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2018 PERIODIC REVIEW REPORT 129 HOLDEN STREET REDEVELOPMENT BUFFALO, NEW YORK BROWNFIELD CLEANUP PROGRAM Site Number C915261

March 13, 2018

File No. 21.0056642.30



PREPARED FOR:

Highland Park Village LLC
Buffalo, New York

GZA GeoEnvironmental of New York

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VIA EMAIL

March 13, 2018
File No. 21.0056642.30

Mr. David Szymanski
New York State Department of Environmental Conservation
Division of Environmental Remediation
270 Michigan Avenue
Buffalo, New York 14203
email: david.szymanski@dec.ny.gov

Re: 2018 Periodic Review Report
129 Holden Street Redevelopment
Buffalo, New York
Brownfield Cleanup Program Site (Number C915261)

Dear Mr. Szymanski:

GZA GeoEnvironmental of New York (GZA) is pleased to submit this Periodic Review Report (PRR) on behalf of Highland Park Village LLC (Highland). Highland is the owner and operator of the 129 Holden Street Redevelopment Brownfield Cleanup Program (BCP) Site (No. 915261). This is the second PRR to be submitted for the Site for which a Certificate of Completion (COC) was issued by the New York State Department of Environmental Conservation (NYSDEC) on November 20, 2015. GZA prepared this PRR in general conformance with the guidelines provided to Highland in your reminder notice letter dated January 4, 2018.

If you have any questions or need additional information, please call Jim Richert at (716) 844-7048.

Sincerely,

GZA GEOENVIRONMENTAL OF NEW YORK

James J. Richert, P.G.
Senior Project Manager

Bart A. Klettke, P.E.
Principal

Cc: John Ciminelli (Highland Park Village LLC)
Jaspal Walia (NYSDEC Region 9)



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1.0 EXECUTIVE SUMMARY

1.1 BACKGROUND

The 129 Holden Street Redevelopment Site (Site) is in the City of Buffalo, Erie County, New York (**Figure 1**). The 27.09-acre Site was used as a rock quarry by Buffalo Cement from the early 1900s until the mid-1950s; and was filled and developed into the Central Park Shopping Plaza from 1958 to 2011. A Phase I Environmental Site Assessment (ESA) identified several Recognized Environmental Conditions (RECs) including the mixed soil/fill that was used to backfill the quarry; as well as several former Site uses including a dry cleaner and an auto repair shop. Phase II ESA and Remedial Investigations confirmed the presence of semi-volatile organic compounds (SVOCs) and metals in the soil/fill at concentrations greater than NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives (RRSCOs). Considering that groundwater was not determined to be impacted, and that the site contaminants of concern are not volatile, the focus of the Site remedy was to minimize the exposure risks of direct contact and/or inhalation with site contaminants in the soil/fill. The Remedial Action Objectives (RAOs) for the Site included:

- Addressing soils with contaminants above the RRSCOs in the upper 2 feet;
- Prevention of ingestion or direct contact with soil contaminants exceeding the RRSCOs;
- Implementation and maintenance of engineering and institutional controls as follows.

Institutional Controls Include:

- Property use may include restricted residential, restricted commercial, and restricted industrial uses;
- Groundwater may not be used without prior treatment and approval of the regulator;
- Buildings will be built on slab foundations only; no basements are allowed.

The Engineering Control is:

- Cover System: hardscape and imported clean soil (minimum of 24 inches) underlain by a high visibility orange mesh demarcation layer.

The selected site remedy Included two primary components:

- removal and off-site disposal of “hot spot” soil/fill containing SVOCs and Metals above site-specific action levels;
- placement and maintenance of a site cover system.

The Site remedy was completed in the fall of 2015 and a Certificate of Completion (COC) of the BCP remedy was issued by NYSDEC to Highland on November 20, 2015.

1.2 EFFECTIVENESS OF THE REMEDIAL PROGRAM

Based upon our PRR inspection conducted on February 16, 2018 and recent SMP screening/Community Air Monitoring Program (CAMP) observations, the site cover system was confirmed to be in place and appeared to be complete and in good condition. Therefore, the Site remedy continues to be effective at meeting Site RAOs.



1.3 COMPLIANCE

GZA identified the Site to be in compliance with the SMP. The Institutional Controls and Engineering Controls (IC/ECs) remain in place and there are no active remedial systems requiring monitoring or operation and maintenance.

1.4 RECOMMENDATIONS

GZA and Highland Park Village LLC (Highland) recommend no changes to the SMP nor to the frequency of Site inspections and PRR submittals. Implementation of the SMP, including the Excavation Work Plan and maintenance of the Site cover system will continue as the Site is redeveloped for the planned and NYSDEC-approved residential use.

2.0 SITE OVERVIEW

2.1 SITE LOCATION AND FEATURES

Highland entered into a Brownfield Cleanup Agreement (BCA) with NYSDEC in February 2012 to investigate and remediate the 27.09-acre property located at 129 Holden Street, in the City of Buffalo, Erie County, New York (**Figure 1**). The Site (NYSDEC Site No. C915261) was remediated following Track 4 of the Brownfield Cleanup Program (BCP) for restricted residential use. The Site is being redeveloped into the Highland Park Village Community which will include residential living units/apartments.

The Site was used as a limestone rock quarry by Buffalo Cement from the early 1900s until the mid-1950s. The quarry was later filled with mixed hard fill, leveled, developed, and subsequently used as a neighborhood shopping plaza from 1958 to 2011. As social and economic conditions of the neighborhood changed over time, businesses within the plaza struggled and eventually closed. Once purchased by Highland, (and in preparation for site remediation and redevelopment), the site buildings and utilities were removed, resulting in a vacant site with formerly used slab-on-grade foundations and deteriorated asphalt parking lots.

Historical Site tenants, whose properties had potential environmental concern, included a photo mart, laundromats, an automatic car wash, a dry cleaner, an auto chop shop, and an automotive service shop. The Site was listed twice on the NY Spills database.

2.2 INVESTIGATION AND REMEDIAL HISTORY

Based on information obtained from the Phase I ESA, several of the historical site uses represented Recognized Environmental Conditions (RECs). Additional environmental investigations were recommended.

GZA completed a Phase II ESA that identified SVOCs and metals at concentrations above RRSCOs.

To better assess the significance and extent of the chemical impacts identified during the Phase II ESA, GZA conducted a remedial investigation (RI) in 2012 and 2013 under the NYSDEC Brownfield Cleanup Program.

The RI confirmed that a significant amount of mixed fill materials had been placed at the Site after the quarry operations ceased in the early 1950s, prior to construction of the Central Park Plaza. Total depth of the



subsurface fill ranged between five feet below ground surface (ft. bgs) to greater than 19 ft. bgs. SVOCs and metals were detected in soil/fill samples at concentrations above the Part 375 RRSCOs; however, specific sources of the SVOCs and metals contamination were not identified. No contaminants of concern were identified in the groundwater.

The Remedial Action Objectives (RAOs) for the Site, as presented in the RI/Alternatives Analysis Report were:

- Address soils with contaminants above the RRSCOs in the upper 2 feet;
- Prevent ingestion or direct contact with soil contaminants exceeding the RRSCOs;
- Institute and maintain institutional and engineering controls to assure the Site is not used in a manner inconsistent with the future anticipated use (restricted residential).

The selected site remedy included two primary components:

- removal and off-site disposal of “hot spots” of soil/fill containing SVOCs and Metals above site-specific action levels;
- placement of a site cover system, made up of either clean soil at a minimum of 2-feet thickness or hardscapes including paved roads, parking lots, sidewalks, and/or building slab foundations.

The Site remedy was completed in the fall of 2015 and a Certificate of Completion (COC) was issued by NYSDEC to Highland on November 20, 2015.

As part of the Site remedy, the entire Site was covered with a minimum of 2-feet of clean soil for eventual redevelopment as new residential housing. The site is now undergoing Site redeveloped with Phase IA of the new Highland Park neighborhood being built in the northwestern corner of the Site.

3.0 EVALUATION OF REMEDY PERFORMANCE, EFFECTIVENESS, AND PROTECTIVENESS

GZA performed a Site Inspection during the reporting period on February 16, 2018. The completed Site Inspection Form is provided in **Appendix A**. A photo log is provided in **Appendix B** and a map showing the location and orientation of the Site photos is provided as **Figure 2**. The site has undergone significant redevelopment at the northwestern corner including installation of sanitary and storm sewer utilities and slab on grade foundations for three new residential buildings. Copies of the building permits obtained by Highland for the new structures are provided in **Appendix C**. A detailed Progress Report was submitted to NYSDEC on January 22, 2018 detailing the redevelopment work completed between October 16, 2017 and December 1, 2017 (see **Appendix D**). The required cover system is being maintained per the SMP and was observed to be providing complete coverage of the Site. The Site remedy, therefore, continues to be effective at meeting the Site RAOs for protection of current and intended future site users.



4.0 INSTITUTIONAL CONTROL/ENGINEERING CONTROL (IC/EC) PLAN COMPLIANCE REPORT

4.1 IC/EC REQUIREMENTS AND COMPLIANCE

IC/ECs for the Site were determined by NYSDEC and specified in the Decision Document (DD) issued by NYSDEC on December 19, 2014. Those same IC/ECs were carried forward in the Environmental Easement (EE), issued by NYSDEC on September 23, 2015 and in the Site Management Plan (SMP) prepared by GZA and approved by NYSDEC on October 16, 2015. Complete lists of the Site ICs and ECs are provided in Sections 3.2 and 3.3 of the SMP. Summary lists of the ICs and ECs are provided as follows:

Summary of Site Institutional Controls:

- Property use may include restricted residential, restricted commercial, and restricted industrial uses;
- Groundwater may not be used without prior treatment and approval of the regulator;
- Buildings will be built on slab foundations only; no basements are allowed.

Summary of Site Engineering Control:

- Cover System: hardscape and imported clean soil (minimum of 24 inches) vegetated and underlain by a high visibility orange mesh demarcation layer. Hardscapes may include paved roads, parking lots, sidewalks, and/or building slab foundations.

Significant on-Site redevelopment construction activity has occurred since submittal of the previous PRR on March 20, 2017. GZA provided on-Site Qualified Environmental Professional (QEP) services during the period of earth disturbance. A progress report was prepared by GZA detailing the observation and monitoring conducted during that work period. The progress report (**Appendix D**) was provided to the NYSDEC Project Manager (Jaspal Walia) on January 22, 2018.

Based on observations made during GZA field observations and Site inspections, Highland is complying with provisions of the SMP relative to IC/ECs. Redevelopment activity continues at the Site and Highland is aware that monitoring and observation by a QEP is required during earth moving activities. Current activities involve above grade building construction; however, subsequent phases of new construction involving earth moving are planned for spring/summer of 2018. Although not a required EC, additional protection is provided by a perimeter chain-link fence with locked gates restricting access to the Site.

4.2 IC/EC CERTIFICATION

The Site-specific IC/EC Certification Form, for reporting period of February 18, 2017 to February 18, 2018, was provided to Highland as an attachment to the January 4, 2018 Reminder Notice letter sent by NYSDEC. This form has been completed by Highland as Site owner and Certified by GZA as QEP. The completed and certified IC/EC Certification Form for this reporting period is included in **Appendix E** of this PRR.



5.0 PRR CONCLUSIONS AND RECOMMENDATIONS

5.1 PRR CONCLUSIONS

GZA identified no evidence of non-compliance with the SMP. The IC/ECs remain in place and are performing as intended and there are no active remedial systems requiring operation, monitoring, or maintenance.

5.2 PRR RECOMMENDATIONS

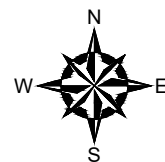
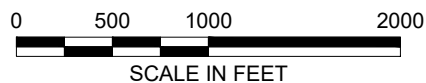
GZA and Highland recommend no changes to the SMP nor to the frequency of site inspections and PRR submittals. Implementation of the SMP, including the Excavation Work Plan and maintenance of the Site cover system will continue as Site redevelopment construction continues for the planned and NYSDEC-approved residential use.



