



Amec Foster Wheeler Environment & Infrastructure, Inc.
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LETTER OF TRANSMITTAL

To:	DATE: PROJECT NO.: PROJ. NAME: SUBJECT:
FROM:	

WE TRANSMIT TO YOU: HEREWITH UNDER SEPARATE COVER

SUBJECT:

- DRAWINGS
- SPECIFICATIONS
- CALCULATIONS
- REPORT
- COST ESTIMATE
- CD

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- FOR YOUR COMMENT OR APPROVAL
- RETURNED FOR CORRECTION: RESUBMIT
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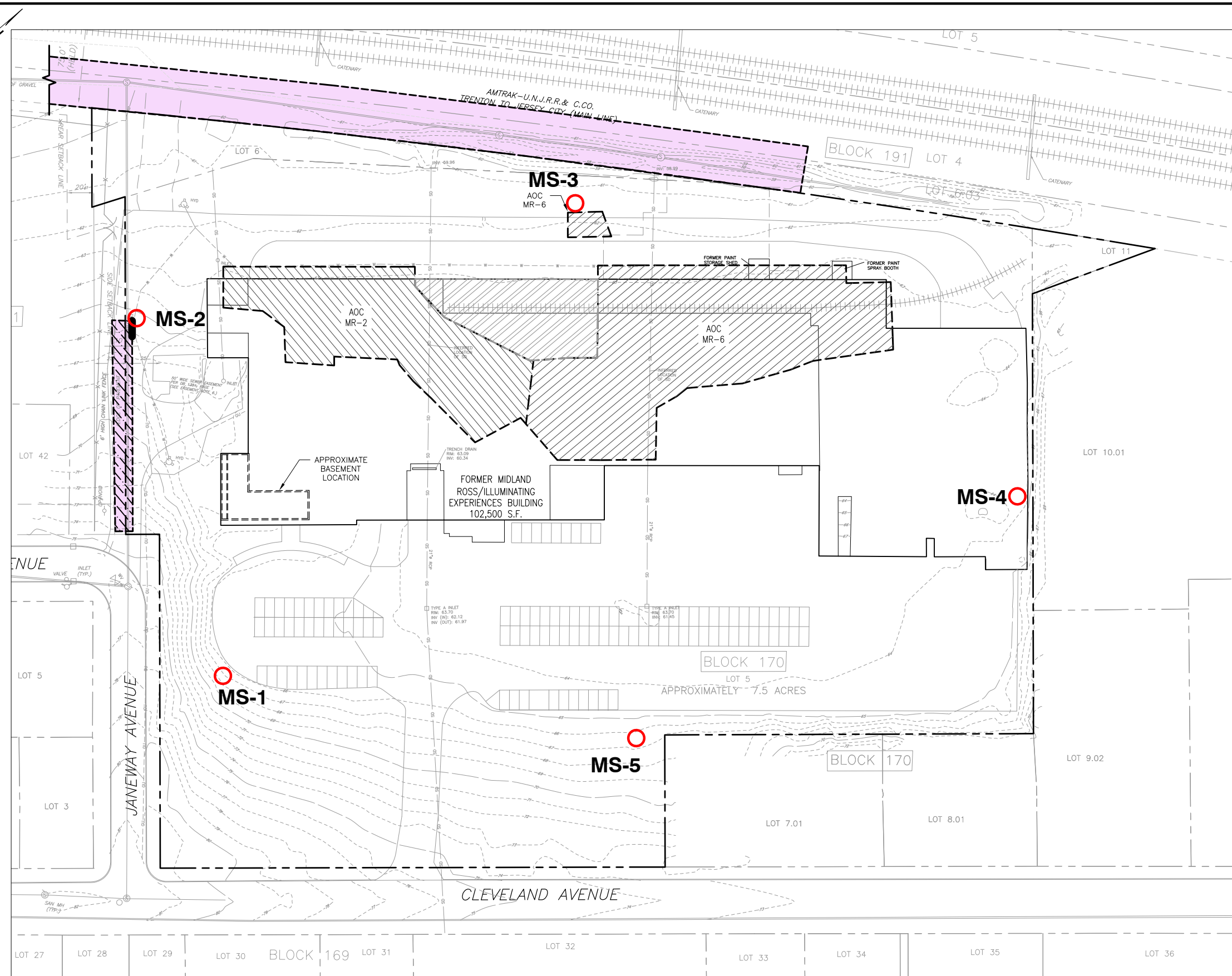
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**AIR MONITORING
STATION LOCATIONS**

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P:\CADD\honeywell\highland park\4480150477\5710\2016 soil rc_camp\CURRENT DRAWINGS\4480150477-5710-RA00-0000.dwg Thu, 05 May 2016 - 11:39am vincent.lehman Layout: PAMP



- LEGEND:**
- PROPERTY BOUNDARY (FORMER MIDLAND ROSS FACILITY)
 - PROPOSED EXCAVATION LIMIT
 - AOC MR-2 EXCAVATION AREA
 - AOC MR-6 EXCAVATION AREA
 - JANEWAY AVENUE OPTIONAL EXCAVATION OR PROPOSED DEED RESTRICTED AREA
 - AMTRAK RIGHT-OF-WAY PROPOSED DEED RESTRICTED AREA (SEE FIGURE 8 FOR AREA LIMITS)
 - CONCRETE SLAB REMOVAL AREA
 - PROPOSED AIR MONITORING STATION LOCATION



SOURCE OF BASE MAPS:
 DRAWING NAMED "FIGURE 6 DETAILED SUMMARY OF AOC W-10/W-18 AND PCB AREA (W-10)" DATED 11-15-04 BY SHAW ENVIRONMENTAL & INFRASTRUCTURE, INC.
 DRAWING NAMED "HERITAGE AT HIGHLAND PARK BOROUGH OF HIGHLAND PARK, MIDDLESEX COUNTY, NEW JERSEY CONCEPT PLAN-FOR SALE BLOCK 170 LOT 5 & 6 TAX MAP SHEET:32 7.53 ACRES," DWG # CP14, DATED MAY 6, 2014, LAST REVISED AUGUST 8, 2014. PREPARED BY MENLO ENGINEERING ASSOCIATES, INC.

