siren Test Data Sheet**

-----To be filled in by the support staff-----  
 Date: 4/15/08 Time: \_\_\_\_\_  
 SLM Model: 931 SLM Serial Number: 1497 / weather 969900  
 Tester's Name: MJ  
 GPS Coordinates: \_\_\_\_\_ West \_\_\_\_\_ North  
 Checked Battery?  Yes No  
 Checked Clock?  Yes No  
 Memory Checked?  Yes No  
 Calibration level before test: 94.0 dBC  
 30 second calibration tone recorded before test?  Yes No  
 Calibration level after test: 94.0 dBC  
 30 second calibration tone recorded after test?  Yes No  
 Calibrator Model: B+K 4231 Calibrator SN: 2575552

DOWNLOADED  
 SLM.V I.WEATHER ✓

-----To be filled in by the field crew at the site-----

**Location Drawing:**

<p><b>Plan View</b>                  (Can also use provided map to mark location)</p> <p>Unknown location                  - near original spot</p>	<p><b>Major Elevation Changes</b></p>
---	---------------------------------------

Measurement Location description: \_\_\_\_\_

Microphone height: 5 ft. Wind Dir: 133° deg. SE  
 Photos Taken?  Yes No Wind Spd: 1.8 mph  
 Meter Recording?  Yes No Temp: 49.2 °F  
 Weather Station on and wind cover removed?  Yes No  
 Ambient noise level before test: 54.7 dBC  
 Maximum level observed during the test: 73.0 dBC  
 Could you hear the sirens?  Yes No  
 Ambient noise level after test: 54.8 dBC

Notes about test (including background noise and noise intrusions during the test):  
 \_\_\_\_\_  
 Tester's Signature: [Signature]