FIGURES



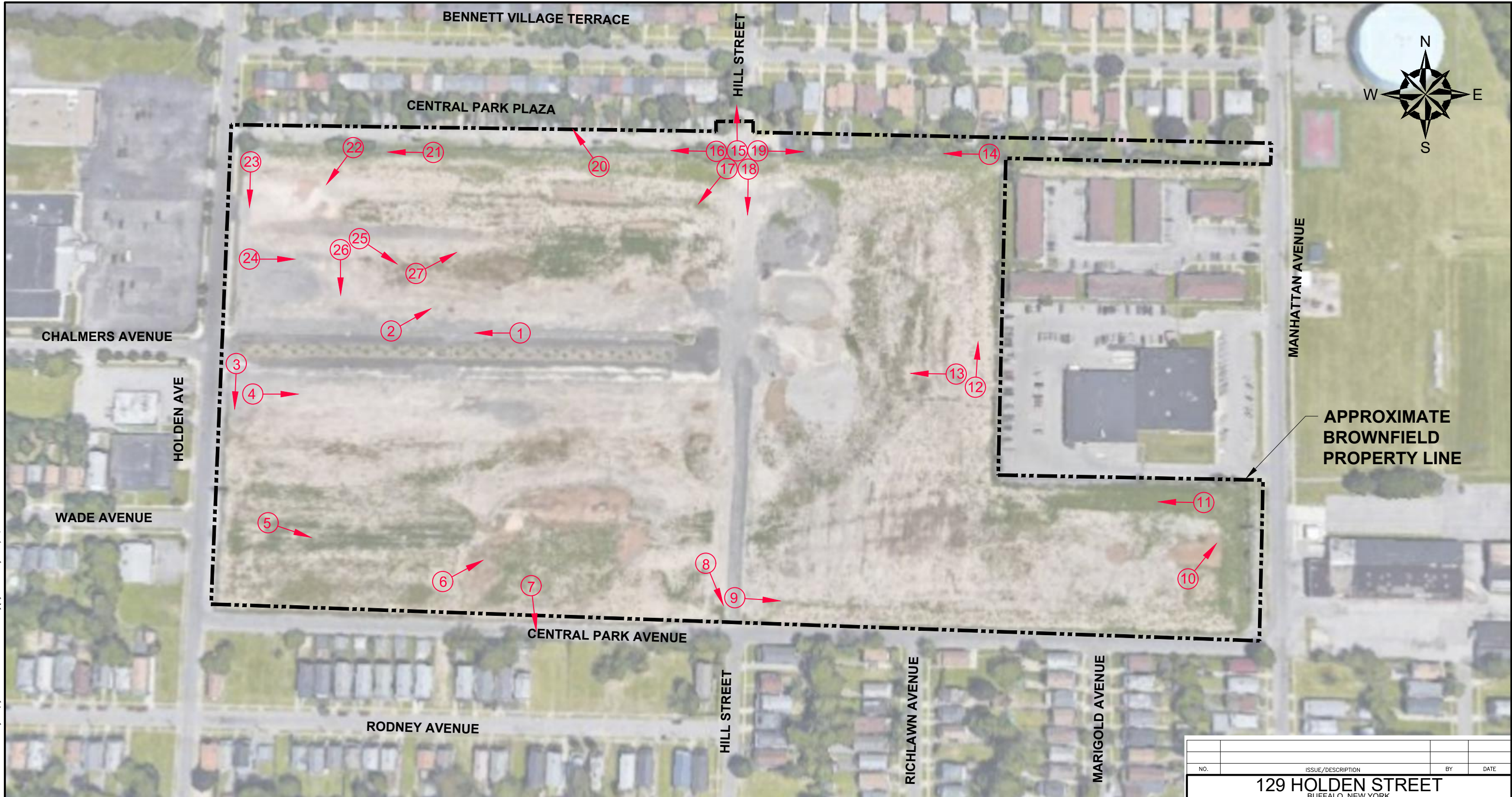
BASE MAP ADAPTED FROM U.S.G.S.
TOPOGRAPHIC MAPS DOWNLOADED
FROM TERRASERVER.MICROSOFT.COM



REVISION NO.

1

© 2018 - GZA GeoEnvironmental of N.Y. GZA\A\PROJECTS\66600\66642.30 Holden St CAMP Monitoring 2017\Figure 3_Site Plan FOR PERIODIC REVIEW.dwg [Figure 3_Site Plan] February 19, 2018 - 9:50am Michael Kress



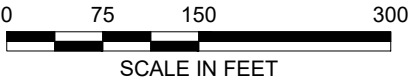
NOTES:

1. BASE MAP ADAPTED FROM A 2018 AERIAL PHOTO DOWNLOADED FROM GOOGLE EARTH PRO AND FIELD OBSERVATIONS.
2. THE SIZE AND LOCATION OF EXISTING SITE FEATURES SHOULD BE CONSIDERED APPROXIMATE.


LEGEND:



APPROXIMATE LOCATION AND ORIENTATION OF INSPECTION PHOTOGRAPHS (SEE APPENDIX A)



UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

NO.	ISSUE/DESCRIPTION		BY: DATE
129 HOLDEN STREET BUFFALO, NEW YORK BROWNFIELD CLEANUP PROGRAM C915261			
PERIODIC REVIEW REPORT PHOTOGRAPH ORIENTATION MAP			
PREPARED BY:  GZA GeoEnvironmental of N.Y. Engineers and Scientists 300 PEARL STREET, SUITE 700 BUFFALO, NEW YORK 14202 (716) 685-2300		PREPARED FOR: LPCiminelli INCORPORATED	
PROJ MGR:	TB	REVIEWED BY:	JJR
DESIGNED BY:	TB	DRAWN BY:	DEW
DATE	PROJECT NO.		REVISION NO.
FEBRUARY 2018	21.0056642.30		
FIGURE			2



APPENDIX A

SITE INSPECTION FORM

129 Holden Street Redevelopment

BCP Site No.: C915261

Site Management Form

SITE DETAILS	
Site No.: C915261	Site Name: 129 Holden Street Redevelopment
Site Address: 129 Holden Street, Buffalo, New York	
PERSON PERFORMING INSPECTION	
Name: Jim Richert	Email: James.richert@gza.com
Company: GZA	Phone Number: (716) 844-7048
Others Present: None	
INSPECTION DATE AND SITE CONDITIONS	
Inspection Date: February 16, 2018	Inspection Time: 0830 to 0920 hrs
Weather Conditions: hazy drizzle ~33 degrees F., West winds 15-20 mph.	
REASON FOR SITE INSPECTION	
Type of Inspection: <input checked="" type="checkbox"/> Annual Inspection <input type="checkbox"/> Routine Maintenance Inspection <input type="checkbox"/> Non-Routine Inspection	
Inspection after a Severe Condition that could effect Site control <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Describe severe condition triggering inspection: NA	
VERIFICATION OF SITE DETAILS	
Current Site Owner:	Highland Park Village LLC
Current Site Operator:	Highland Park Village LLC
Describe Current Site Use (<i>check all that apply</i>)	
<input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential <input checked="" type="checkbox"/> Other In development for residential.	
Briefly describe observed site uses: Active building construction was taking place on the day of inspection. See Photolog. Site cover system now includes building foundations in addition to clean soil. No significant erosion or damage to cover system observed.	
DESCRIPTION OF ENGINEERING CONTROLS	
Are the Engineering Controls still in place: <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If No, explain:	
Is the Site Management Plan still in place: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
If No, explain:	
AREAS IN NEED OF REPAIR OR MAINTENANCE	
Area discussed in this section must be shown on a figure and have photographic documentation. None Observed	

129 Holden Street Redevelopment
BCP Site No.: C915261
Site Management Form

INTRUSIVE ACTIVITIES PERFORMED AT SITE DURING INSPECTION PERIOD

Location: Northwestern corner of the Site Date: Fall of 2017 into winter of 2017/2018

Description of activities being performed:

First phase of residential development - See photo log and progress report dated January 22, 2018.

Are Site records being properly generated and maintained: ☒ Yes ☐ No

Provide a summary of recordkeeping review and adequacy:

ADDITIONAL NOTES & COMMENTS

The Site redevelopment plan involves multiple phases of re-establishment of streets and utilities along with the planned residential structures. Phase 1A of construction is underway at the northwestern corner of the Site.

INSPECTION CERTIFICATION

I hereby certify that the information included in this report is complete and accurate to the best of my knowledge

Inspector Signature: Jim Richert Date: February 16, 2018



APPENDIX B

PHOTO LOG



Photographic Log

Client Name: Highland Park Village LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 1	Date: 2-16-18		
Direction Photo Taken: West			
Description: Active construction of Building #1.			

Photo No. 2	Date: 2-16-18	
Direction Photo Taken: East/Northeast		
Description: Building #3 in foreground, Soil stockpiles in background.		



Photographic Log

Client Name: Highland Park Village LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 3	Date: 2-16-18		
Direction Photo Taken: South			
Description: Western Site boundary and soil cover.			

Photo No. 4	Date: 2-16-18
Direction Photo Taken: East	
Description: Site soil cover and Site billboard.	





Photographic Log

Client Name: Highland Park Village LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 5	Date: 2-16-18		
Direction Photo Taken: East/Southeast			
Description: Clean utility corridor for future extension of Wade Ave.			

Photo No. 6	Date: 2-16-18	
Direction Photo Taken: East/Northeast		
Description: Standing water in northcentral low area.		



Photographic Log


Client Name: Highland Park Village LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 7	Date: 2-16-18		
Direction Photo Taken: South			
Description: Newly installed electrical pole/service.			

Photo No. 8	Date: 2-16-18
Direction Photo Taken: Northeast	
Description: Locked south Site entrance gate at Hill Street.	

A photograph of a residential street scene. In the foreground, there is a large pile of dark, bundled rebar on the right side. The ground is covered with patches of snow and bare, brown grass. In the middle ground, a red brick house with a dark roof is visible on the left, and a green and white house is on the right. A red stop sign is visible on the right side of the street. The background shows more houses and bare trees under an overcast sky.



Photographic Log

Client Name: Highland Park Village LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 9	Date: 2-16-18		
Direction Photo Taken: East			
Description: Site cover and southern Site boundary. View from Hill Street.			

Photo No. 10	Date: 2-16-18	
Direction Photo Taken: Northeast		
Description: Site cover and frozen standing water at southeastern prong of Site. Post office in background.		



Photographic Log

Client Name: Highland Park Village LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 11	Date: 2-16-18		
Direction Photo Taken: North			
Description: Site cover and boundary at northern side of southeastern site prong.			

Photo No. 12	Date: 2-16-18		
Direction Photo Taken: North			
Description: Site cover and eastern Site boundary (west of the post office)			



Photographic Log

Client Name: Highland Park Village LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 13	Date: 2-16-18		
Direction Photo Taken: West			
Description: Site cover with piles of recycled asphalt and concrete in background.			

Photo No. 14	Date: 2-16-18		
Direction Photo Taken: North			
Description: Site cover and northern Site boundary.			



Photographic Log

Client Name: Highland Park Village LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 15	Date: 2-16-18		
Direction Photo Taken: North			
Description: Locked and barricaded northern Site entrance at Hill Street.			

Photo No. 16	Date: 2-16-18	
Direction Photo Taken: West		
Description: Site cover and northern Site boundary.		



Photographic Log

Client Name: Highland Park Village LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 17	Date: 2-16-18		
Direction Photo Taken: Southwest			
Description: Site cover and poly-covered pile of soil/fill.			

Photo No. 18	Date: 2-16-18	
Direction Photo Taken: South		
Description: View of Hill Street extension from north to south.		



Photographic Log

Client Name: Highland Park Village LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 19	Date: 2-16-18		
Direction Photo Taken: East			
Description: Site cover along northern site boundary.			

Photo No. 20	Date: 2-16-18	
Direction Photo Taken: Northwest		
Description: Small pile of solid waste/demolition debris along northern fence line from unknown source.		