REV.	DATE	STATUS	PRPD BY	CHKD BY

Amec Foster Wheeler PROJECT No. 3480150477
 DRAWING: 3480150477-5710-RA00-0000

PREPARED/DATE: VMW 03/01/16
 CHECKED/DATE: AGS 03/01/16

amec foster wheeler

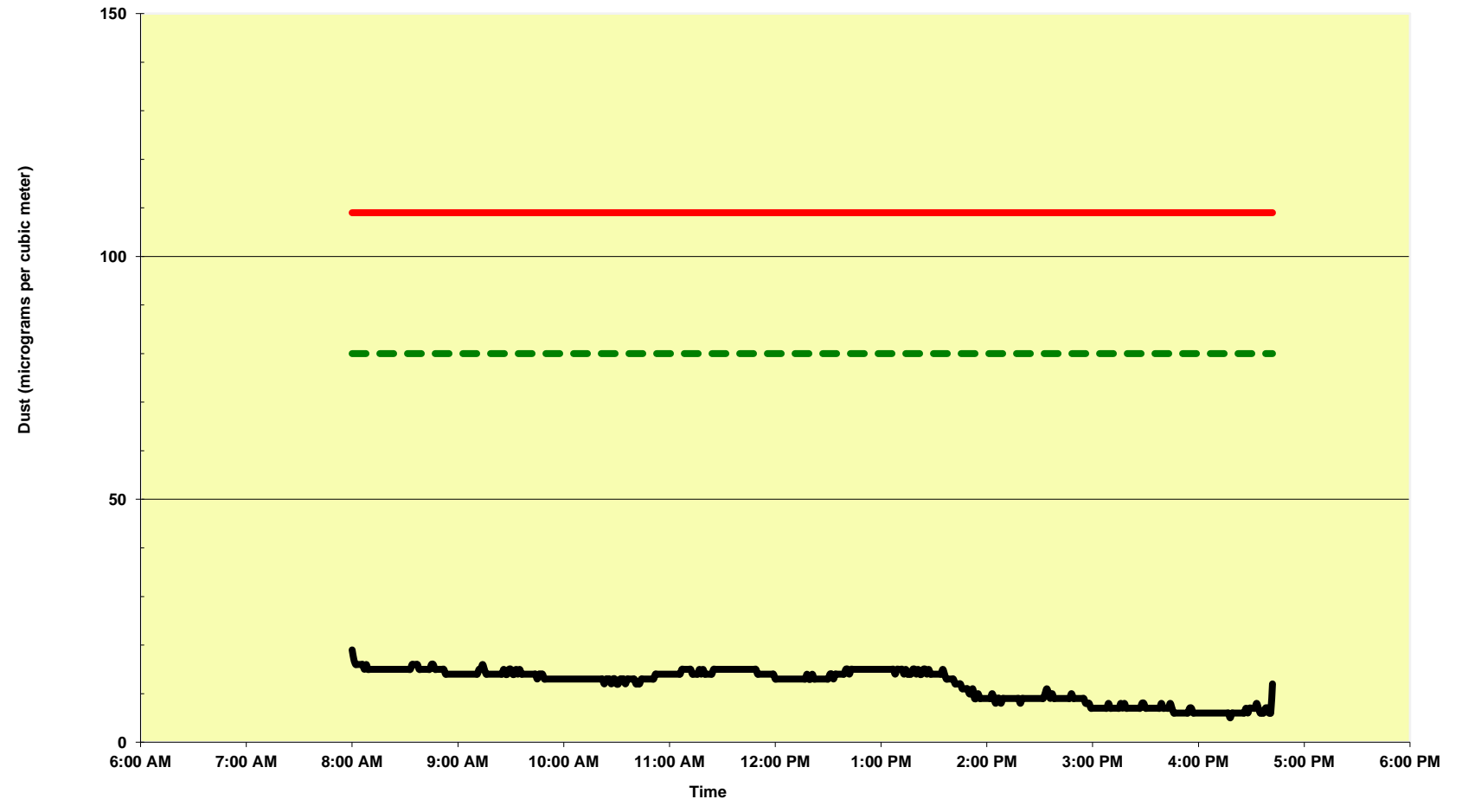
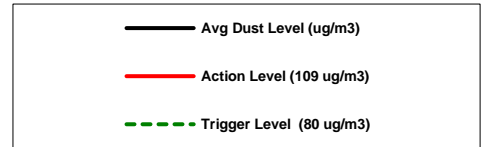
ENVIRONMENT & INFRASTRUCTURE, Inc.
 200 AMERICAN METRO BLVD, SUITE 113
 HAMILTON, NEW JERSEY 08619
 NJ Certificate of Authorization Number 24GA28010900

FIGURE 1
 SITE MAP
 PROPOSED PERIMETER AIR MONITORING STATION LOCATION
 HONEYWELL - FORMER MIDLAND-ROSS SITE
 HIGHLAND PARK, NEW JERSEY

CONSTRUCTION AIR MONITORING DATA

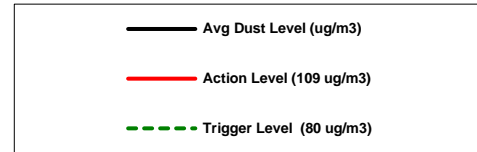
Former Midland-Ross Site
Highland Park, New Jersey
Dust Monitoring Results
Air Monitor 1 12/27/2016

Air Monitoring Results



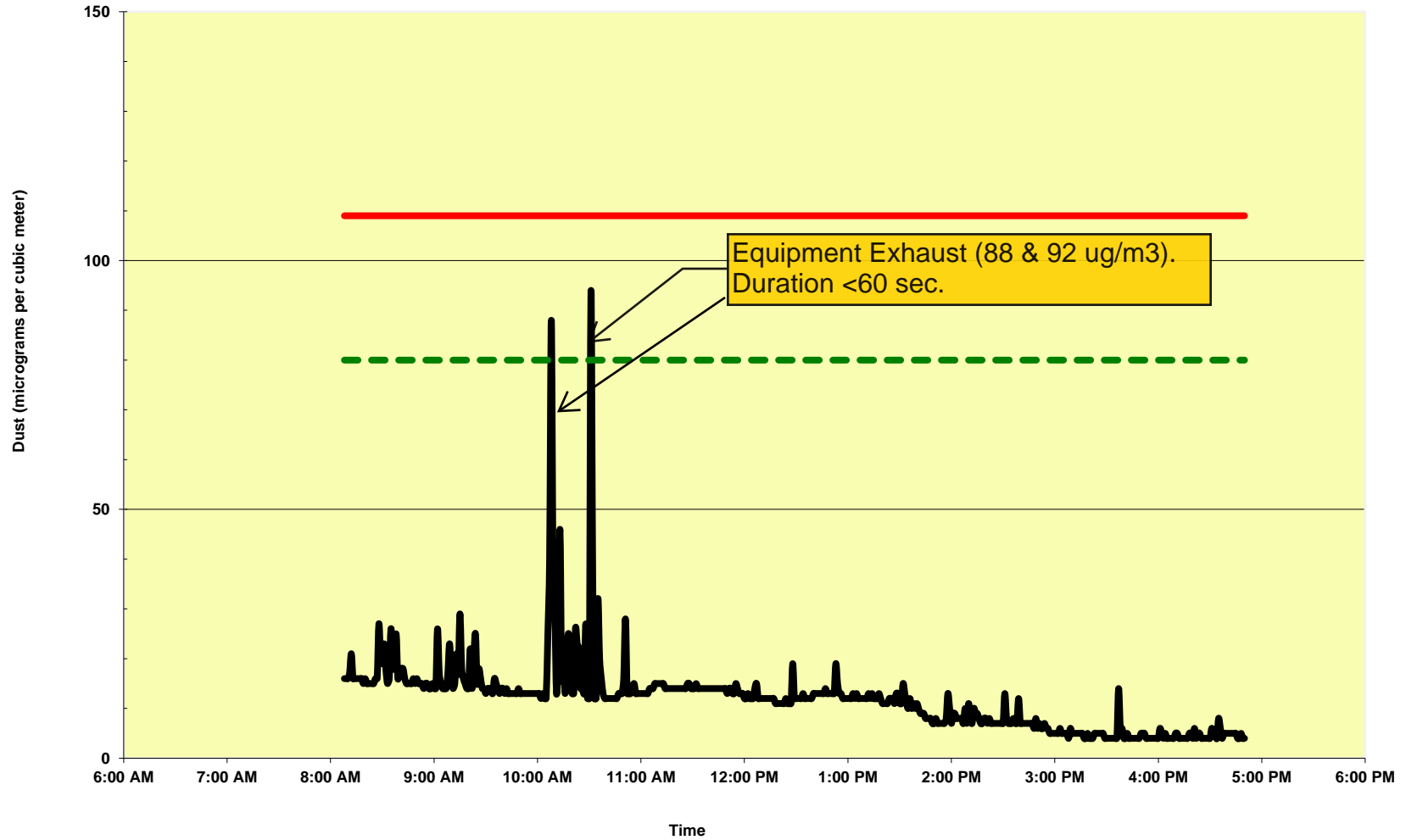
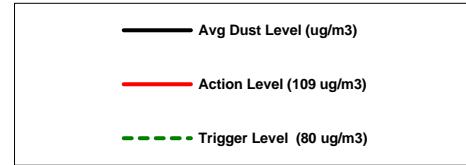
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Highland Park, New Jersey
Dust Monitoring Results
Air Monitor 2 12/27/2016