**Figure 178.** Data Sheet for Meter 23, April 15, 2008



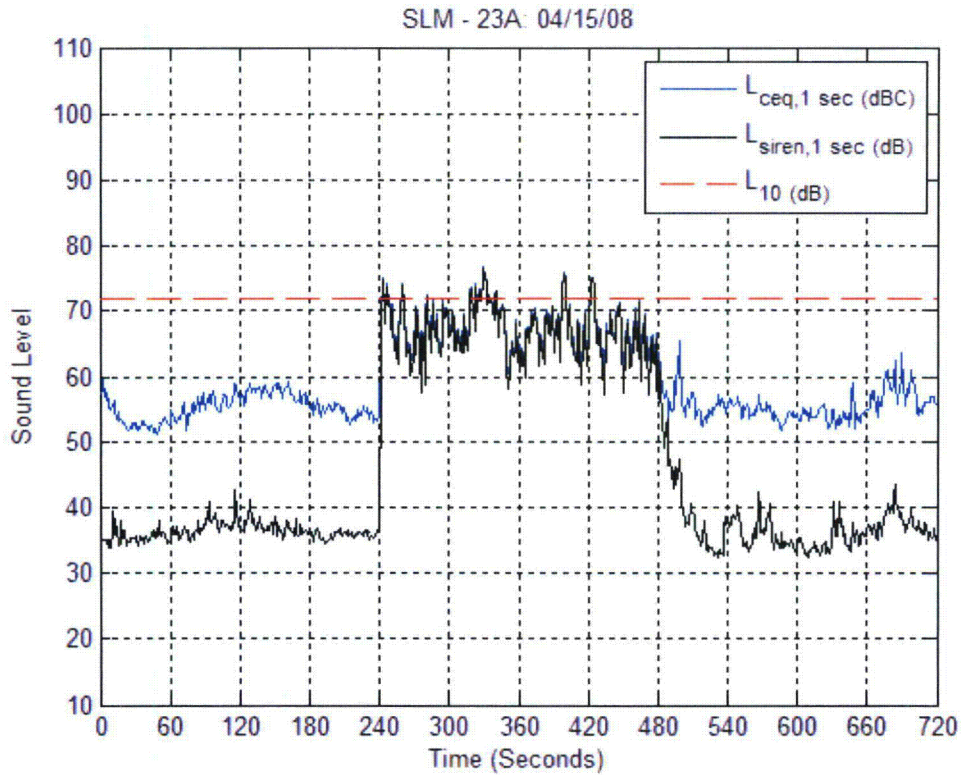


Figure 179. Time History Plot for Meter 23, April 15, 2008

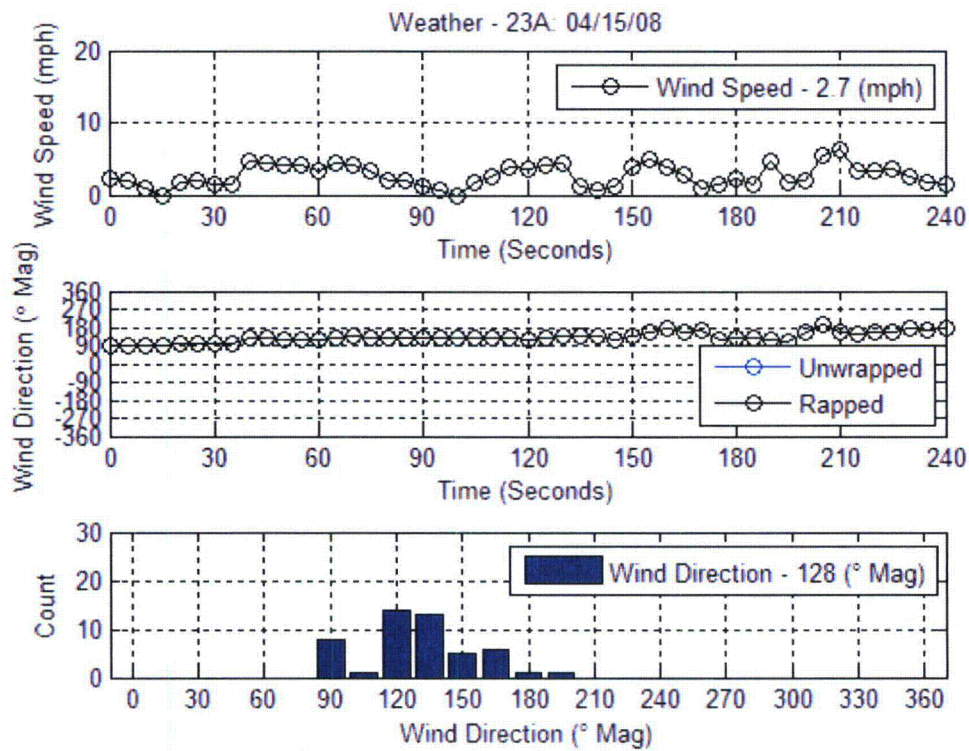


Figure 180. Weather Plots for Meter 23, April 15, 2008



**Meter 23, April 16, 2008**



**Figure 181.** Aerial Photograph of Meter 23 Location, April 16, 2008.



SITE # 23

### Indian Point Siren Test Data Sheet

-----To be filled in be at the EOF by support staff-----

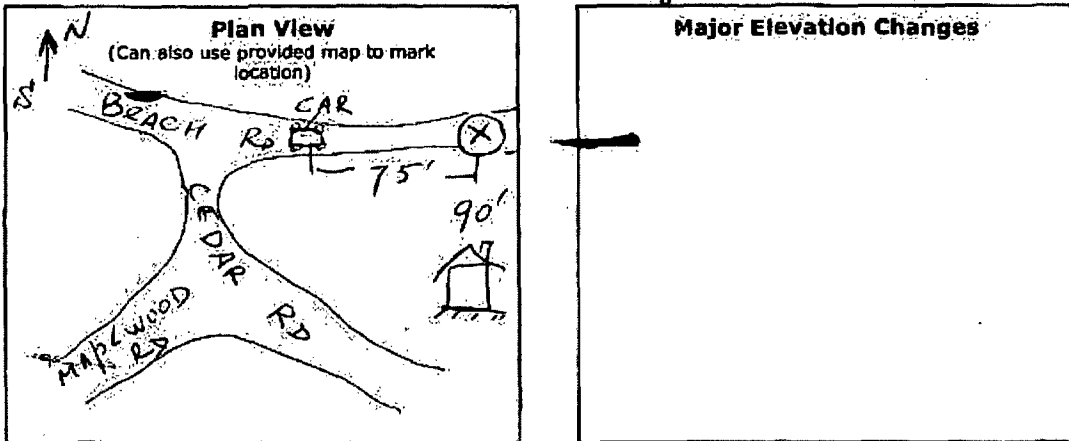
Date: 04/16/08 Time: 5:09:00  
 SLM Model: 831 SLM Serial Number: 1497 ✓ WEATHER  
 Tester's Name: M.S.

GPS Coordinates: \_\_\_\_\_ West \_\_\_\_\_ North  
 Checked Battery?  Yes No 105.9%  
 Checked Clock?  Yes No  
 Memory Checked?  Yes No  
 Calibration level before test: 94.0 dBC  
 30 second calibration tone recorded before test?  Yes No  
 Calibration level after test: 93.9 dBC  
 30 second calibration tone recorded after test?  Yes No  
 Calibrator Model: B&K 4231 Calibrator SN: 2575552

DOWNLOADED  
 SLM ✓ WEATHER ✓

-----To be filled in be by the field crew at the site-----

#### Location Drawing:



Measurement Location description:  
 Microphone height: 5 ft. Wind Dir: 130 deg. SE  
 Photos Taken?  Yes No Wind Spd: 1.6 mph  
 Meter Recording?  Yes No Temp: 60.2 °F  
 Weather Station on and wind cover removed?  Yes No  
 Ambient noise level before test: 52.7 dBC  
 Maximum level observed during the test: 72.2 dBC  
 Could you hear the sirens?  Yes No  
 Ambient noise level after test: 54.6 dBC  
 Notes about test (including background noise and noise intrusions during the test):  
10:35 AM - Helicopter  
 Tester's Signature: \_\_\_\_\_