Photographic Log

Client Name: Highland Park Village LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 21	Date: 2-16-18		
Direction Photo Taken: West			
Description: Site cover near western end of northern site boundary.			

Photo No. 22	Date: 2-16-18	
Direction Photo Taken: Southwest		
Description: Active construction of Building #1.		



Photographic Log

Client Name: Highland Park Village LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 23	Date: 2-16-18		
Direction Photo Taken: South			
Description: Site cover along northern end of western site boundary and active construction of building #1.			

Photo No. 24	Date: 2-16-18	
Direction Photo Taken: East		
Description: Site cover system.		



Photographic Log

Client Name: Highland Park Village LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 25	Date: 2-16-18		
Direction Photo Taken: Southeast			
Description: Foundation of Building #2. Field office trailer in background.			

Photo No. 26	Date: 2-16-18	
Direction Photo Taken: South		
Description: Site cover in foreground. Building #3 foundation in background.		



Photographic Log


Client Name: Highland Park Village LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 27	Date: 2-16-18		
Direction Photo Taken: East/Northeast			
Description: Clean soil stockpile in foreground. Poly-covered pile of soil/fill in background.			

Photo No.	Date:	
Direction Photo Taken:		
Description:		

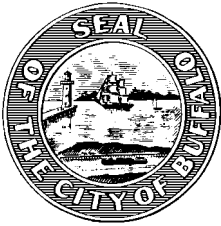


APPENDIX C

BUILDING PERMITS

BUILDING PERMIT

Building #1 - 189 HOLDEN



Byron W. Brown, Mayor

BUILDING PERMIT

Department of Permit & Inspection Services

65 Niagara Sq Rm. 301

Buffalo, NY 14202

Department of Permit & Inspection Services

... Building a Better Buffalo

Application Type: General Construction Permit

You must contact the Inspector at (716)851-5767 or at the number listed below prior to starting any work.

Application/Permit No.: GC17-9434834

Location: 189 HOLDEN

Applicant: LP CIMINELLI
2421 MAIN ST
BUFFALO, NY 14214
USA

SBL No.:

Land Use:

Census Tract: 40.01

Inspector: SEAN E SULLIVAN (716)851-5767

Description of Work: ERECT 3-STORY FRAME 13-UNIT MULTIPLE DWELLING "BUILDING 1 OF HIGHLAND PARK". 5-UNITS ON 1ST FLOOR, 8-UNITS THAT SPAN 2ND & 3RD FLOORS. **SITEWORK IS UNDER 129 HOLDEN. 189 HOLDEN TO REFERENCE PLANS ASSOCIATED WITH A/P# 9434794**

Issue Date: 10/17/2017

Issued By: camdur

Expire Date: 04/17/2018

Fees: \$9,402.00

License No.:

License Type: Light Commercial Contractor

Value: \$1,500,000.00

Plans: Yes

**YOU MUST CONTACT YOUR INSPECTOR
PRIOR TO STARTING ANY WORK**

James Comerford Jr.

Commissioner, Permit & Inspection Services

Thank you for investing in the City of Buffalo

AND AS SHOWN ON APPLICATION NUMBERED ABOVE, WHICH APPLICATION IS MADE PART OF THIS PERMIT.
*** ALL GENERAL CONTRACTORS AND SUB-CONTRACTORS MUST CARRY A CITY LICENSE ***
ALL WORK PERFORMED AND ANY ASSOCIATED PLANS SUBMITTED FOR THE ISSUANCE OF THIS PERMIT, SHALL COMPLY WITH ALL APPLICABLE STATE AND LOCAL CODES, ORDINANCES AND REGULATIONS.
THIS PERMIT IS VOID IF FOUND TO BE ISSUED IN VIOLATION OF ANY LAW OR ORDINANCE AND CONDITIONS STATED ABOVE.

THIS PERMIT MUST BE DISPLAYED WHERE IT IS VISIBLE FROM THE STREET

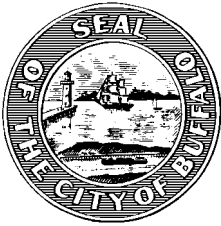
Signature of Contact/Contractor _____

Date: 11/9/2017

Apply for your next Building Permit online at <http://www.city-buffalo.com>

BUILDING PERMIT

Building #2 - 196 CHALMERS



Byron W. Brown, Mayor

BUILDING PERMIT

Department of Permit & Inspection Services

65 Niagara Sq Rm. 301

Buffalo, NY 14202

Department of Permit & Inspection Services

... Building a Better Buffalo

Application Type: General Construction Permit

You must contact the Inspector at (716)851-5767 or at the number listed below prior to starting any work.

Application/Permit No.: GC17-9434835

Location: 196 CHALMERS

Applicant: LP CIMINELLI
2421 MAIN ST
BUFFALO, NY 14214
USA

SBL No.:

Land Use:

Census Tract: 40.01

Inspector: SEAN E SULLIVAN (716)851-5767

Description of Work: ERECT 3-STORY FRAME 13-UNIT MULTIPLE DWELLING "BUILDING 2 OF HIGHLAND PARK". 5-UNITS ON 1ST FLOOR, 8-UNITS THAT SPAN 2ND & 3RD FLOORS. **SITEWORK IS UNDER 129 HOLDEN. 196 CHALMERS TO REFERENCE PLANS ASSOCIATED WITH A/P# 9434794**

Issue Date: 10/17/2017

Issued By: camdur

Expire Date: 04/17/2018

Fees: \$9,402.00

License No.:

License Type: Light Commercial Contractor

Value: \$1,500,000.00

Plans: Yes

**YOU MUST CONTACT YOUR INSPECTOR
PRIOR TO STARTING ANY WORK**

James Comerford Jr.

Commissioner, Permit & Inspection Services

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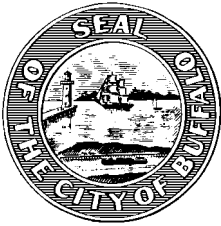
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Signature of Contact/Contractor _____ Date: 11/9/2017

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BUILDING PERMIT

Building #3 - 144 CHALMERS



Byron W. Brown, Mayor

BUILDING PERMIT

Department of Permit & Inspection Services

65 Niagara Sq Rm. 301

Buffalo, NY 14202

Department of Permit & Inspection Services

... Building a Better Buffalo

Application Type: General Construction Permit

You must contact the Inspector at (716)851-5767 or at the number listed below prior to starting any work.

Application/Permit No.: GC17-9434836

Location: 144 CHALMERS

Applicant: LP CIMINELLI
2421 MAIN ST
BUFFALO, NY 14214
USA

SBL No.:

Land Use:

Census Track: 40.01

Inspector: SEAN E SULLIVAN (716)851-5767

Description of Work: ERECT 3-STORY FRAME 13-UNIT MULTIPLE DWELLING "BUILDING 3 OF HIGHLAND PARK". 5-UNITS ON 1ST FLOOR, 8-UNITS THAT SPAN 2ND & 3RD FLOORS. **SITEWORK IS UNDER 129 HOLDEN. 144 CHALMERS TO REFERENCE PLANS ASSOCIATED WITH A/P# 9434794**

Issue Date: 10/17/2017

Issued By: camdur

Expire Date: 04/17/2018

Fees: \$9,402.00

License No.:

License Type: Light Commercial Contractor

Value: \$1,500,000.00

Plans: Yes

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Signature of Contact/Contractor _____ Date: 11/9/2017

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BUILDING PERMIT

Building #4 - 129 HOLDEN



Byron W. Brown, Mayor

BUILDING PERMIT

Department of Permit & Inspection Services

65 Niagara Sq Rm. 301
Buffalo, NY 14202

Department of Permit & Inspection Services

.... Building a Better Buffalo

Application Type: General Construction Permit

You must contact the Inspector at (716)851-5767 or at the number listed below prior to starting any work.

Application/Permit No.: GC17-9434794

Location: 117 CHALMERS

Applicant: LP CIMINELLI
2421 MAIN ST
BUFFALO, NY 14214
USA

SBL No.:

Land Use:

Census Track: 40.01

Inspector: SEAN E SULLIVAN (716)851-5767

Issue Date: 11/08/2017

Issued By: dkrug

Expire Date: 05/08/2018

Fees: \$9,402.00

License No.:

License Type: Light Commercial Contractor

Value: \$1,500,000.00

Plans: Yes

Description of Work: ERECT 3-STORY FRAME 13-UNIT MULTIPLE DWELLING "BUILDING 4 OF HIGHLAND PARK". 5-UNITS ON 1ST FLOOR, 8-UNITS THAT SPAN 2ND & 3RD FLOORS. **SITEWORK IS UNDER 129 HOLDEN. 189 HOLDEN, 196 CHALMERS, AND 144 CHALMERS TO REFERENCE PLANS ASSOCIATED WITH THIS PERMIT**

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Signature of Contact/Contractor _____ Date: 11/8/2017

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BUILDING PERMIT

FOUNDATIONS OF BUILDINGS 1, 2, and 3 AND SITE



Byron W. Brown, Mayor

BUILDING PERMIT

Department of Permit & Inspection Services

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Buffalo, NY 14202

Department of Permit & Inspection Services

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Application Type: General Construction Permit

You must contact the Inspector at (716)851-5767 or at the number listed below prior to starting any work.

Application/Permit No.: GC17-9434836

Location: 144 CHALMERS

Applicant: LP CIMINELLI
2421 MAIN ST
BUFFALO, NY 14214
USA

SBL No.:

Land Use:

Census Track: 40.01

Inspector: SEAN E SULLIVAN (716)851-5767

Description of Work: ERECT 3-STORY FRAME 13-UNIT MULTIPLE DWELLING "BUILDING 3 OF HIGHLAND PARK". 5-UNITS ON 1ST FLOOR, 8-UNITS THAT SPAN 2ND & 3RD FLOORS. **SITEWORK IS UNDER 129 HOLDEN. 144 CHALMERS TO REFERENCE PLANS ASSOCIATED WITH A/P# 9434794** PHASE 1 - FOUNDATIONS ONLY

Issue Date: 10/17/2017

Issued By: camdur

Expire Date: 04/17/2018

Fees: \$9,402.00

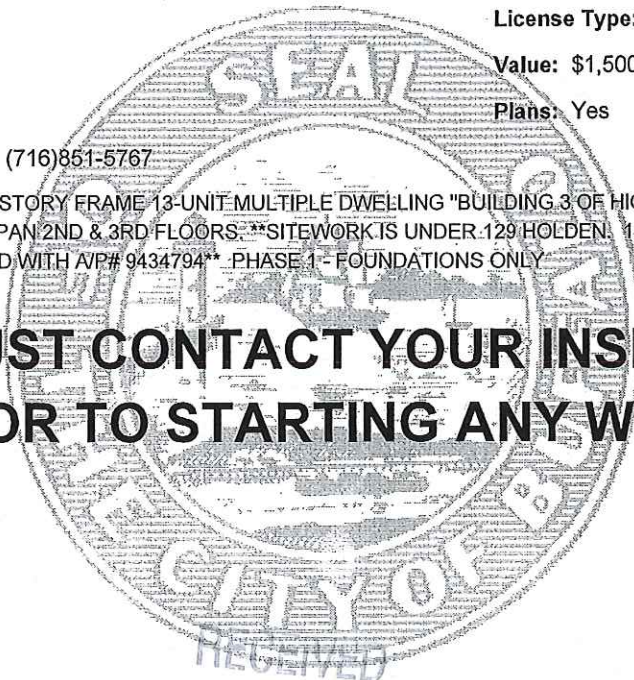
License No.:

License Type: Light Commercial Contractor

Value: \$1,500,000.00

Plans: Yes

**YOU MUST CONTACT YOUR INSPECTOR
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OCT 17 2017

COB TREASURY

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Commissioner, Permit & Inspection Services

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Date: 10/17/2017

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301 City Hall
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Buffalo, NY 14202
716-851-4078

Department of Public Works & Engineering

Payment Transaction Receipt

Report Date: 10/17/2017

Page 1 of 1

Application # **GC17-9434836**

Transaction Date: **10/17/2017 2:19:36PM**

Customer

Payment #: **1082207**

CIMINELLI REAL ESTATE BRAD PACKARD
CENTERPOINTE CORPORATE PARK
350 ESSJAY ROAD

Transaction By: **CPUGH**

Trans Type: **9**

Property/Project Address: **144 CHALMERS 14214**

Line Items

TRANS NO	BUDGET #	AMOUNT	FEE CODE	FEE DESCRIPTION	TRANS DATE
4563649		\$8,424.00	GC	Permit Fee	10/17/2017

Payment Details

PAYMENT AMOUNT **\$8,424.00**
METHOD **CHECK**
RECEIVED ON **10/17/2017 2:19:00PM**
PAYMENT ENTERED **10/17/2017 2:19:35PM**
CARDAUTH
CARD EXPIRE DATE
CARDTYPE

CHECKNO **37311**
CHECK BANK
CHECK NAME

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BUILDING PERMIT

Department of Permit & Inspection Services

65 Niagara Sq. Rm. 301

Buffalo, NY 14202

Department of Permit & Inspection Services

Building a Better Buffalo

Application Type: General Construction Permit

You must contact the Inspector at (716)851-5767 or at the number listed below prior to starting any work.