Air Monitoring Results



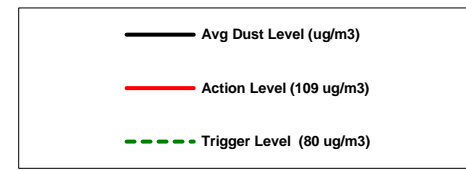
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Air Monitor 3 12/27/2016

Air Monitoring Results



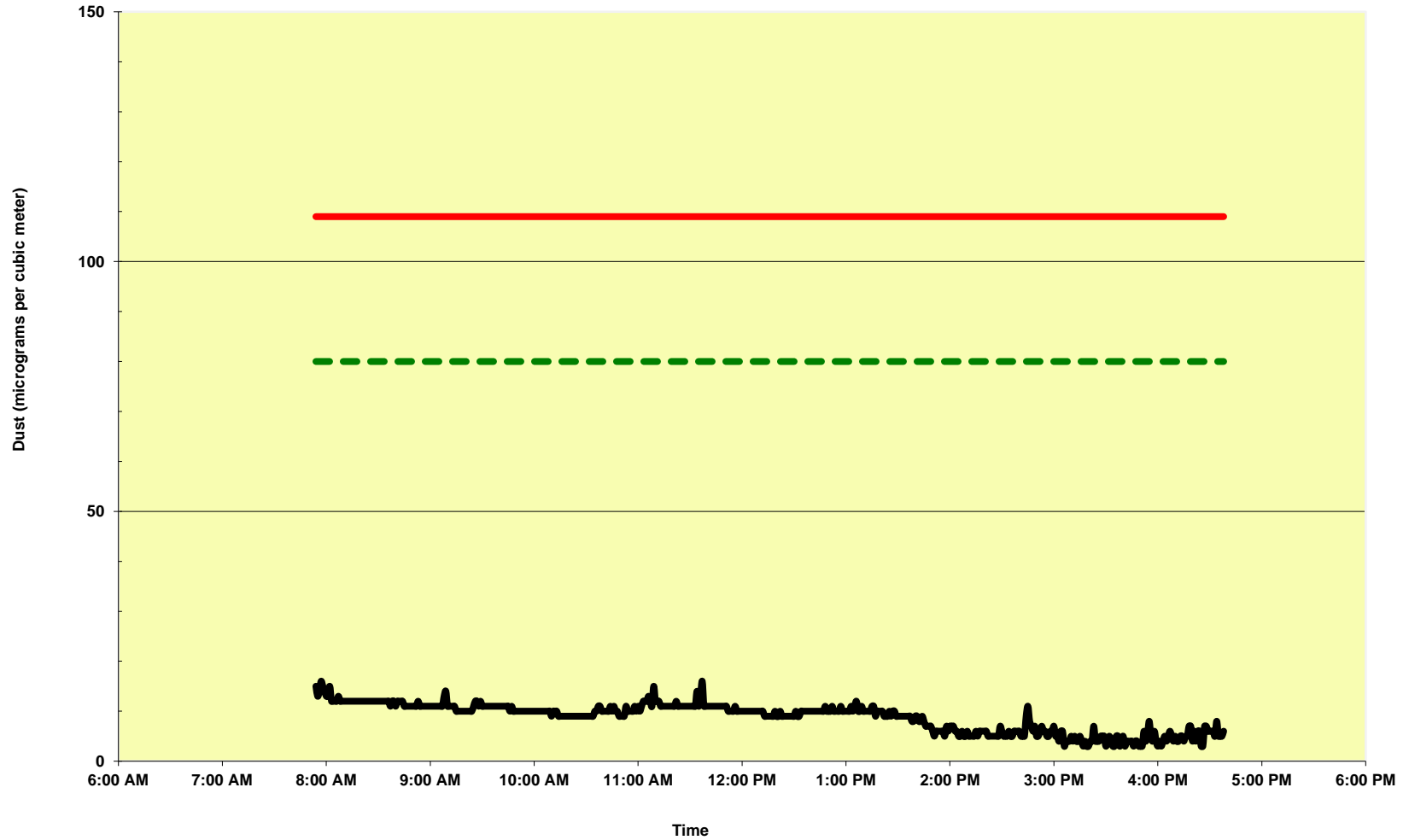
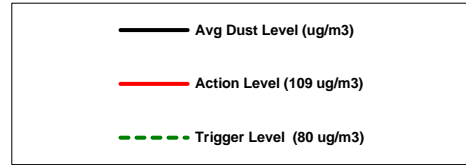
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Highland Park, New Jersey
Dust Monitoring Results
Air Monitor 4 12/27/2016