**Figure 182.** Data Sheet for Meter 23, April 16, 2008

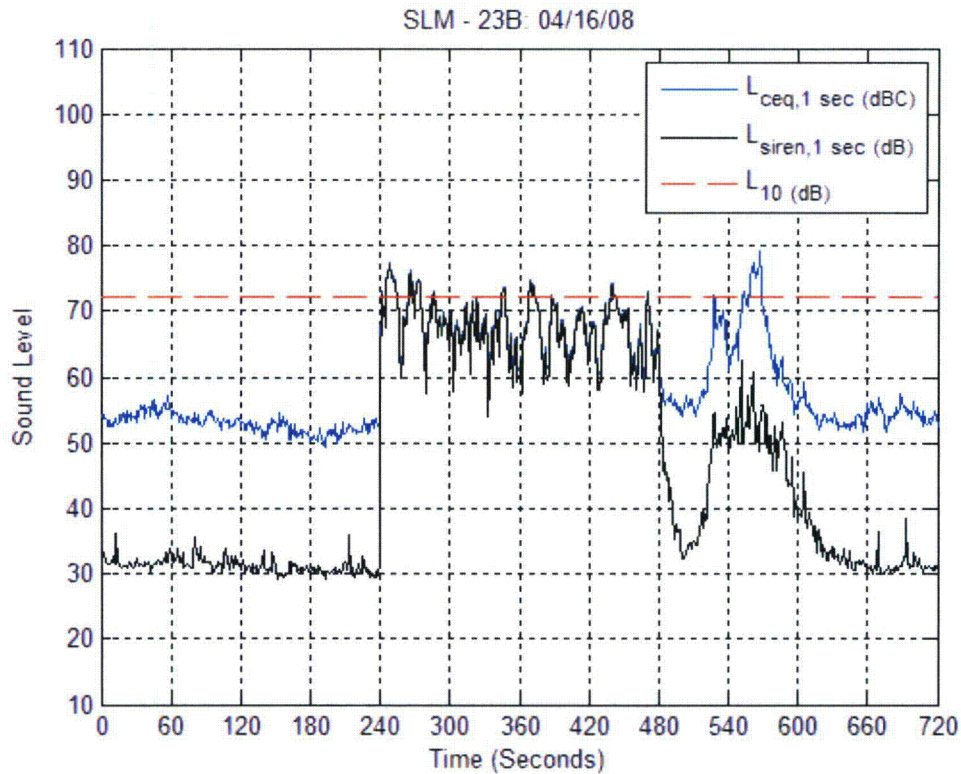


Figure 183. Time History Plot for Meter 23, April 16, 2008

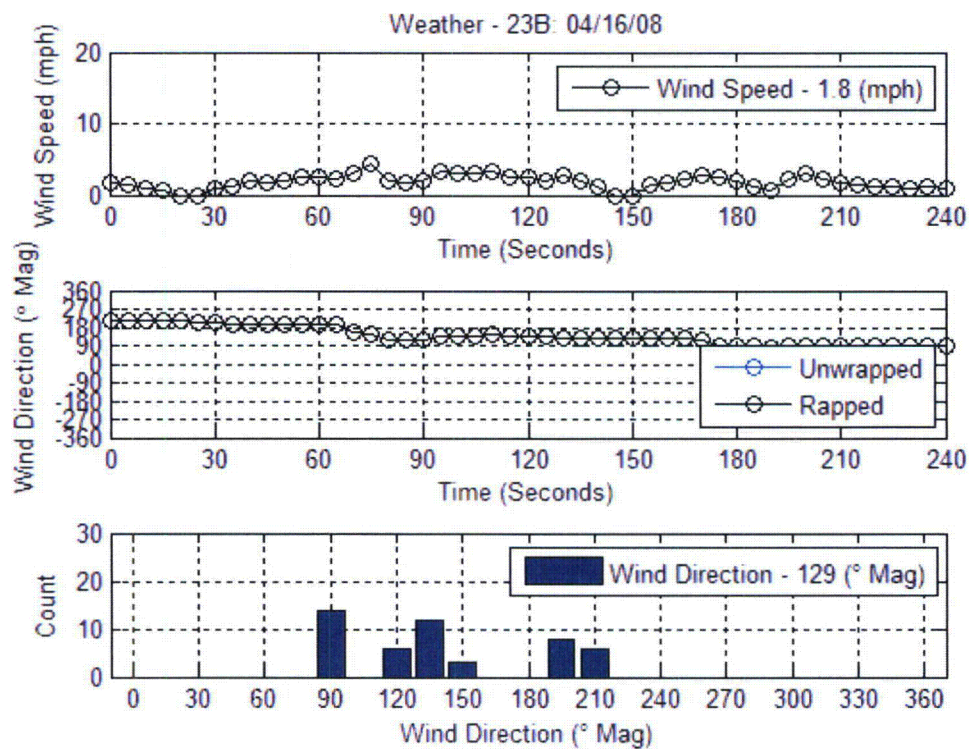
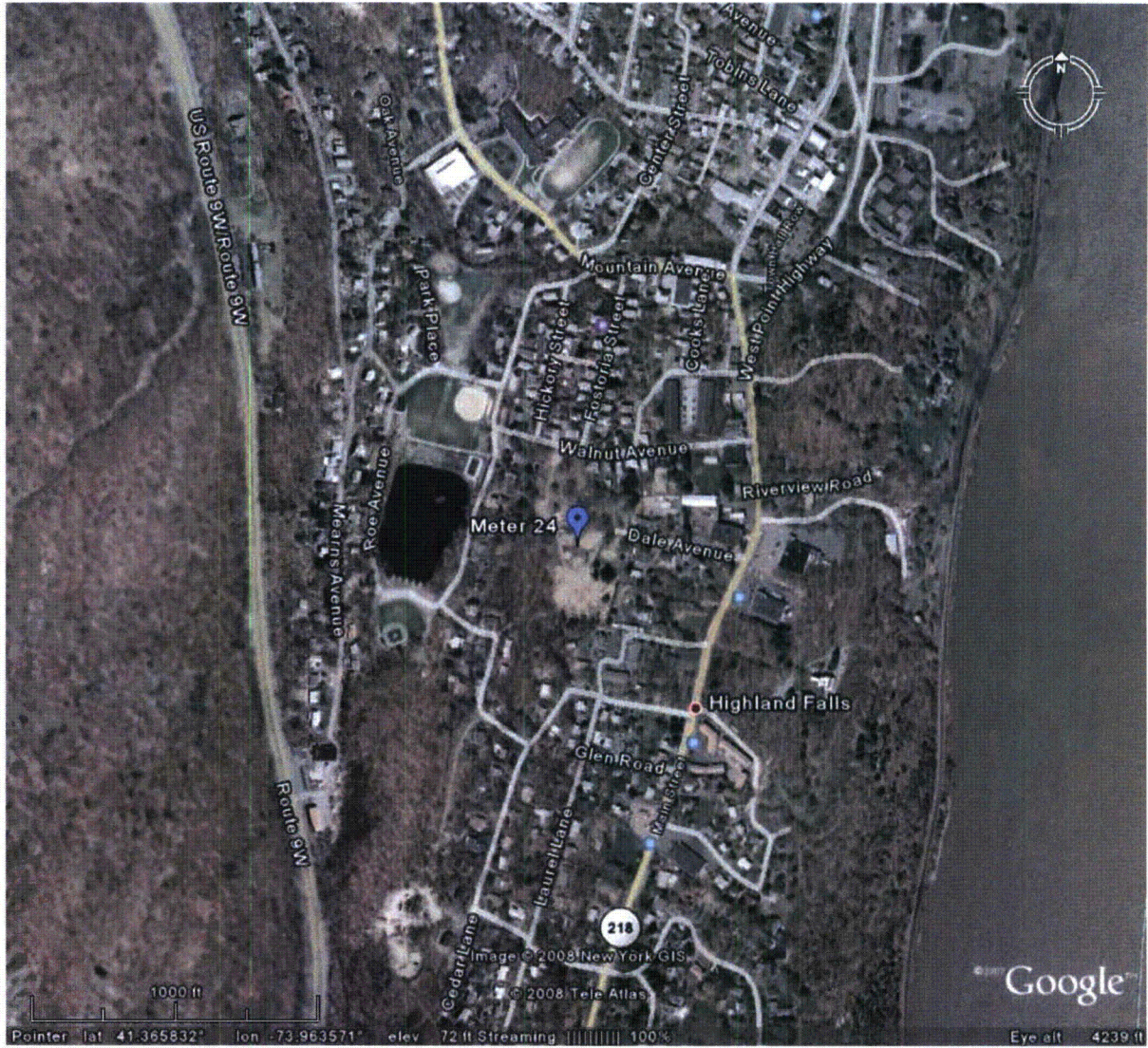