Application/Permit No.: GC17-9434835

Location: 196 CHALMERS

Applicant: LP CIMINELLI

2421 MAIN ST

BUFFALO, NY 14214

USA

SBL No.:

Land Use:

Census Track: 40.01

Inspector: SEAN E SULLIVAN (716)851-5767

Description of Work: ERECT 3-STORY FRAME 13-UNIT MULTIPLE DWELLING "BUILDING 2 OF HIGHLAND PARK". 5-UNITS ON 1ST FLOOR, 8-UNITS THAT SPAN 2ND & 3RD FLOORS. **SITEWORK IS UNDER 129 HOLDEN. 196 CHALMERS TO REFERENCE PLANS ASSOCIATED WITH A/P# 9434794** - PHASE 1 - FOUNDATIONS ONLY

Issue Date: 10/17/2017

Issued By: camdur

Expire Date: 04/17/2018

Fees: \$9,402.00

License No.:

License Type: Light Commercial Contractor

Value: \$1,500,000.00

Plans: Yes

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PRIOR TO STARTING ANY WORK**

COB TREASURY

James Comerford Jr.

Commissioner, Permit & Inspection Services

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Date: 10/17/2017

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Buffalo, NY 14202
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Payment Transaction Receipt

Report Date: 10/17/2017

Page 1 of 1

Application # **GC17-9434835**

Transaction Date: **10/17/2017 2:18:32PM**

Customer

Payment #: **1082205**

CIMINELLI REAL ESTATE BRAD PACKARD
CENTERPOINTE CORPORATE PARK
350 ESSJAY ROAD

Transaction By: **CPUGH**

Trans Type: **9**

Property/Project Address: **196 CHALMERS 14214**

Line Items

TRANS NO	BUDGET #	AMOUNT	FEE CODE	FEE DESCRIPTION	TRANS DATE
4563646		\$8,424.00	GC	Permit Fee	10/17/2017

Payment Details

PAYMENT AMOUNT \$8,424.00
METHOD CHECK
RECEIVED ON 10/17/2017 2:18:00PM
PAYMENT ENTERED 10/17/2017 2:18:30PM
CARDAUTH
CARD EXPIRE DATE
CARDTYPE

CHECKNO 37311
CHECK BANK
CHECK NAME

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Application Type: General Construction Permit

You must contact the Inspector at (716)851-5767 or at the number listed below prior to starting any work.

Application/Permit No.: GC17-9434834

Location: 189 HOLDEN

Applicant: LP CIMINELLI
2421 MAIN ST
BUFFALO, NY 14214
USA

SBL No.:

Land Use:

Census Track: 40.01

Inspector: SEAN E SULLIVAN (716)851-5767

Description of Work: ERECT 3-STORY FRAME 13-UNIT MULTIPLE DWELLING "BUILDING 1 OF HIGHLAND PARK". 5-UNITS ON 1ST FLOOR, 8-UNITS THAT SPAN 2ND & 3RD FLOORS. **SITEWORK IS UNDER 129 HOLDEN. 189 HOLDEN TO REFERENCE PLANS ASSOCIATED WITH A/R# 9434794** PHASE 1 - FOUNDATIONS ONLY

Issue Date: 10/17/2017

Issued By: camdur

Expire Date: 04/17/2018

Fees: \$9,402.00

License No.:

License Type: Light Commercial Contractor

Value: \$1,500,000.00

Plans: Yes

**YOU MUST CONTACT YOUR INSPECTOR
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Date: 10/17/2017

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Payment Transaction Receipt

Report Date: 10/17/2017

Page 1 of 1

Application # **GC17-9434834**

Transaction Date: **10/17/2017 2:17:25PM**

Customer

Payment #: **1082204**

CIMINELLI REAL ESTATE BRAD PACKARD
CENTERPOINTE CORPORATE PARK
350 ESSJAY ROAD

Transaction By: **CPUGH**

Trans Type: **9**

Property/Project Address: **189 HOLDEN 14214**

Line Items

TRANS NO	BUDGET #	AMOUNT	FEE CODE	FEE DESCRIPTION	TRANS DATE
4563645		\$8,424.00	GC	Permit Fee	10/17/2017

Payment Details

PAYMENT AMOUNT **\$8,424.00**
METHOD **CHECK**
RECEIVED ON **10/17/2017 2:17:00PM**
PAYMENT ENTERED **10/17/2017 2:17:21PM**
CARDAUTH
CARD EXPIRE DATE
CARDTYPE

CHECKNO **37311**
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CHECK NAME

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BUILDING PERMIT

Department of Permit & Inspection Services

65 Niagara Sq Rm. 301

Buffalo, NY 14202

Department of Permit & Inspection Services

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Application Type: General Construction Permit

You must contact the Inspector at (716)851-5767 or at the number listed below prior to starting any work.

Application/Permit No.: GC17-9428412

Location: 129 HOLDEN

Applicant: LP CIMINELLI
2421 MAIN ST
BUFFALO, NY 14214
USA

SBL No.: 0902900002043100

Land Use: 330

Census Tract: 40.01

Inspector: SEAN E SULLIVAN (716)851-5767

Description of Work: MAJOR SUBDIVISION OF VACANT PARCEL TO CREATE (38) NEW PARCELS TOTAL FOR (4) MULTIFAMILY 'STACKED UNITS', (32) SINGLE FAMILY 'ATTACHED HOUSE' UNITS, AND (2) PARKING LOTS. PROJECT ALSO INCLUDES CONSTRUCTION OF NEW PRIVATE RIGHTS OF WAY. PHASE 1 INCLUDES SITEWORK ASSOCIATED WITH 189 HOLDEN AND 196, 144, & 117 CHALMERS.

Issue Date: 10/17/2017

Issued By: camdur

Expire Date: 04/17/2018

Fees: \$4,148.00

License No.:

License Type: Light Commercial Contractor

Value: \$1.00

Plans: No

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Commissioner, Permit & Inspection Services

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Signature of Contact/Contractor _____ Date: 10/17/2017

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716-851-4078

Payment Transaction Receipt

Report Date: 10/17/2017

Page 1 of 1

Application # **GC17-9428412**

Transaction Date: **10/17/2017 2:16:03PM**

Customer

Payment #: **1082203**

LLC HIGHLAND PARK VILLAGE
2421 MAIN ST
BUFFALO, NY 14214

Transaction By: **CPUGH**

Trans Type: **9**

Property/Project Address: **129 HOLDEN 14214**

Line Items

TRANS NO	BUDGET #	AMOUNT	FEE CODE	FEE DESCRIPTION	TRANS DATE
4563644		\$3,576.00	GC	Permit Fee	10/17/2017

Payment Details

PAYMENT AMOUNT **\$3,576.00**
METHOD **CHECK**
RECEIVED ON **10/17/2017 2:15:00PM**
PAYMENT ENTERED **10/17/2017 2:16:00PM**
CARDAUTH
CARD EXPIRE DATE
CARDTYPE

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APPENDIX D

PROGRESS REPORT



Proactive by Design

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ENVIRONMENTAL
ECOLOGICAL
WATER
CONSTRUCTION
MANAGEMENT

GZA GeoEnvironmental of NY
300 Pearl Street
Suite 700
Buffalo, NY 14202
T: 716-685-2300
F: 716-248-1472
www.gza.com



VIA EMAIL

January 22, 2018

Mr. Jaspal Walia
NYSDEC Region 9
Division of Environmental Remediation
270 Michigan Avenue
Buffalo, New York 14203
email: jaspal.walia@dec.ny.gov

Re: Site Redevelopment Progress Report #1
129 Holden Street Site
Buffalo, New York (BCP Site C915261)

On behalf of Highland Park Village LLC (Highland), GZA GeoEnvironmental of New York (GZA) hereby provides to the New York State Department of Environmental Conservation (NYSDEC) this site redevelopment progress report for the 129 Holden Street Brownfield Cleanup Program (BCP) site. This report pertains to recent ground disturbance activities related to the first phase (Phase IA) of site redevelopment. This is the first progress report submitted since completion of the Site remedy under the BCP.

DESCRIPTION OF WORK:

Highland began the first phase of Site redevelopment construction, which will include 41 residential units, at the northwestern corner of the 27-acre BCP Site. The total area of site disturbance of this first phase is approximately 4.5 acres as illustrated on the conceptual redevelopment Plan, Attachment 1. The first phase of construction includes several multi-unit residential buildings and related roadways, parking lots, walkways, greenspace, and landscaping. Excavation beneath the demarcation layer was conducted as necessary for installation of foundation footers and underground utilities.

Highland hired GZA to provide environmental services during the field work in support of implementation of the Site Management Plan (SMP). GZA's services included the following:

- Preparation and submittal of a 15-day pre-construction notice to NYSDEC;
- Field observation, soil screening, and documentation of intrusive and construction work relating to the site cover system;
- Community air monitoring of airborne dust during earth moving activities, following the site-specific Community Air Monitoring Plan (CAMP), a copy of which was provided with the 15-day notice to NYSDEC.



SUMMARY OF SITE REMEDY:

Site investigations identified elevated concentrations of Contaminants of Concern (COCs) within the on-Site soil/fill. The COCs identified include five polycyclic aromatic hydrocarbons (PAHs) and five metals. Site-specific action levels for each COC, called Proposed Excavation Limit Thresholds (PELTs) were statistically calculated and used as cleanup thresholds. Five areas of the site were identified as having one or more COC present at concentrations greater than the PELTs. These five “Hot Spots” were excavated, and the impacted soil/fill removed and properly disposed off-site. A minimum 24-inch thick cover of imported clean soil was placed over the entire site to achieve a Track 4 remediation for restricted residential use under the BCP.

In support of the planned redevelopment of the Site for new residential housing, the site cover system allows for various hard-scape features including paved roads and parking lots, building foundations, and walkways. To help differentiate site cover materials from the underlying impacted soil/fill materials, a demarcation layer of plastic orange mesh was placed on the surface of the impacted soil/fill prior to placement of the imported clean soil cover material. Identification and management of the demarcation layer is necessary during intrusive activities to maintain the required cover system and to implement the SMP.

SUMMARY OF REDEVELOPMENT CONSTRUCTION WORK PERFORMED:

Highland’s contractors (Milherst Construction and Brawdy Construction) began field work on October 16, 2017. GZA monitored construction work that involved disturbance and/or changes to the site cover system, this work included the following tasks:

- Removal and stockpiling of clean cover soils for later replacement;
- Excavation and placement of building foundation footers;
- Excavation and placement of sewer pipelines; and
- Excavation and construction of a large, sub-grade, stormwater retention structure.

Figure 1 illustrates the approximate locations of the above-listed features constructed. Attachment 2 provides copies of the Daily Field Reports which document the construction and monitoring work performed each day along with photos taken and weather conditions. Attachment 3 provides a log of representative photos of site conditions and work progress.