Air Monitoring Results



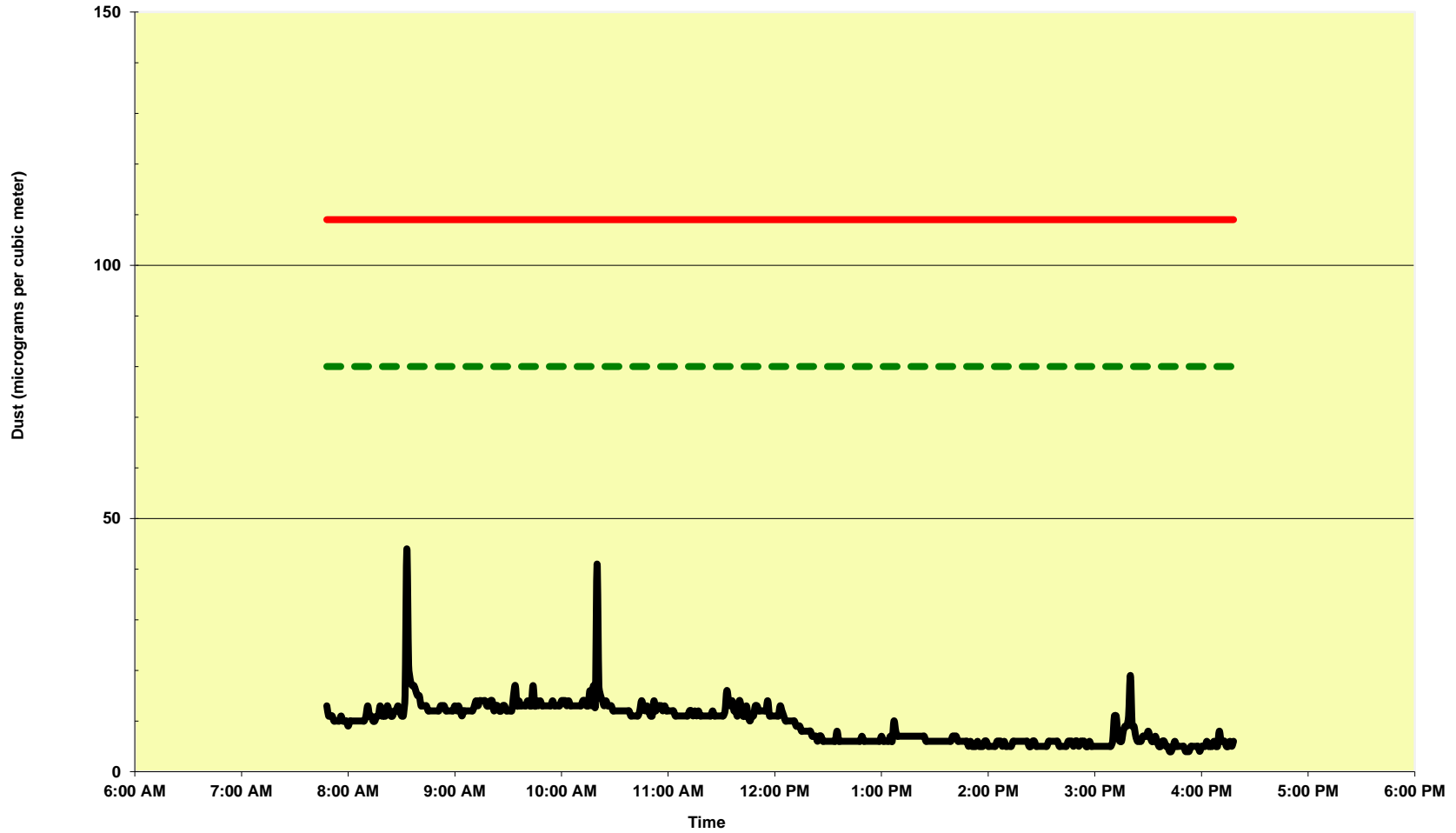
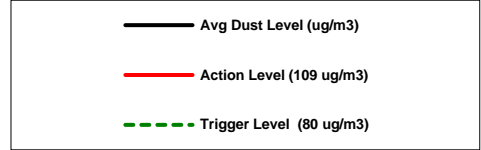
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Air Monitor 5 12/27/2016

Air Monitoring Results



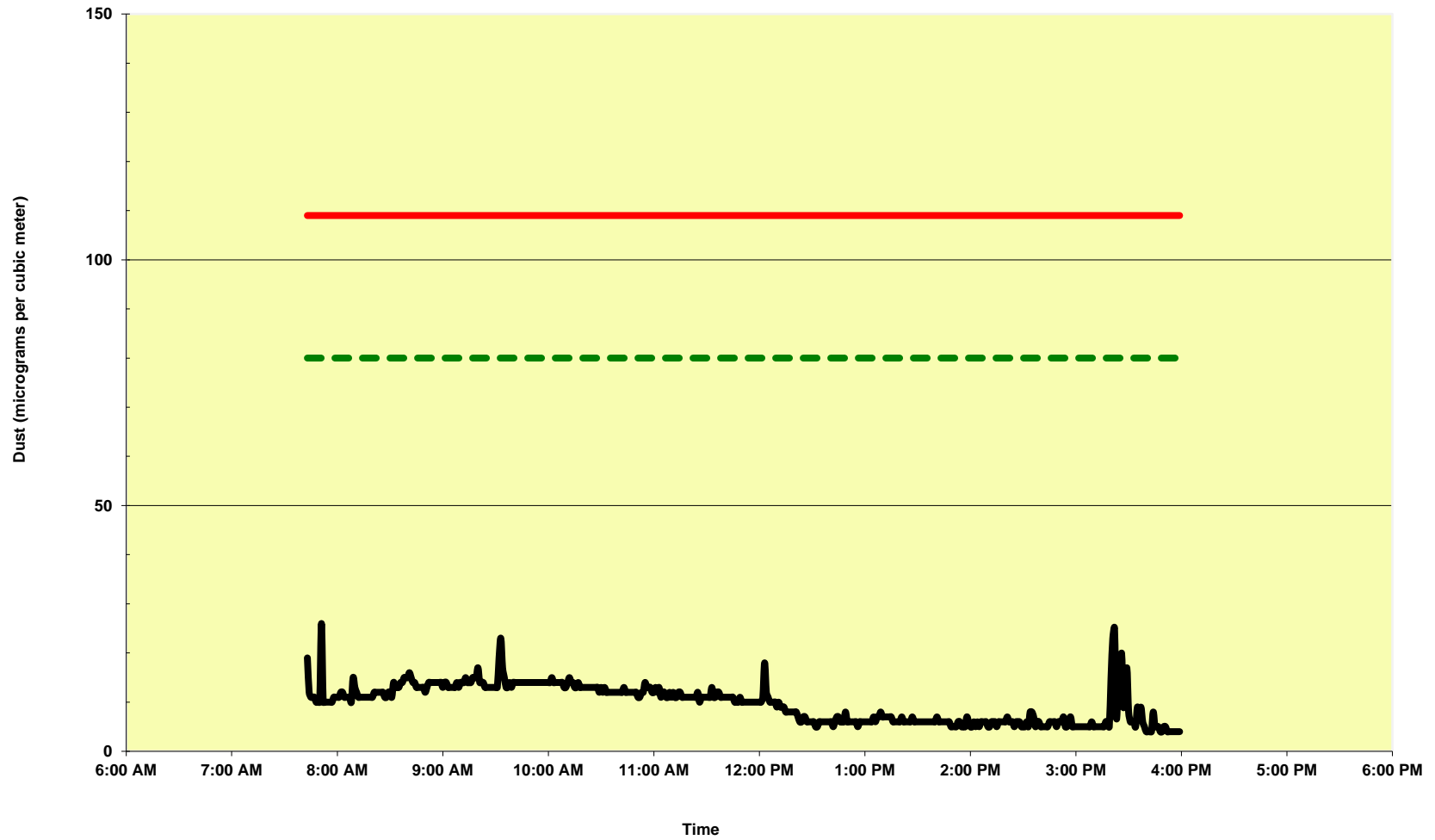
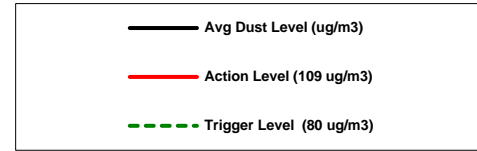
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Highland Park, New Jersey
Dust Monitoring Results
Air Monitor 1 12/28/2016