Figure 184. Weather Plots for Meter 23, April 16, 2008



**Meter 24, April 15, 2008**



**Figure 185.** Aerial Photograph of Meter 24 Location, April 15, 2008.

Site # 04

**Indian Point Siren Test Data Sheet**

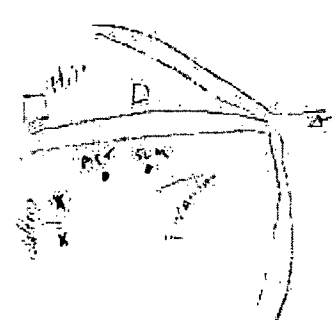
-----To be filled in by the support staff-----

Date: 4/15/08 Time: \_\_\_\_\_  
 SLM Model: 831 SLM Serial Number: 0001996 / weather 570066  
 Tester's Name: MJ  
 GPS Coordinates: 73° 58' 7" West 41° 21' 59" North  
 Checked Battery?  Yes No  
 Checked Clock?  Yes No  
 Memory Checked?  Yes No  
 Calibration level before test: 94.0 dBC  
 30 second calibration tone recorded before test?  Yes No  
 Calibration level after test: 94.0 dBC  
 30 second calibration tone recorded after test?  Yes No  
 Calibrator Model: B&K 4231 Calibrator SN: 2575552

DOWNLOADED  
 SLM / WEATHER ✓

-----To be filled in by the field crew at the site-----

**Location Drawing:**

<p><b>Plan View</b>                  (Can also use provided map to mark location)</p> 	<p><b>Major Elevation Changes</b></p> <p>Plot to the right of                  to the left</p> <p>met</p> <p>2 SLM 10' tall</p> <p>4' tall</p>
---	--

Measurement Location description: Western Skidway & generator building

Microphone height: 5 ft. Wind Dir: 330 deg. @ 10:05  
 Photos Taken?  Yes No Wind Spd: 5.3 mph  
 Meter Recording?  Yes No @ 10:18 Temp: 48.9 °F  
 Weather Station on and wind cover removed?  Yes No  
 Ambient noise level before test: 58 dBC  
 Maximum level observed during the test: 81.6 dBC @ 2 minutes  
 Could you hear the sirens?  Yes No  
 Ambient noise level after test: 58 dBC

Notes about test (including background noise and noise intrusions during the test):  
 Some background noise from the building, along with a pile in the background. Helicopters at 10:23  
 and 10:24. Helicopters at 10:25 and 10:26. Helicopters at 10:27 and 10:28.