IMPLEMENTATION OF THE SMP:

GZA observed and documented several aspects of the construction work for compliance with Excavation Work Plan (EWP) and the SMP, as follows:

Community Air Monitoring:

GZA implemented the Site-Specific CAMP that was provided to NYSDEC as part of the 15-day notice.

Real-time air monitoring for airborne dust particulates was performed directly upwind of the work site and at the downwind property boundary. The dust monitoring was performed each, non-rainy, day on which the contractor was conducting earth movement. A visual assessment for fugitive dust migration also was performed during work



activities involving earth disturbance. On three days during the monitoring period site conditions were saturated, thus airborne dust generation was not possible nor electronically monitored, these days were November 2, November 6, and November 14.

A downwind dust action level of 0.1 milligrams per cubic meter (mg/m^3) greater than background was used. In addition, if airborne dust was observed leaving the work area, then dust suppression techniques were to be employed.

Airborne dust was rarely observed on site and was not observed leaving the site boundaries. Dust monitor data show very few occasions of dust at concentrations above the $0.1\text{mg}/\text{m}^3$ action level.

Dates of exceedances of the action level for particulates and the associated response actions are provided in the table below.

Date	Mitigation Activities
11/22/2017	Street sweeper being used to clean Chalmers Street within Site limits. Short-term event and no dust observed exiting the Site boundary.
11/27/2017	Upwind monitor exceedance from vehicular traffic creating dust at saw cut area for stormwater manhole in Holden St. Short-term event and no dust observed exiting the Site boundary.
11/29/2017	Haul route changed and trucks instructed to travel slow through dry areas to reduce dust generation.

Daily results of the up and downwind dust monitoring are attached to the Daily Field Reports provided in Attachment 2.

VOC monitoring was also conducted at the immediate perimeter of the work areas. A hand-held photo-ionization detector (PID) with a 10.6 electron volt (eV) bulb (MiniRAE 3000) was used to monitor active excavations and the disturbed soil/fill beneath the demarcation layer. No PID readings above site background were encountered during the work.

Soil Screening:

GZA conducted monitoring and field screening during excavation of soil/fill material from below the demarcation layer, referring to the procedures in the SMP. GZA observed no evidence of contamination including odor, liquid products, oily sheen, homogenous ash-like material. Also, evidence of organic contamination was not evidenced by the PID, e.g. readings greater than 10-parts per million above background levels. No underground tanks or other previously unidentified contaminant sources were found during construction and no impacted soil/fill was encountered that would require off-site disposal.

On-site material, that was acceptable for reuse on-site was temporarily stockpiled and/or placed below the demarcation layer and site cover system and not reused within a cover soil layer, within landscaping berms, or as backfill for subsurface utility lines.



Cover System Restoration:

The Site cover system, a minimum 24-inches of clean soil or hardscape features, was re-established as part of the redevelopment work.

Source(s) of Backfill and Top Soil:

Highland's contractor, Milherst Construction, obtained crushed rock for use as excavation backfill and pavement subbase. The source of the rock was a quarry owned by Lafarge, located on Hinman Road in Lockport, New York. Attachment 4 provides a letter from the quarry stating that the source is virgin rock from a NYSDEC-approved source.

Redevelopment Phase 1A continues, weather permitting, with construction of the above-grade portion of the new residential structures.

We trust this progress report meets your current needs. If you have any questions, please call Jim Richert at (716) 844-7048.

Sincerely,

GZA GEOENVIRONMENTAL OF NEW YORK

A handwritten signature in blue ink that reads 'Jim Richert'.

James J. Richert, P.G.
Senior Project Manager

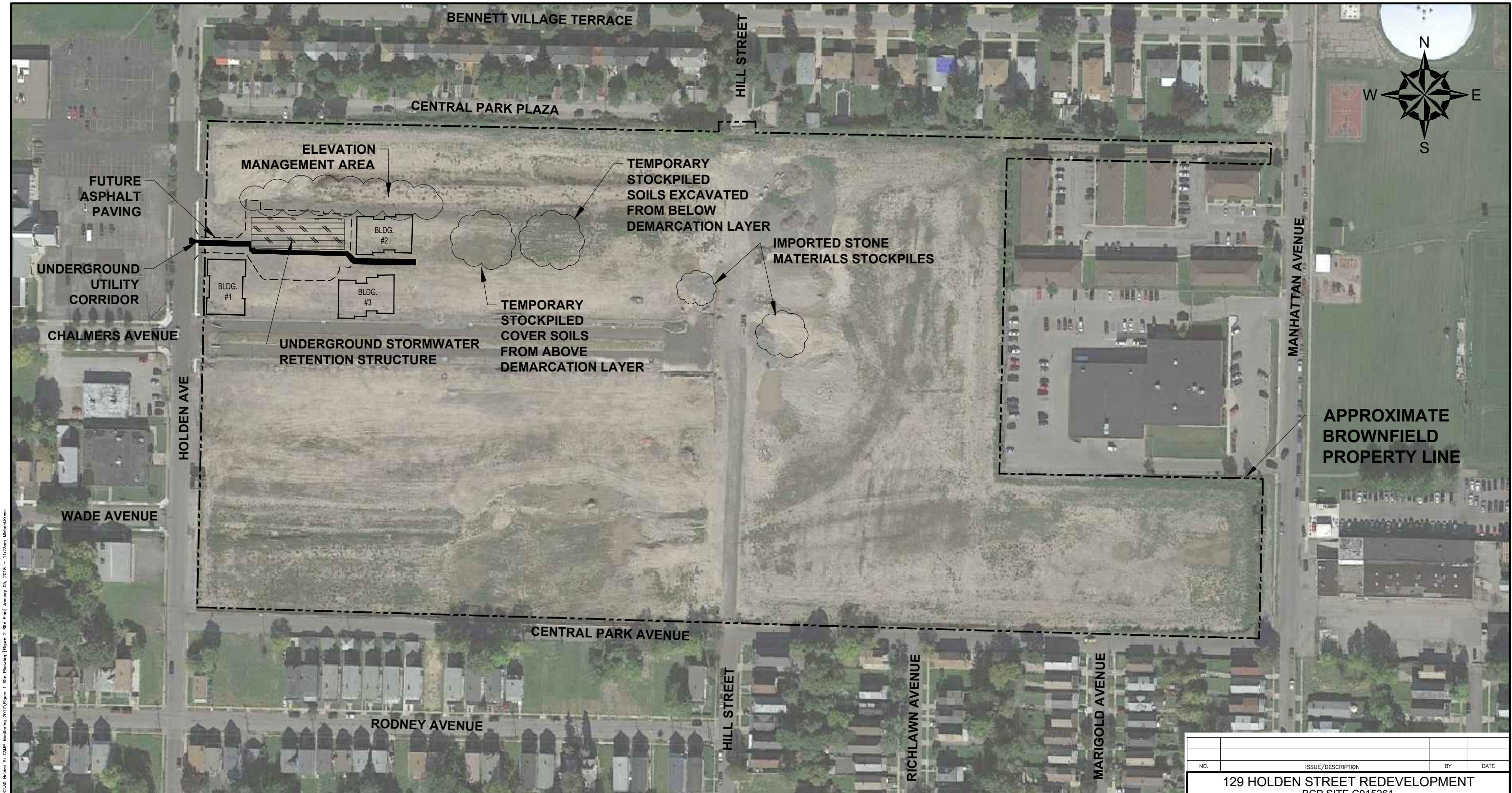
A handwritten signature in blue ink that reads 'Bart A. Klettke'.

Bart A. Klettke, P.E.
Principal

Attachments:

Figure 1	Site Plan
Attachment 1	Conceptual Redevelopment Plan
Attachment 2	Daily Field Report with CAMP Air Results
Attachment 3	Photo Log
Attachment 4	Letter from Quarry – Clean Stone Backfill

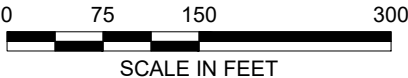
Cc: Chad Staniszewski (NYSDEC)
John Ciminelli (Highland Park Village LLC)
Peter Spada (Highland Park Village LLC)
Danielle Zientec (Highland Park Village LLC)




©2018 - GZA GeoEnvironmental of N.Y. G24-101-PROJECTS/56600/56642.30, Holden St. CAMP Monitoring 2017, Figure 1 Site Plan.dwg [Figure 2 Site Plan] January 05, 2018 - 11:23am Michael Kress

NOTES:

- 1. BASE MAP ADAPTED FROM A 2016 AERIAL PHOTO DOWNLOADED FROM GOOGLE EARTH PRO AND FIELD OBSERVATIONS.
- 2. THE SIZE AND LOCATION OF EXISTING SITE FEATURES SHOULD BE CONSIDERED APPROXIMATE.



UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

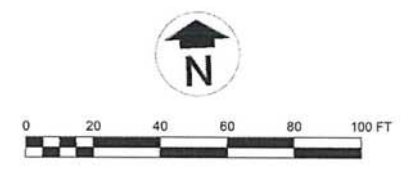
NO.	ISSUE/DESCRIPTION	BY	DATE
129 HOLDEN STREET REDEVELOPMENT BCP SITE C915261 129 HOLDEN STREET BUFFALO, NEW YORK			
PHASE 1A INTRUSIVE WORK OVERSIGHT AND COMMUNITY AIR MONITORING			
PREPARED BY:  GZA GeoEnvironmental of N.Y. Engineers and Scientists 300 PEARL STREET, SUITE 700 BUFFALO, NEW YORK 14203 (716) 685-2300		PREPARED FOR: HIGHLAND PARK VILLAGE, LLC	
PROJ MGR: JR	REVIEWED BY: BAK	CHECKED BY:	FIGURE 1
DESIGNED BY:	DRAWN BY: MDK	SCALE: AS SHOWN	
DATE JANUARY 2018	PROJECT NO. 21.0056642.30	REVISION NO.	

ATTACHMENT 1

CONCEPTUAL REDEVELOPMENT PLAN



- LEGEND:**
- Large Shade Tree
 - Medium Shade Tree
 - Small Ornamental Tree
 - Evergreen Tree
 - Shrub and Groundcover
 - Lawn Area
 - Feature Planting- (Assorted Perennials)



1 SITE PLAN
SCALE: 1"=20'

PROJECT NAME/LOCATION: HIGHLAND PARK		CIVIL/LANDSCAPE / STRUCTURAL WENDEL 375 ESCAY ROAD SUITE 200 BUFFALO, NY 14221 716.688.0766		ARCHITECT OF RECORD HHL Architects 716.688.0766 hhlarchitects.com		DRAWING TITLE LANDSCAPE RENDERING		DRAWING NUMBER 1-L103	
DESCRIPTION (NEW APARTMENTS- PHASE 1) 129 HOLDEN STREET BUFFALO, NY 14214 CARRELL REAL ESTATE CORPORATION PROJECT NUMBER: 1459.00		MEP BUFFALO ENGINEERING 177 ASHLAND SUITE 20A BUFFALO, NY 14225 716.633.5300		ISSUED FOR CONSTRUCTION DESIGN DEVELOPMENT X CONSTRUCTION DOCUMENTS DATE NO.		REVISIONS AFTER ISSUANCE DATE NO.		SEAL REGISTERED LANDSCAPE ARCHITECT STATE OF NEW YORK ISSUE DATE: 02.17.17	

ATTACHMENT 2

DAILY FIELD SUMMARIES WITH CAMP AIR MONITORING RESULTS

DAILY FIELD SUMMARY FORM

DATE: 10/16 2017

FILE No. 21.0056642.30

REPORT No. 17- 01

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

GENERAL WEATHER CONDITIONS: P. Sunny

Temp Range: 46 to 49 °F

Wind Speed: 4-10 mph

Wind Direction: NW → SE

Time GZA Arrived on Site: 0800

Site Conditions: Damp

Contractors on Site: 0700

- GZA Personnel On-Site: D. WOLF
- GZA's Equipment On-Site: Z-TSI 8530 DUSTTRAK II's
1-MIN RATE 3000 PID

Name of NYSDEC Representative(s) on Site:

Time of arrival:

Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- EXCAVATION OF WESTERN EDGE OF BUILDING #1
- STOCKPILING OF SUITABLE SOILS EXCAVATED THIS DATE
- NO SOIL FROM BELOW THE DEMPARK WAS HANDLED THIS DATE
- INSTALLED SILTATION BOOM ALONG FENCE TO THE WEST OF EXCAVATION
- ALL ITEMS PERFORMED BY MICHAELST CONSTRUCTION,

Photos taken: 9189-9205

Time GZA left Site: 1630

Prepared by: D. WOLF

Reviewed by: J. Richert

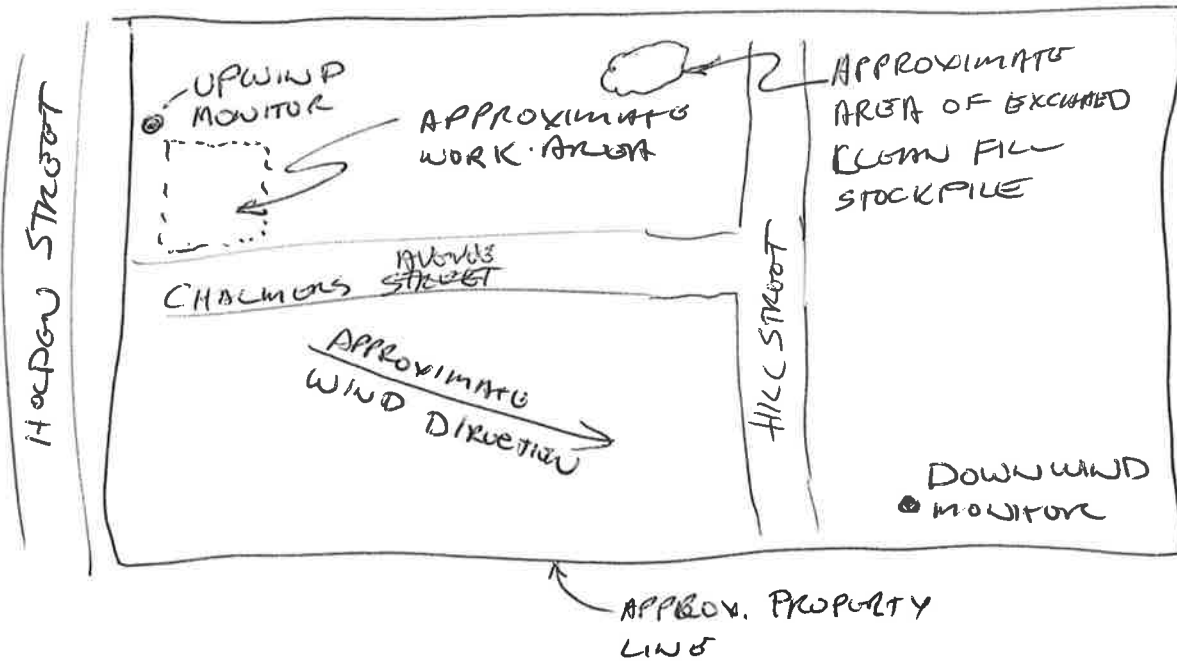
DAILY FIELD SUMMARY FORM

DATE: 10/16/2017

FILE No. 21.0056642.30

REPORT No. 17-01

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

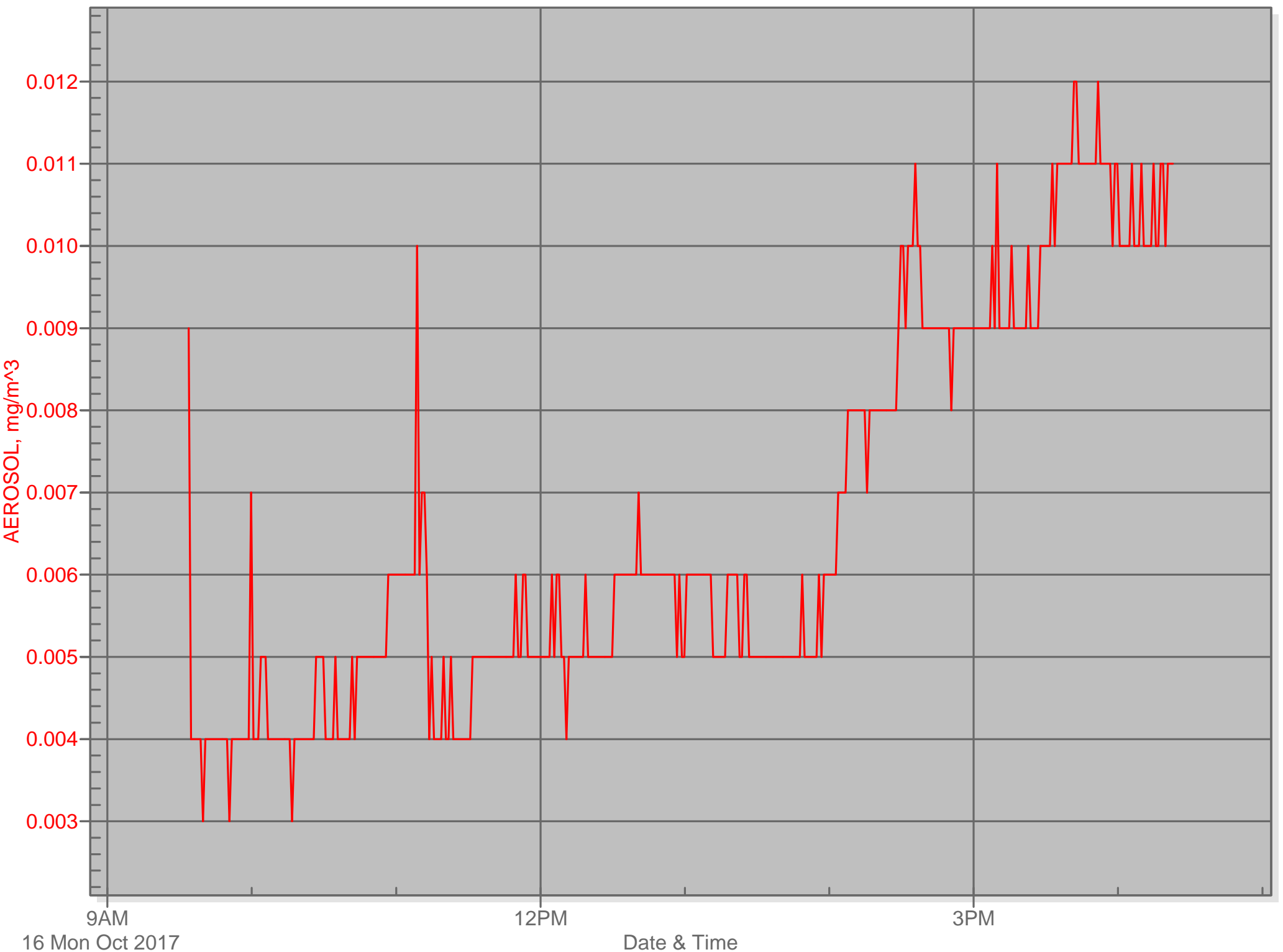


Test 001

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Instrument S/N	8530153315	Start Time	09:32:44
		Stop Date	10/16/2017
		Stop Time	16:22:44
		Total Time	0:06:50:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.007 mg/m ³
Max	0.012 mg/m ³
Max Date	10/16/2017
Max Time	15:41:44
Min	0.003 mg/m ³
Min Date	10/16/2017
Min Time	09:39:44
TWA (8 hr)	0.006
TWA Start Date	10/16/2017
TWA Start Time	09:32:44
TWA End Time	16:22:44

129 Holden St
10-16-2017

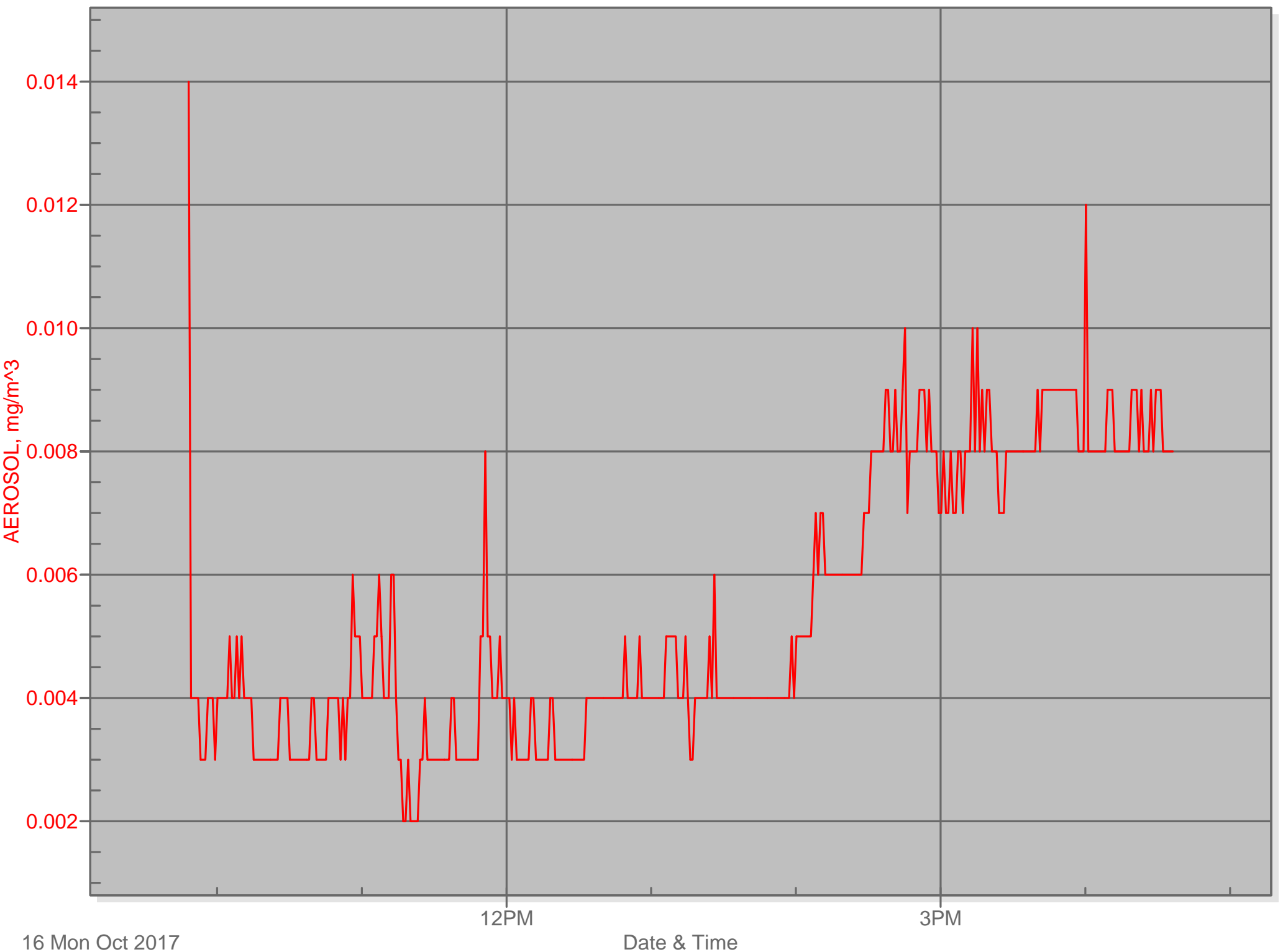


Test 001

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Model	DustTrak II	Start Date	10/16/2017
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		Stop Date	10/16/2017
		Stop Time	16:36:12
		Total Time	0:06:49:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.005 mg/m ³
Max	0.014 mg/m ³
Max Date	10/16/2017
Max Time	09:48:12
Min	0.002 mg/m ³
Min Date	10/16/2017
Min Time	11:17:12
TWA (8 hr)	0.005
TWA Start Date	10/16/2017
TWA Start Time	09:47:12
TWA End Time	16:36:12