Air Monitoring Results



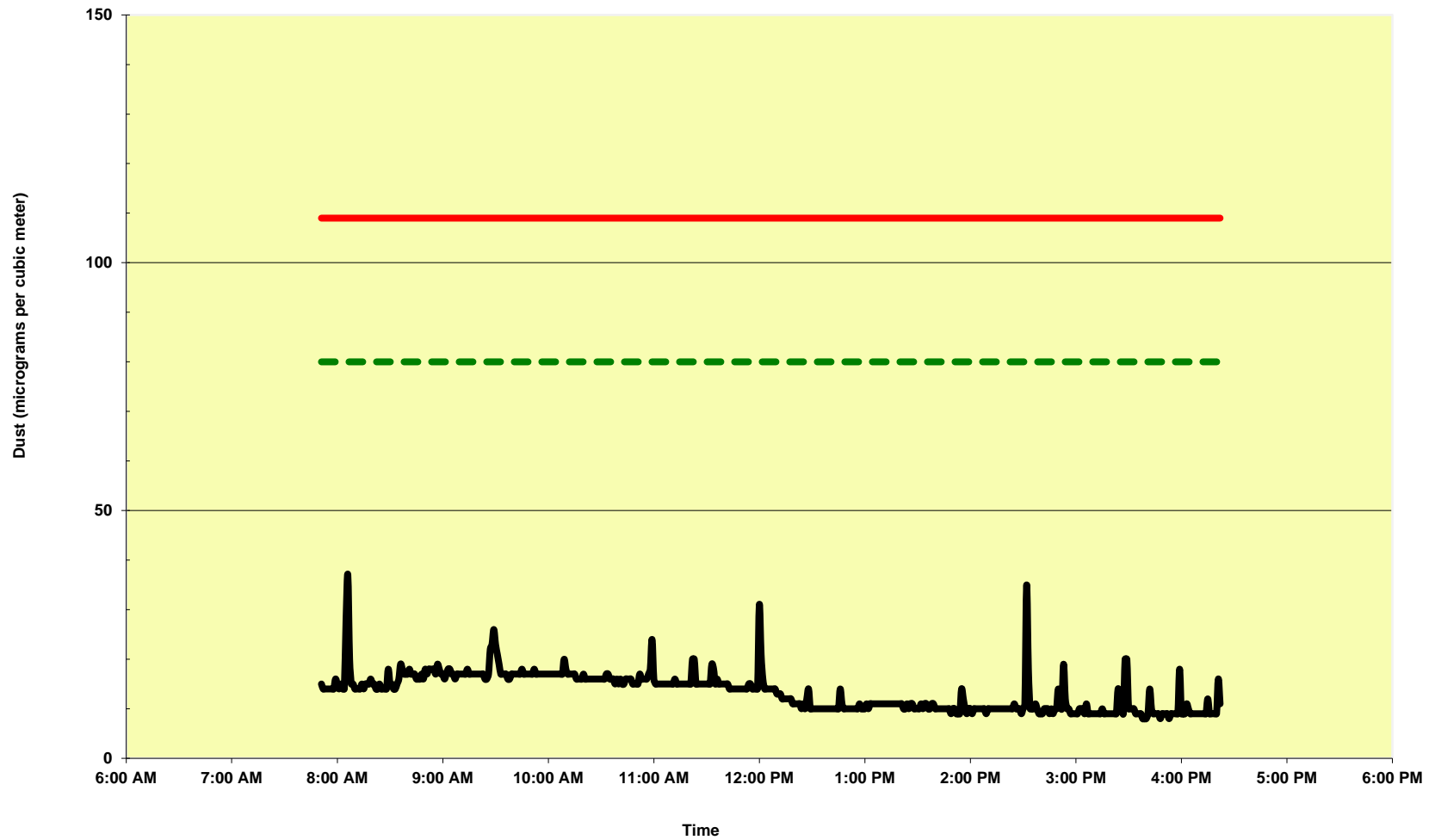
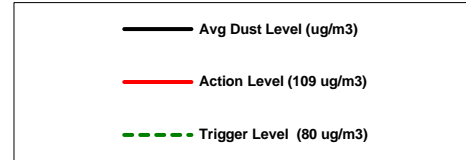
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Highland Park, New Jersey
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Air Monitor 2 12/28/2016

Air Monitoring Results



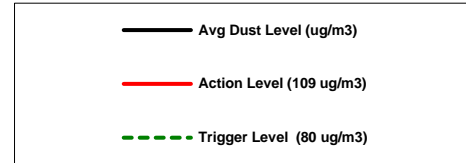
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Highland Park, New Jersey
Dust Monitoring Results
Air Monitor 3 12/28/2016

Air Monitoring Results



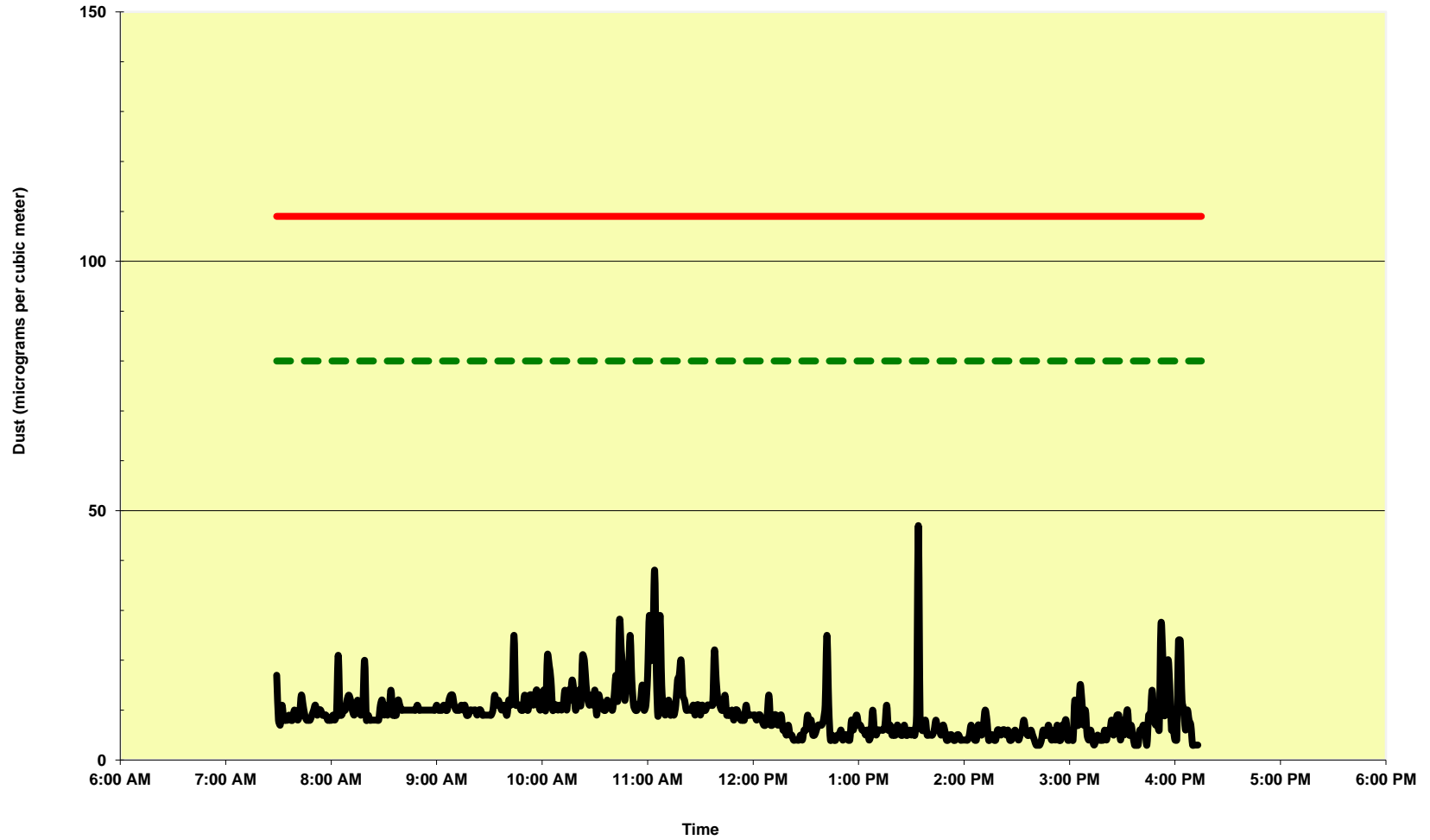
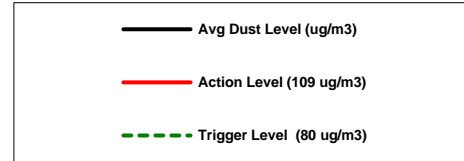
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Air Monitor 4 12/28/2016