Tester's Signature: Rebecca A. Martin 4/15/08

Figure 186. Data Sheet for Meter 24, April 15, 2008



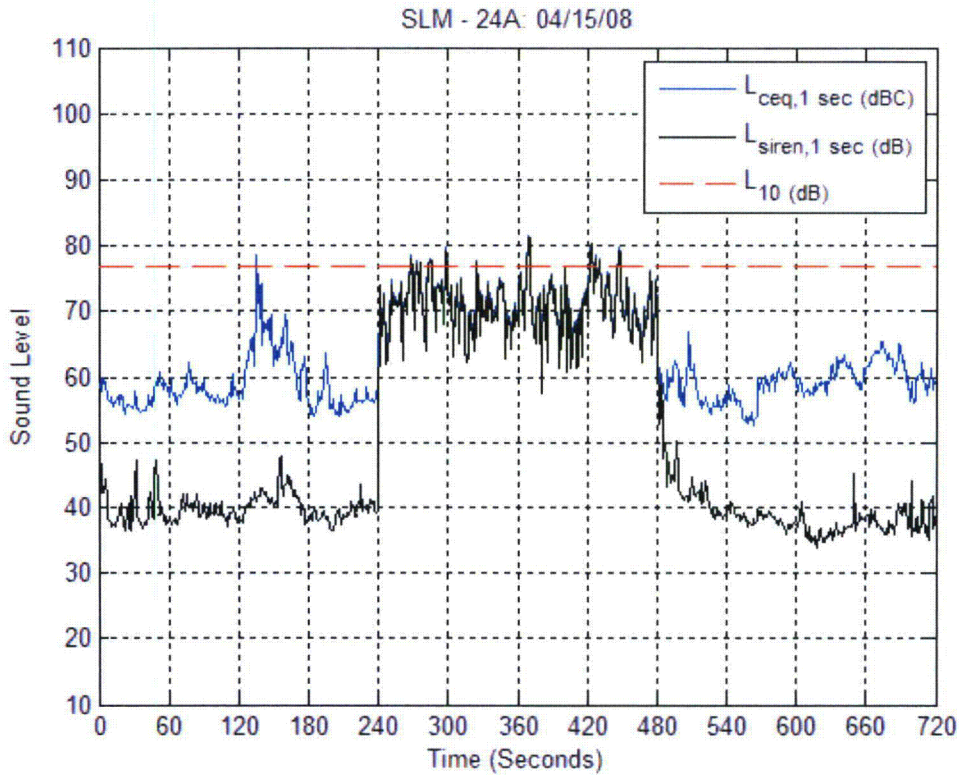


Figure 187. Time History Plot for Meter 24, April 15, 2008

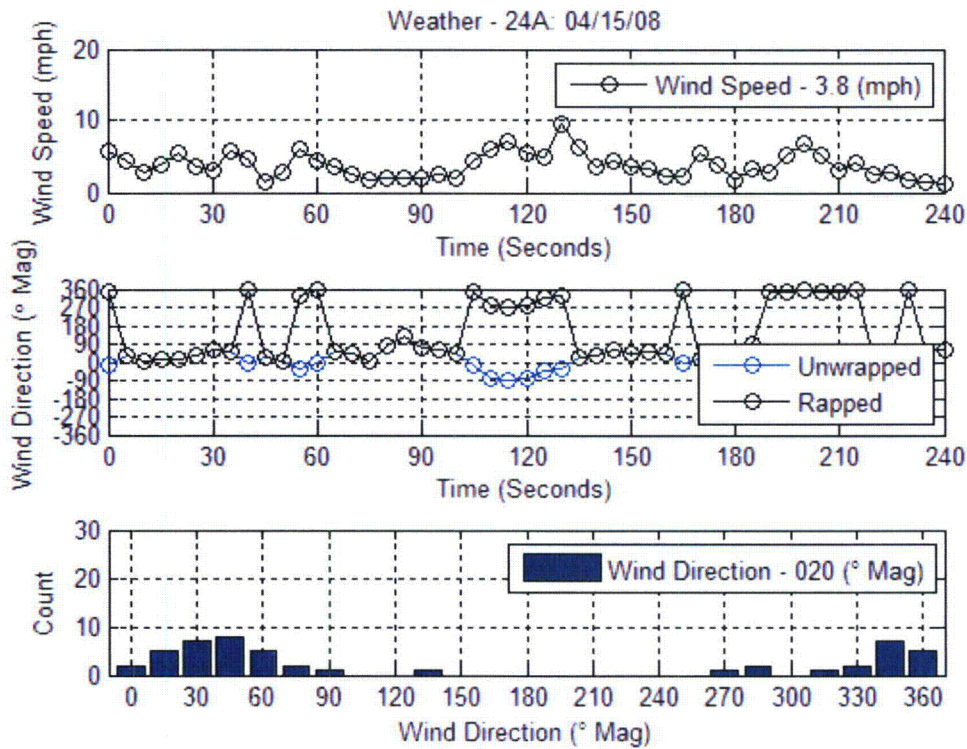
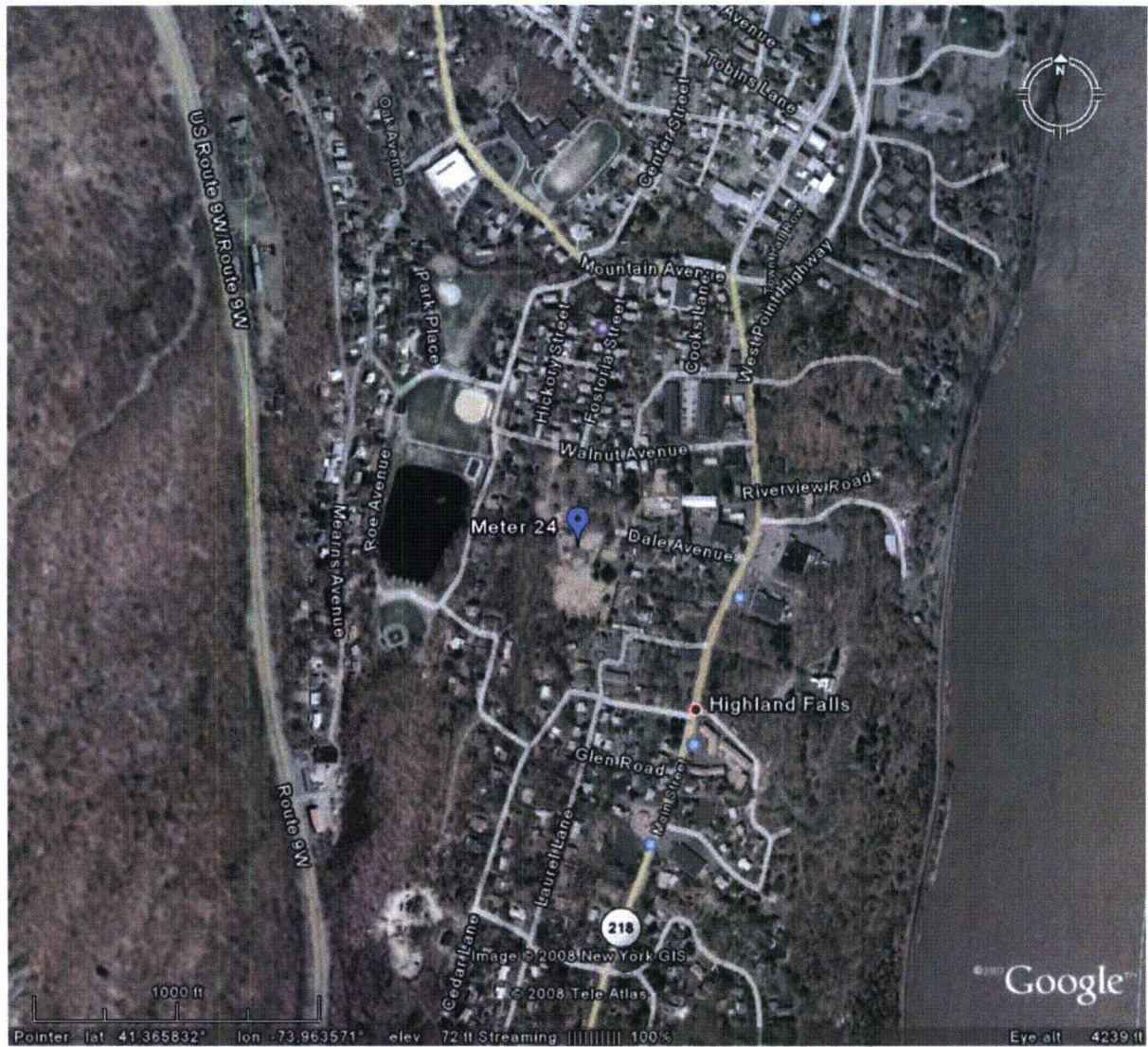