129 Holden St
10-16-2017



DAILY FIELD SUMMARY FORM

DATE: 10/17/2017

FILE No. 21.0056642.30

REPORT No. 17- 02

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

GENERAL WEATHER CONDITIONS: M, Sunny

Temp Range: 37 to 60°F

Wind Speed: 10 - 20 mph

Wind Direction: S → N

Time GZA Arrived on Site: 0730

Site Conditions: Damp

Contractors on Site: 0730

- GZA Personnel On-Site: D. WOLF
- GZA's Equipment On-Site: 2 - TSI 8530 DUST TRUCK #1's
1 - MINING 3000 PID

Name of NYSDEC Representative(s) on Site:

Time of arrival:

Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

MCHUGHST CONSTRUCTION PERFORMED THE FOLLOWING:

- CONTINUING TO REMOVE SUITABLE COVER FROM BUILDING #1 FOOTPRINT
- EXCAVATION OF SUITABLE SOIL DOWN TO DEMARK FOR PUTECHMENT OF EXCAVED IMPACTED SOILS
- SEVERAL TRACTOR TRAILER LOAD OF STONE WERE DELIVERED THIS DATE
- COMPACTING SUBGRADE SURFACE WITHIN BUILDING #1 FOOTPRINT WITH A VIBRATORY TAMPER
- PLACED GEOTEXTILE UPON THE SUBGRADE WITHIN THE BUILDING #1 FOOTPRINT

Photos taken: 9206-9221

Time GZA left Site: 1700

Prepared by: D. WOLF

Reviewed by: J. Richert

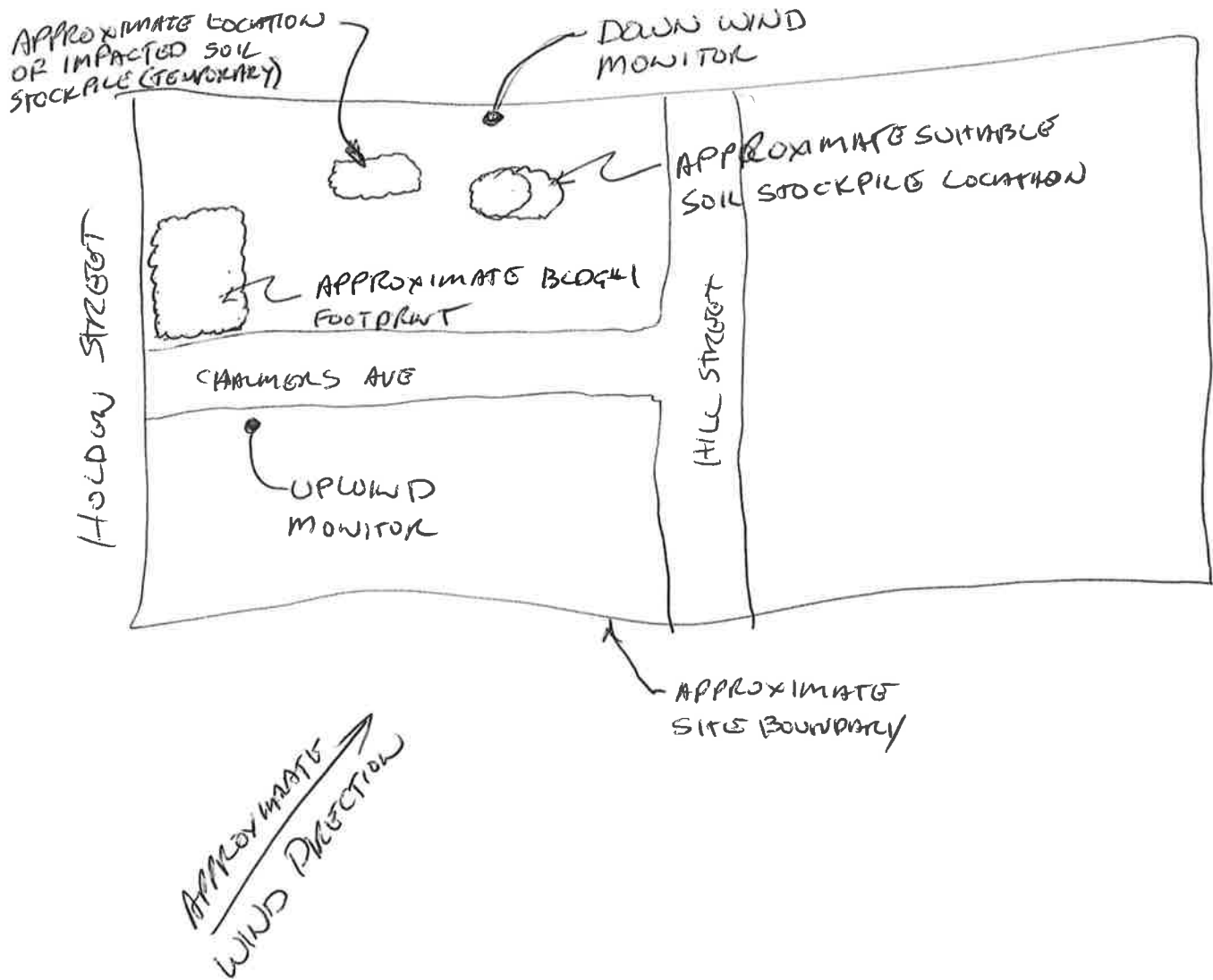
DAILY FIELD SUMMARY FORM

DATE: 10/17/2017

FILE No. 21.0056642.30

REPORT No. 17- 02

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development



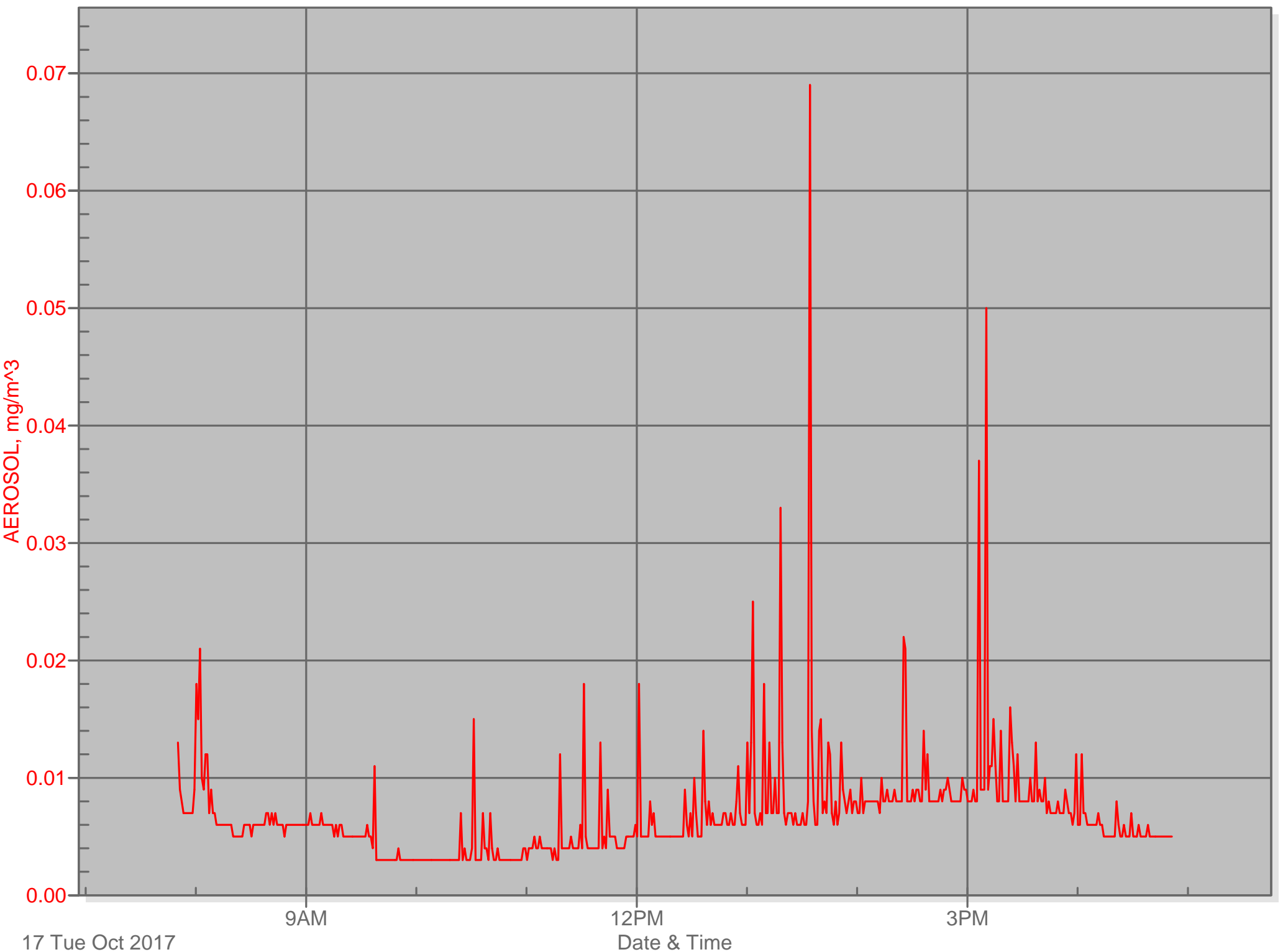
Test 002

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/17/2017
Instrument S/N	8530153315	Start Time	07:49:15
		Stop Date	10/17/2017
		Stop Time	16:51:15
		Total Time	0:09:02:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.007 mg/m ³
Max	0.069 mg/m ³
Max Date	10/17/2017
Max Time	13:34:15
Min	0.003 mg/m ³
Min Date	10/17/2017
Min Time	09:38:15
TWA (8 hr)	0.007
TWA Start Date	10/17/2017
TWA Start Time	07:49:15
TWA End Time	16:51:15