Air Monitoring Results



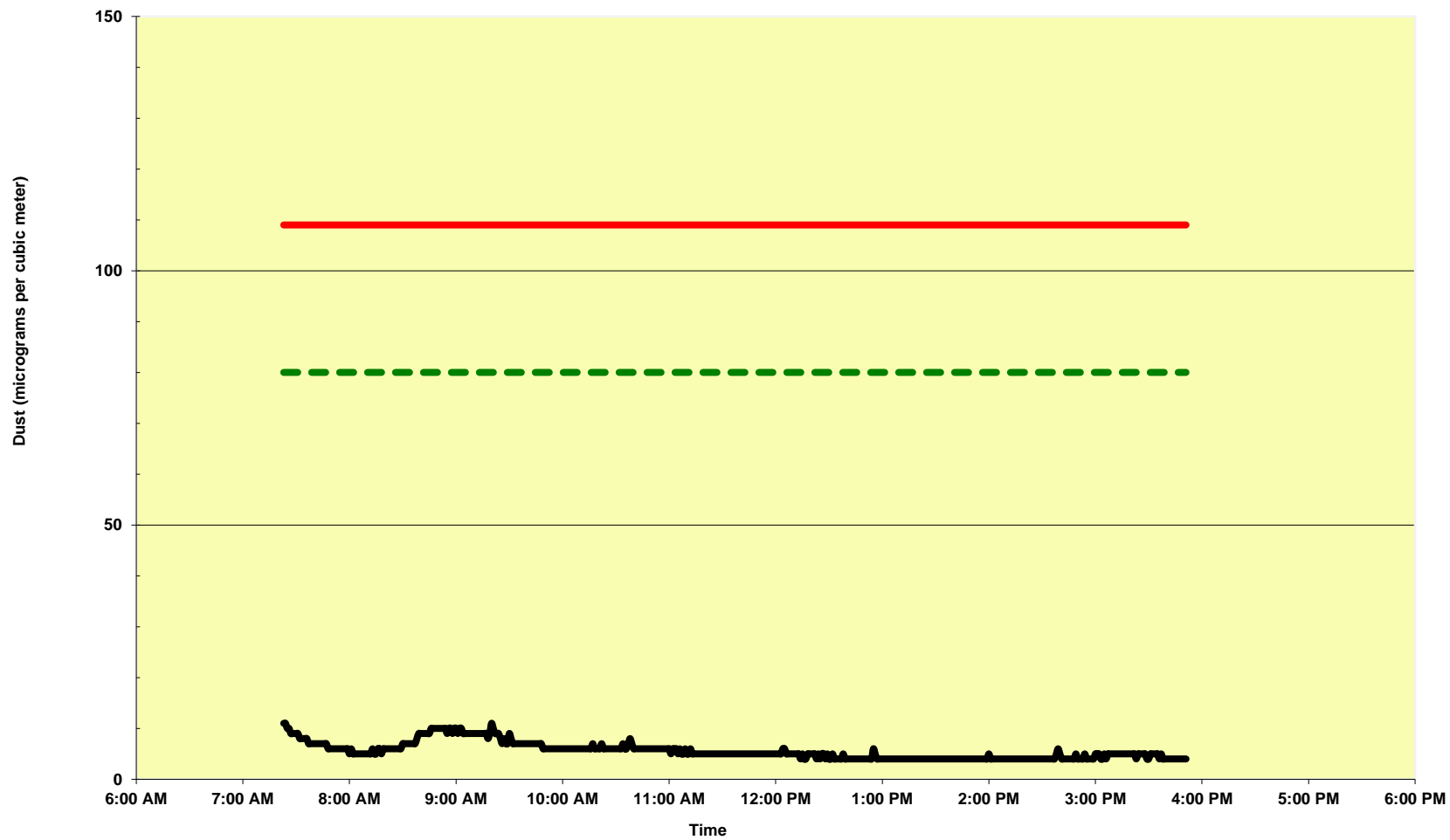
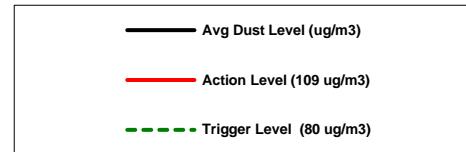
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Highland Park, New Jersey
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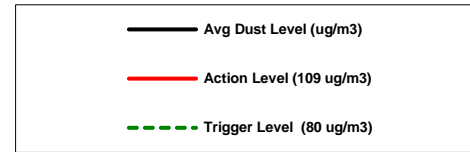
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Highland Park, New Jersey
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Air Monitoring Results



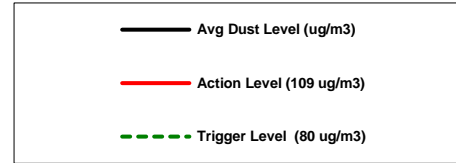
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Highland Park, New Jersey
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Air Monitor 2 12/30/2016