Figure 188. Weather Plots for Meter 24, April 15, 2008



**Meter 24, April 16, 2008**



**Figure 189.** Aerial Photograph of Meter 24 Location, April 16, 2008.



SITE #24

### Indian Point Siren Test Data Sheet

-----To be filled in be at the EOF by support staff-----

Date: 04/16/08 Time: \_\_\_\_\_ S70066  
 SLM Model: 831 SLM Serial Number: 1496 ~~WEATHER~~  
 Tester's Name: MS

GPS Coordinates: \_\_\_\_\_ West \_\_\_\_\_ North

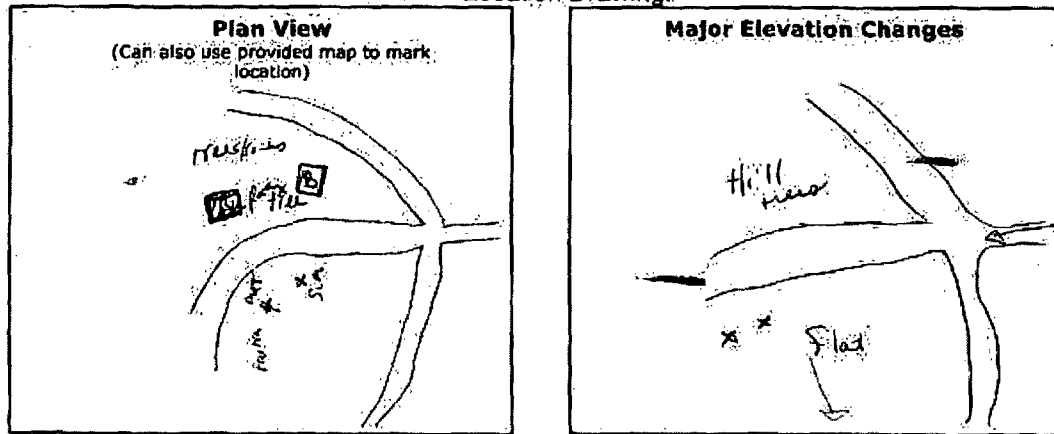
Checked Battery?  Yes No 106.0%  
 Checked Clock?  Yes No  
 Memory Checked?  Yes No

Calibration level before test: 94.0 dBC  
 30 second calibration tone recorded before test?  Yes No  
 Calibration level after test: 94.0 dBC  
 30 second calibration tone recorded after test?  Yes No  
 Calibrator Model: BTK 4231 Calibrator SN: 257555Z

DOWNLOADED  
 SLM ✓ WEATHER ✓

-----To be filled in be by the field crew at the site-----

#### Location Drawing:



Measurement Location description: at corner of Grazing rd in between Joleans/Brazins grassy area