Air Monitoring Results



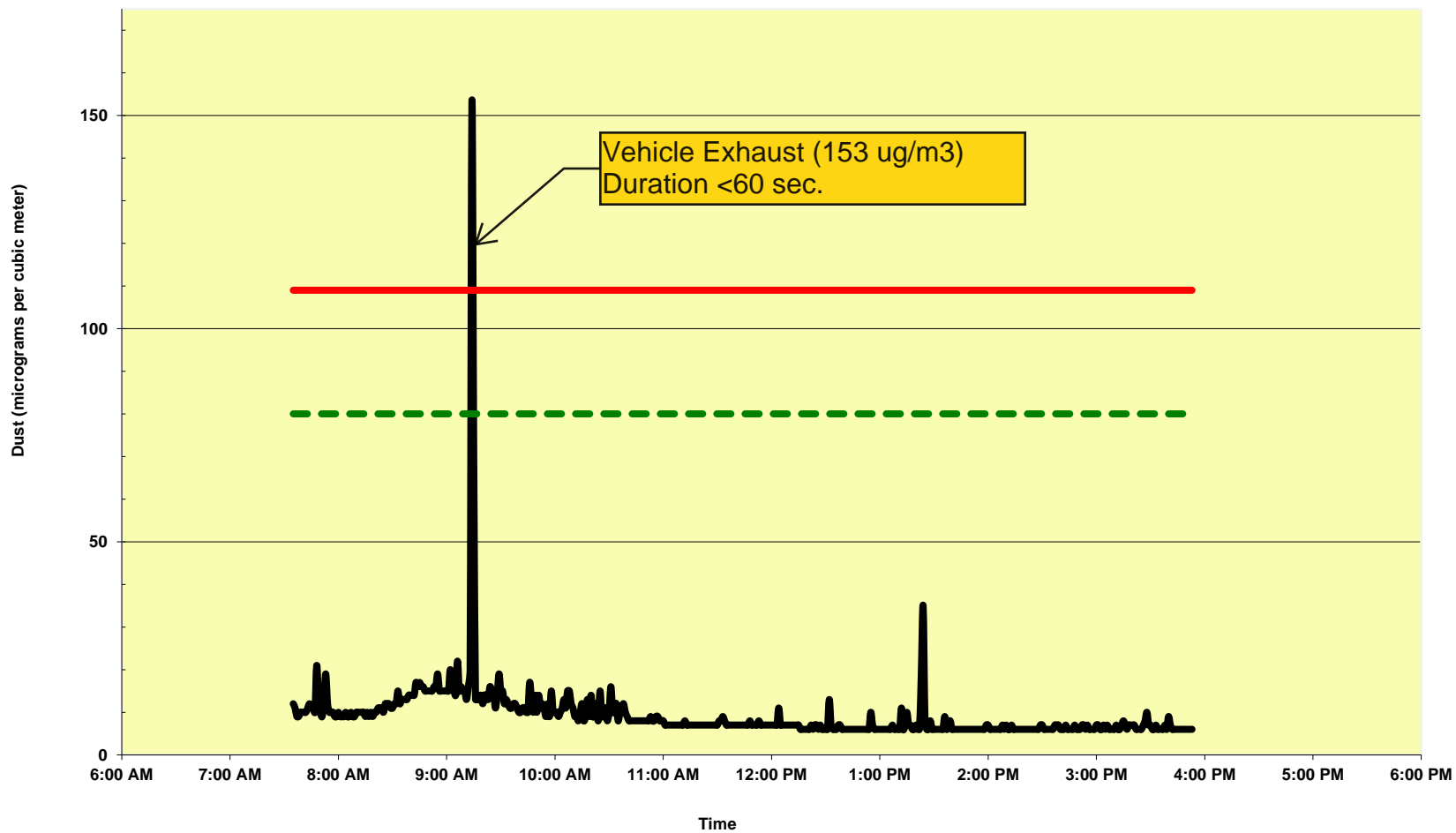
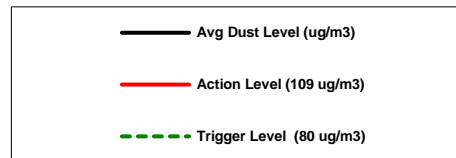
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Highland Park, New Jersey
Dust Monitoring Results
Air Monitor 3 12/30/2016

Air Monitoring Results



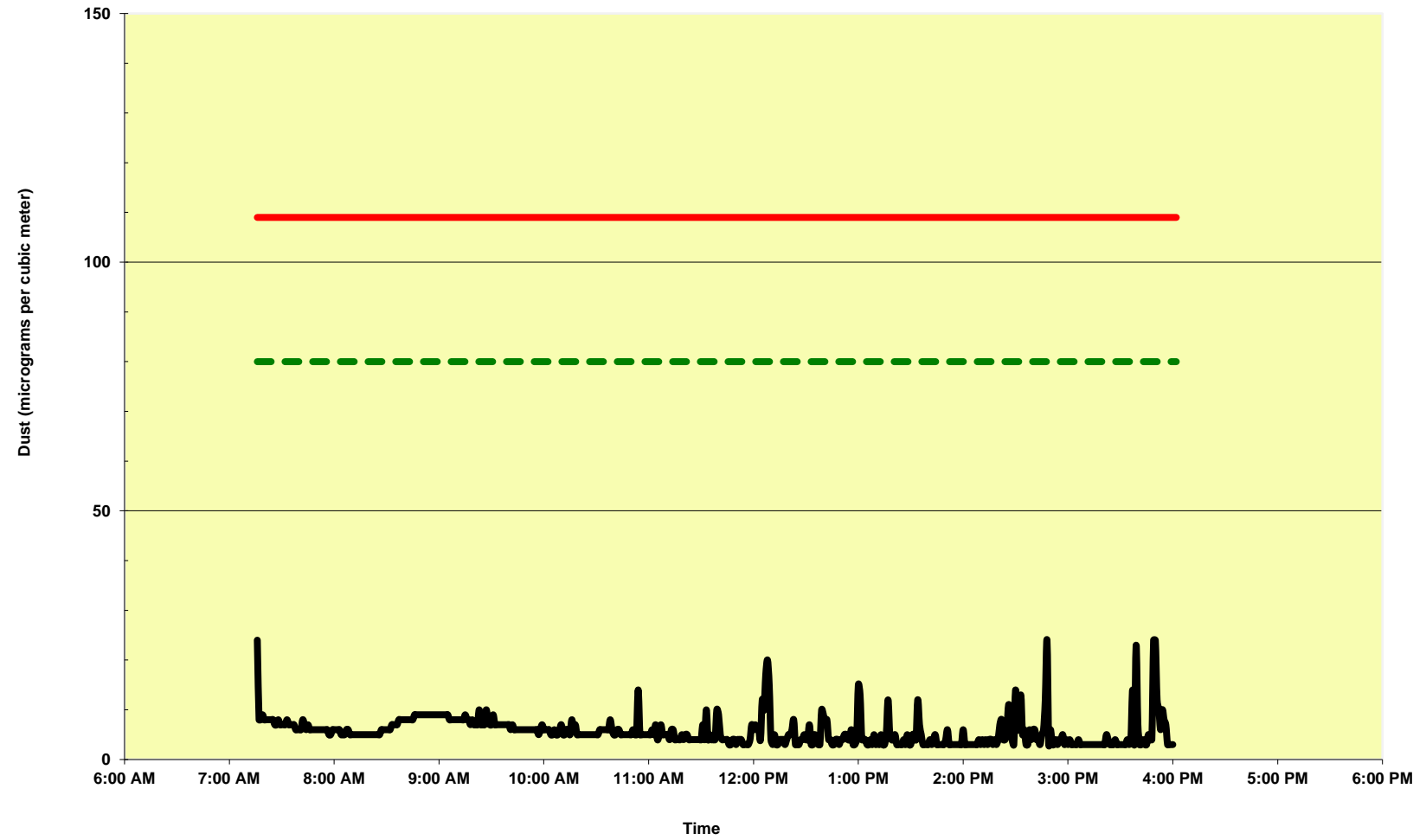
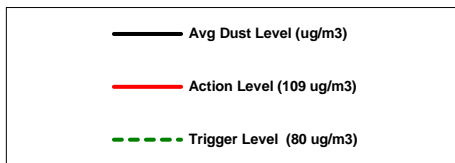
Former Midland-Ross Site
Highland Park, New Jersey
Dust Monitoring Results
Air Monitor 4 12/30/2016

Air Monitoring Results



Former Midland-Ross Site
Highland Park, New Jersey
Dust Monitoring Results
Air Monitor 5 12/30/2016

Air Monitoring Results



**CONSTRUCTION AIR
SAMPLE DATA**

**PAMP PAHs SAMPLES ANALYTICAL RESULTS
HONEYWELL HIGHLAND PARK
HIGHLAND PARK, NEW JERSEY**

Analyte	CAS Number	Units	200-36838-1 AMS-5-123016 12/30/2016	
PAHs				
Acenaphthene	83-32-9	ug/m ³ PUF	0.024	U
Acenaphthylene	208-96-8	ug/m ³ PUF	0.024	U
Anthracene	120-12-7	ug/m ³ PUF	0.024	U
Benzo[a]anthracene	56-55-3	ug/m ³ PUF	0.024	U
Benzo[a]pyrene	50-32-8	ug/m ³ PUF	0.0012	J
Benzo[b]fluoranthene	205-99-2	ug/m ³ PUF	0.024	U
Benzo[g,h,i]perylene	191-24-2	ug/m ³ PUF	0.024	U
Benzo[k]fluoranthene	207-08-9	ug/m ³ PUF	0.024	U
Chrysene	218-01-9	ug/m ³ PUF	0.0016	J
Dibenz(a,h)anthracene	53-70-3	ug/m ³ PUF	0.024	U
Fluoranthene	206-44-0	ug/m ³ PUF	0.0036	J
Fluorene	86-73-7	ug/m ³ PUF	0.0019	J
Indeno[1,2,3-cd]pyrene	193-39-5	ug/m ³ PUF	0.024	U
Naphthalene	91-20-3	ug/m ³ PUF	0.03	
Phenanthrene	85-01-8	ug/m ³ PUF	0.0054	J
Pyrene	129-00-0	ug/m ³ PUF	0.0031	J

Data Qualifiers:

U - The compound was not detected at the indicated concentration

J - Data indicates the presence of a compound that meets the identification criteria.

The concentration given is an approximate value.

**CONSTRUCTION
ASBESTOS AIR DATA**



EMSL Analytical, Inc.

1056 Stelton Road Piscataway, NJ 08854

Tel/Fax: (732) 981-0550 / (732) 981-0551

<http://www.EMSL.com/piscatawaylab@emsl.com>

EMSL Order: 051605564

Customer ID: AMECE25

Customer PO: C012904381

Project ID:

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AMEC Foster Wheeler E & I
200 American Metro Blvd.
Suite 113
Hamilton, NJ 08619

Project: Honeywell Highland Park

Phone: (609) 689-2829

Fax: (609) 689-2838

Received Date: 12/30/2016 5:05 PM

Analysis Date: 12/31/2016

Collected Date: 12/30/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/mm ²	Fibers/cc	Notes
AMS-01-123016 051605564-0001	Perimeter Air Monitoring Sample (PCM Method)	12/30/2016	1575.00	<5.5	100	0.002	<7.01	<0.002	
AMS-02-123016 051605564-0002	Perimeter Air Monitoring Sample (PCM Method)	12/30/2016	1575.00	<5.5	100	0.002	<7.01	<0.002	
AMS-03-123016 051605564-0003	Perimeter Air Monitoring Sample (PCM Method)	12/30/2016	1575.00	<5.5	100	0.002	<7.01	<0.002	
AMS-04-123016 051605564-0004	Perimeter Air Monitoring Sample (PCM Method)	12/30/2016	1448.00	<5.5	100	0.002	<7.01	<0.002	
AMS-05-123016 051605564-0005	Perimeter Air Monitoring Sample (PCM Method)	12/30/2016	1573.00	<5.5	100	0.002	<7.01	<0.002	
AMS-B-123016 051605564-0006	Field Blank (PCM Method)	12/30/2016		<5.5	100		<7.01		Field Blank

The results reported have been blank corrected as applicable.

Analyst(s):

David Moody PCM (6)

Chaiyut Sae Lao, Laboratory Manager
or Other Approved Signatory

- AMS-01: Air Monitoring Station 1**
- AMS-02: Air Monitoring Station 2**
- AMS-03: Air Monitoring Station 3**
- AMS-04: Air Monitoring Station 4**
- AMS-05: Air Monitoring Station 5**
- AMS-B: Field Blank**

Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.28, 21-50 fibers = 0.24, 51-100 fibers = 0.18. Inter-laboratory Sr values (Average of EMSL round robin data) = 0.29. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL. The test results contained within this report meet the requirements of NELAP unless otherwise noted. Results have been blank corrected as applicable. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Piscataway, NJ NYS ELAP 11423, NJ NELAC 12037

Initial report from: 12/31/2016 14:14:31



EMSL Analytical, Inc.

1056 Stelton Road Piscataway, NJ 08854
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<http://www.EMSL.com> / piscatawaylab@emsl.com

EMSL Order: 051605564
Customer ID: AMECEEE25
Customer PO: C012904381
Project ID:

Attention: Andrew Shust
AMEC Foster Wheeler E & I
200 American Metro Blvd.
Suite 113
Hamilton, NJ 08619
Project: Honeywell Highland Park

Phone: (609) 689-2829
Fax: (609) 689-2838
Received Date: 12/30/2016 5:05 PM
Analysis Date: 12/31/2016
Collected Date: 12/30/2016

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Appendix A to Subpart E

Sample	Location	Volume (Liters)	Area Analyzed (mm ²)	Non Asb	Asbestos Type(s)	#Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration	
						≥0.5μ < 5μ	≥5μ		(S/mm ²)	(S/cc)
AMS-05-123016	Perimeter Air Monitoring (TEM Method)	1573.00	0.0508	0	None Detected			0.0048	<20.00	<0.0048

051605564-0007

Analyst(s)

David Moody (1)

Chaoyut Sae Lao, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Piscataway, NJ NYS ELAP 11423, NVLAP Lab Code 101048-2, NJ NELAC 12037, Philadelphia 289

Initial report from: 12/31/2016 14:14:38