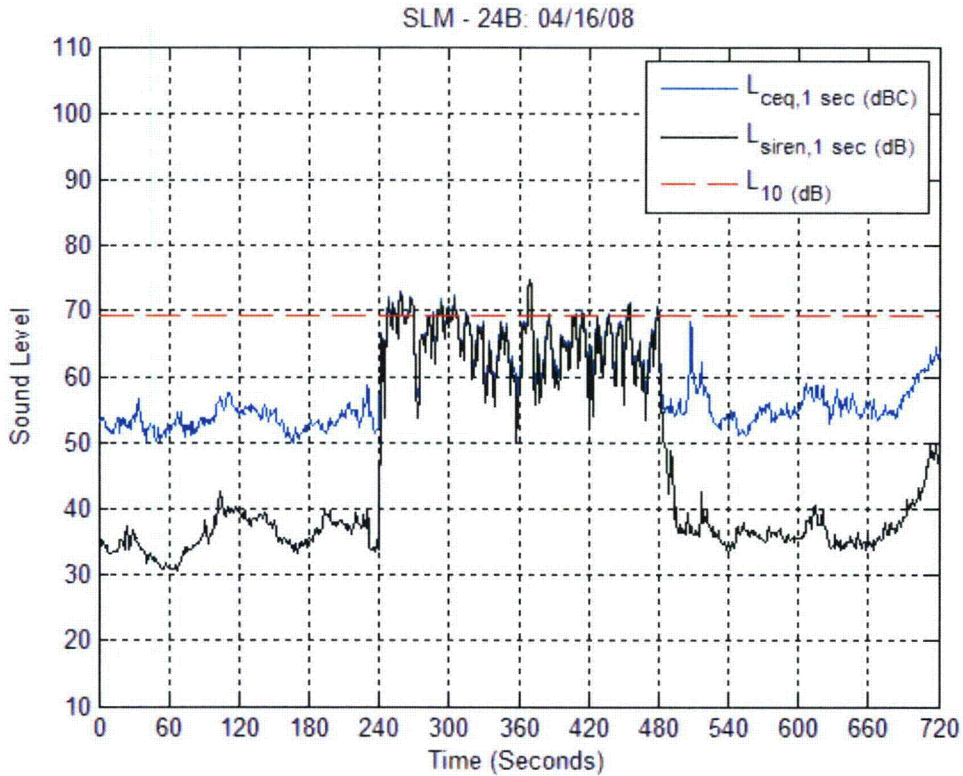
Microphone height: 5 ft. Wind Dir: 102 deg. @ 1015  
 Photos Taken?  Yes No Wind Spd: 14 mph  
 Meter Recording?  Yes No Temp: 58 °F  
 Weather Station on and wind cover removed?  Yes No

Ambient noise level before test: ~53 dBC  
 Maximum level observed during the test: 74.9 dBC  
 Could you hear the sirens?  Yes No  
 Ambient noise level after test: ~53 dBC

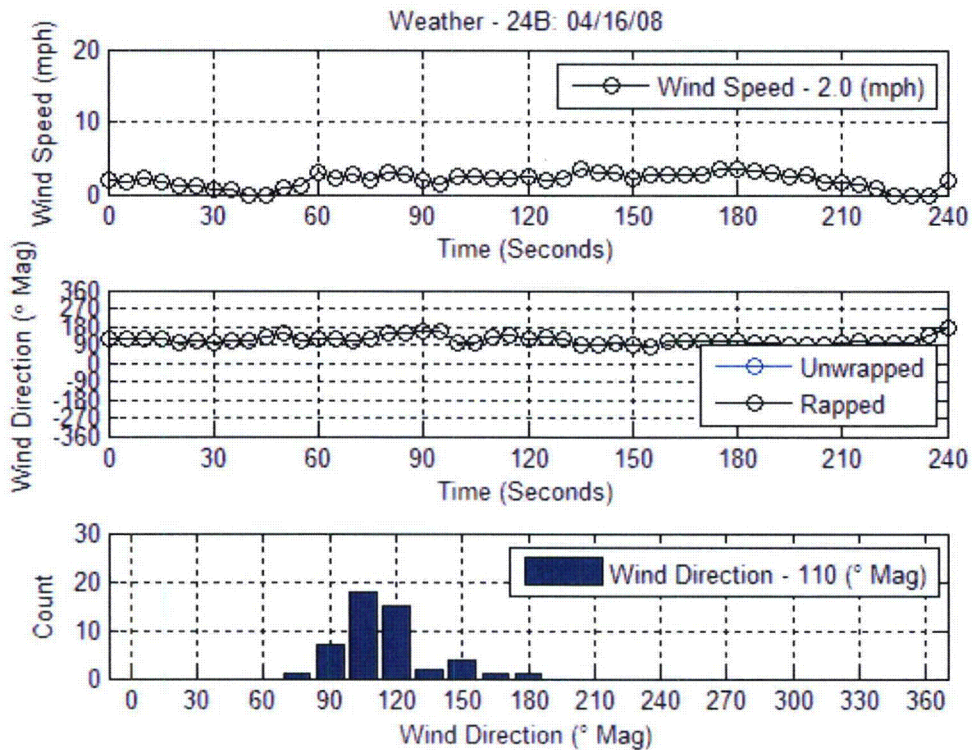
Notes about test (including background noise and noise intrusions during the test):  
Birds, 11028 - vacuum??  
1020 - train tracks west by  
1358 - airplane  
1440 - vacuum??

Tester's Signature: Rebecca A. Martin

**Figure 190.** Data Sheet for Meter 24, April 16, 2008



**Figure 191.** Time History Plot for Meter 24, April 16, 2008



**Figure 192.** Weather Plots for Meter 24, April 16, 2008





**APPENDIX A**  
TEST PROCEDURES FOR  
MEASURING THE ACOUSTICAL OUTPUT OF  
A FULL SYSTEM TEST  
FOR THE INDIAN POINT ENERGY CENTER

**1. Overview:**

The purpose of this measurement protocol is to collect acoustical data using hand-held sound level meters to characterize the sound produced from a full scale siren system test

**2. Points of Contact:**

Mike Miele, Indian Point Energy Center - (917) 885-5235

Bruce Ikelheimer, Blue Ridge Research - (703) 403-9842

**3. Test Schedule and Procedure:**

Testing will begin at 10:30 AM. Please plan on arriving at your location at least 45 minutes before the test to ensure that you have time to find the spot and park your car and set up the equipment. Each measurement location has been selected so that they are fairly far from any siren, so the sound level should not be excessive. No hearing protection will be needed. In addition, each tester will be required to completely fill in the lower half of their data sheets, starting with the drawings.

Once you arrive at your location please call into the EOF at number XXX-XXX-XXXX. At your location you should find a good level spot away from any major vertical surfaces such as walls, large boulders, or even cars. The requirement is to be at least 50 feet from any such objects, and farther is better. Once the exact location has been selected, set up the two tripods a few feet apart. Then carefully mount both the Sound Level Meter (SLM) and the weather station to the tripods. For the weather station, please follow the instructions attached for assembling and mounting the weather vane and weather station.

The microphone of the SLM should be 5 feet above the ground (mark the actual meter height on your data sheet). Use the tape measure to make sure that the height of the microphone is correct. The weather station should be mounted as high as the tripod will normally reach. Make sure that the weather station is level by adjusting the tripod such that the spirit level is centered. Again, refer to the attached mounting instructions. Once the weather station is properly set up make sure to open the impeller cover so that the system can collect wind speed data. Finally, please snap at least three pictures showing the measurement set-up in relation to the things around it from different vantage points.

After the test equipment is set up, please take a few moments to draw the top-down plan view of your measurement location, including all building, vehicles, and walls within 300 feet. Make sure to note where the meter is in relation to these and all major roads. In addition, please provide a brief identifying description so that someone else could find this same spot again (assuming they were in the right general location). For example, '75 feet in front of #32 W. Walnut St.'



The measurement should be started at least 10 minutes before all of the sirens sound off, or at or before 10:20 AM. First, turn the weather station on and then turn on your SLM. After the meter has started up (which may take a few moments for some of the meters), start the meter recording data.

Before the siren sounding, please record on the data sheet what the main source of background noise is (such as traffic, a lawn mower or dogs barking), what the ambient noise level is, and the current wind speed, direction, and temperature.

During the test all cell phones should be turned off and please refrain from talking while the meter is recording data. During the measurement observe the SLM and keep note of the highest noise level recorded during the test. If this was caused by something other than the sirens (a barking dog for instance) please note that on the data sheet.

After the siren sounding if complete check and record the ambient noise level again. Please wait for a full 10 minutes after the sirens finish siren sounding before stopping the meters and turning them off (around 10:40 AM). Then please return the meter and weather station with the data sheet to the EOF to either Mr. Ikelheimer or Mr. Miele.










#### 4. Equipment:

There are two types of sound level meters that will be used in this test. The first is a Larson Davis model 831, and the other is a Larson Davis Models 824. All of the units have been fully assembled for you and you will only need to turn them on and start the measurement. A more detailed description of the meters and how to use them is listed below.


##### Larson Davis 831

To power on the model 831 meter, simply press the power key - . To start the meter recording data, simply press the RUN/STOP key, . To stop recording, press the STOP/STORE button, . To turn the unit off, press and hold the power button down until the unit turns off (2 - 3 seconds).

##### Larson Davis 824

To power on the meter, simply press the power key - . To start the meter recording data, simply press the RUN/STOP key, . To stop recording, simply press this key again. To turn the unit off, you must press and hold the power key for approximately 2 seconds, then release it.

##### Weather Station

To power on the meter, simply press the power key - . The unit will start recording data as soon as it is on. Once the measurement is complete, simply press and hold the power key until the unit turns off.

# Indian Point Siren Test Data Sheet

-----To be filled in be at the EOF by support staff-----

Date: \_\_\_\_\_ Time: \_\_\_\_\_

SLM Model: \_\_\_\_\_ SLM Serial Number: \_\_\_\_\_

Tester's Name: \_\_\_\_\_

GPS Coordinates: \_\_\_\_\_ West \_\_\_\_\_ North

Checked Battery? Yes No

Checked Clock? Yes No

Memory Checked? Yes No

Calibration level before test: \_\_\_\_\_ dBC

30 second calibration tone recorded before test? Yes No

Calibration level after test: \_\_\_\_\_ dBC

30 second calibration tone recorded after test? Yes No

Calibrator Model: \_\_\_\_\_ Calibrator SN: \_\_\_\_\_

-----To be filled in be by the field crew at the site-----

## Location Drawing:

<b>Plan View</b> (Can also use provided map to mark location)
--

<b>Major Elevation Changes</b>
--------------------------------

Measurement Location description: \_\_\_\_\_

Microphone height: \_\_\_\_\_ ft.

Wind Dir: \_\_\_\_\_ deg.

Photos Taken? Yes No

Wind Spd: \_\_\_\_\_ mph

Meter Recording? Yes No

Temp: \_\_\_\_\_ F

Weather Station on and wind cover removed? Yes No

Ambient noise level before test: \_\_\_\_\_ dBC

Maximum level observed during the test: \_\_\_\_\_ dBC

Could you hear the sirens? Yes No

Ambient noise level after test: \_\_\_\_\_ dBC

Notes about test (including background noise and noise intrusions during the test):

Tester's Signature: \_\_\_\_\_