129 Holden St

10-17-2017



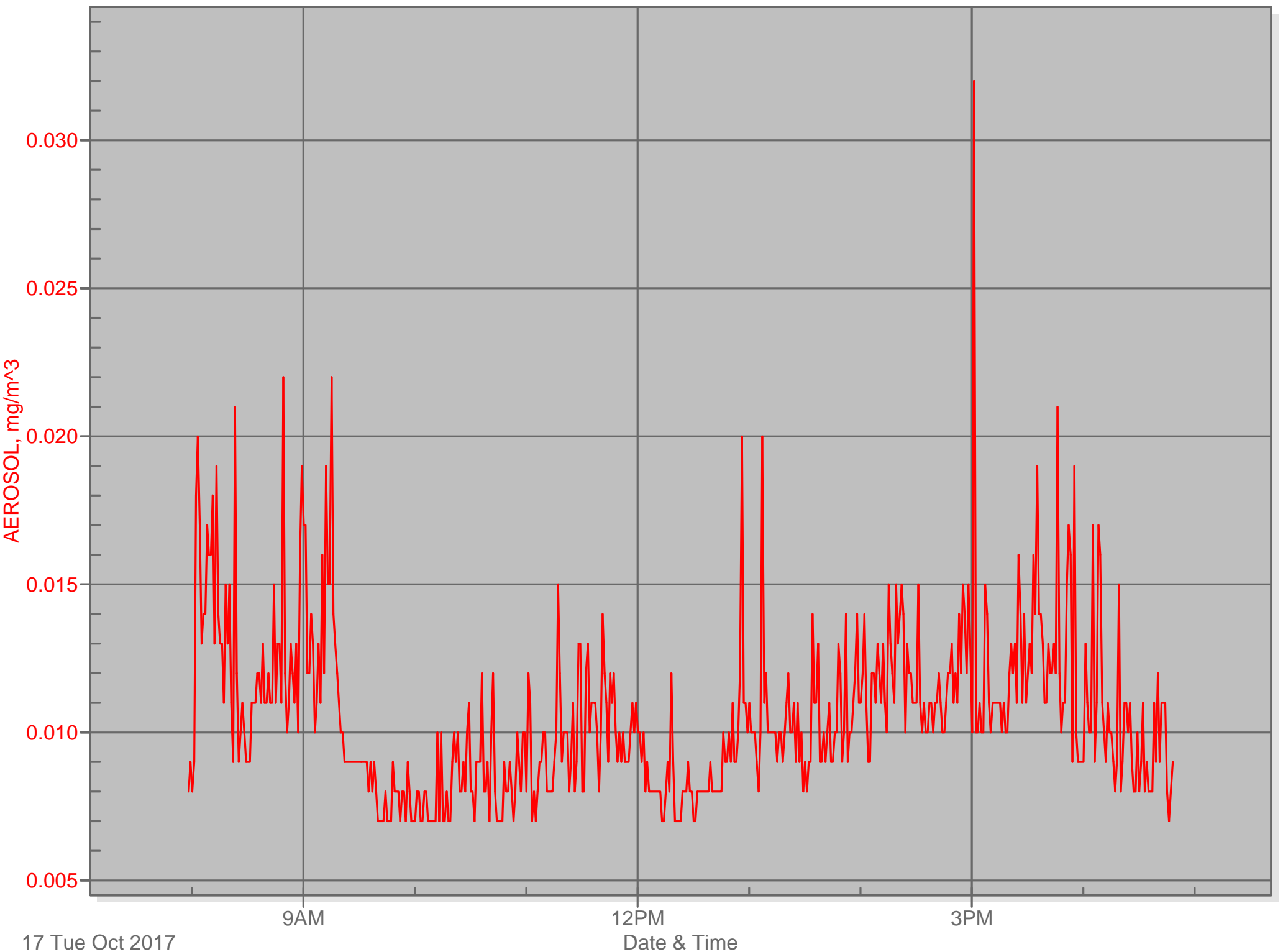
Test 002

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/17/2017
Instrument S/N	8530141112	Start Time	07:57:09
		Stop Date	10/17/2017
		Stop Time	16:48:09
		Total Time	0:08:51:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.011 mg/m ³
Max	0.032 mg/m ³
Max Date	10/17/2017
Max Time	15:01:09
Min	0.007 mg/m ³
Min Date	10/17/2017
Min Time	09:40:09
TWA (8 hr)	0.011
TWA Start Date	10/17/2017
TWA Start Time	07:57:09
TWA End Time	16:48:09

129 Holden St

10-17-2017



DAILY FIELD SUMMARY FORM

DATE: 10/18/2017

FILE No. 21.0056642.30

REPORT No. 17-03

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

GENERAL WEATHER CONDITIONS: M. Sunny

Temp Range: 51 to 65°F

Wind Speed: 10-15 mph

Wind Direction: SW → NE

Time GZA Arrived on Site: 0730

Site Conditions: Damp

Contractors on Site: 0730

- GZA Personnel On-Site: D. Wulf
- GZA's Equipment On-Site: 2-TSI 8530 DUSTTRAK II's
1-MINIHE 3000 PID

Name of NYSDEC Representative(s) on Site:

Time of arrival:

Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

MILWAUKEE CONSTRUCTION PERFORMED THE FOLLOWING:

- CONTINUING TO EXCAVATE SUITABLE COVER AND IMPACTED SOIL FROM WITHIN THE BLDG #1 FOOTPRINT, AND SEGREGATING THEM ON SITE,
- COMPACTING THE SUBGRADE MATERIAL WITHIN THE BLDG #1 FOOTPRINT, THEN PLACING GEOTEXTILE AND CRUSHER RUN STONE,
- GRUBBED OUT THE ON-SITE SWALE TO ACCEPT THE PREVIOUSLY EXCAVATED IMPACTED SOIL TO BRING UP THE GRADE

Photos taken: 9222 - 9241

Time GZA left Site: 1800

Prepared by: D. Wulf

Reviewed by: J. Richter

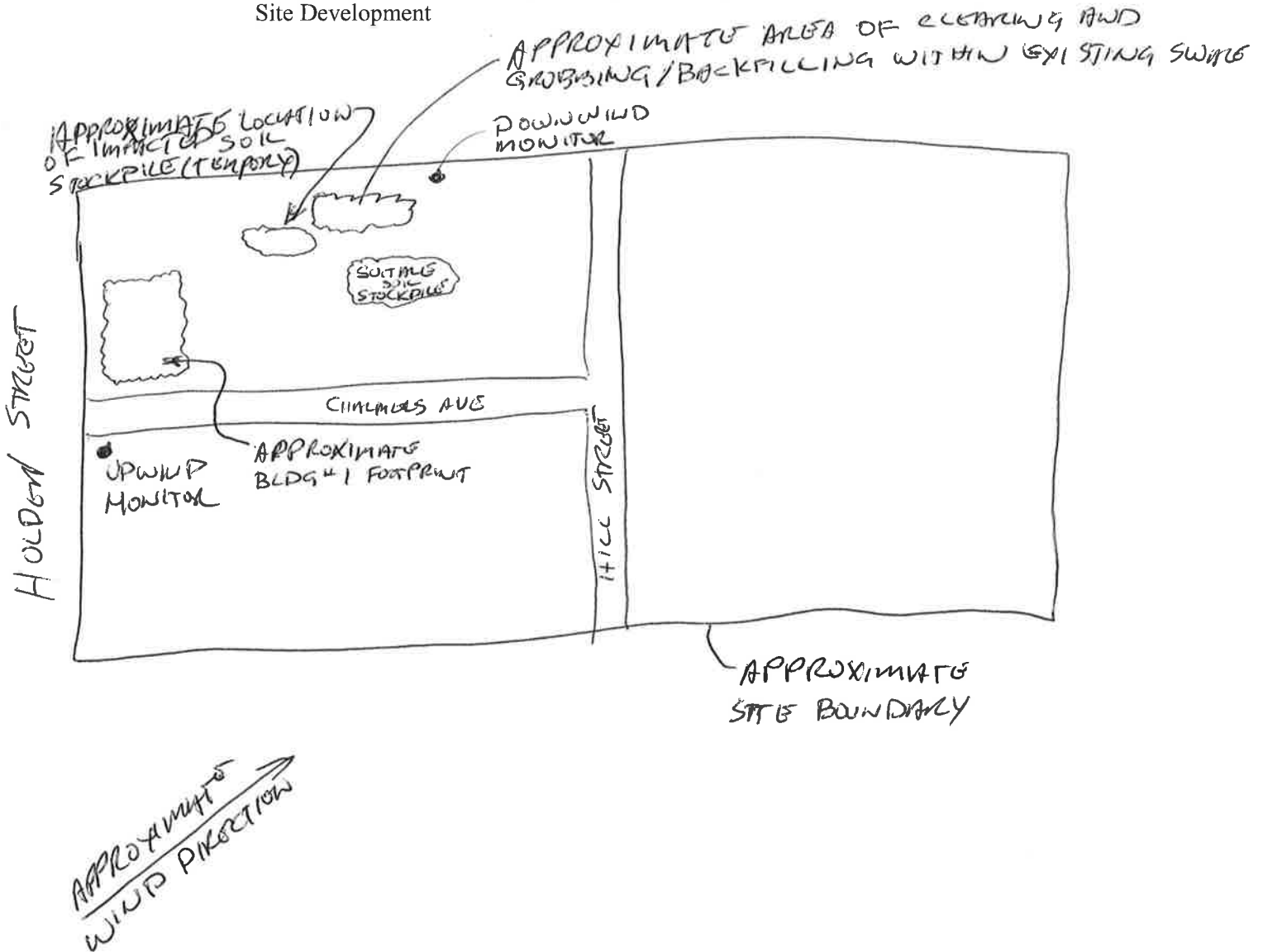
DAILY FIELD SUMMARY FORM

DATE: 6/18/2017

FILE No. 21.0056642.30

REPORT No. 17-03

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development



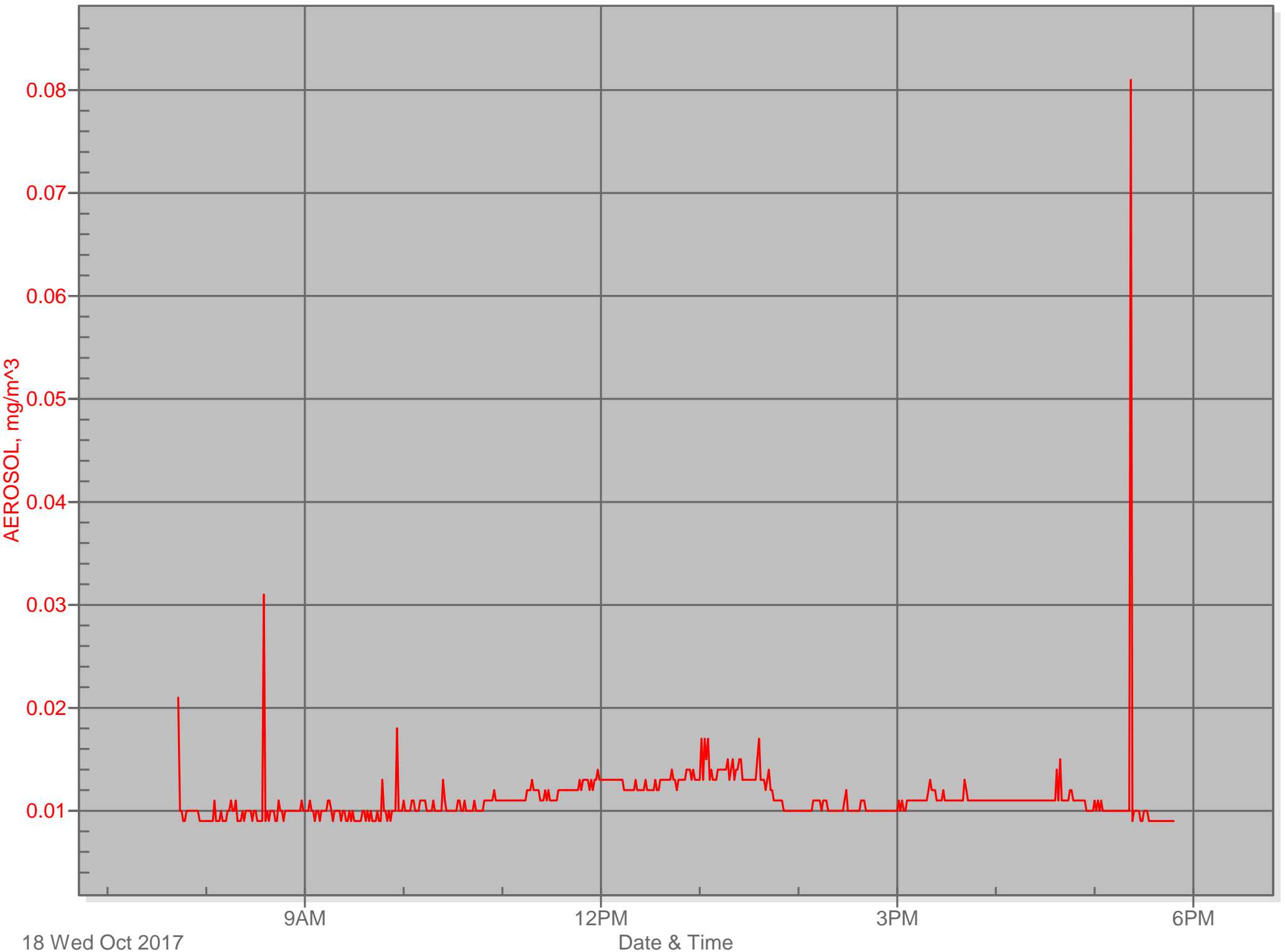
Test 003

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/18/2017
Instrument S/N	8530153315	Start Time	07:42:01
		Stop Date	10/18/2017
		Stop Time	17:48:01
		Total Time	0:10:06:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.011 mg/m ³
Max	0.081 mg/m ³
Max Date	10/18/2017
Max Time	17:22:01
Min	0.009 mg/m ³
Min Date	10/18/2017
Min Time	07:46:01
TWA (8 hr)	0.011
TWA Start Date	10/18/2017
TWA Start Time	07:42:01
TWA End Time	17:48:01

129 Holden St

10-18-2017



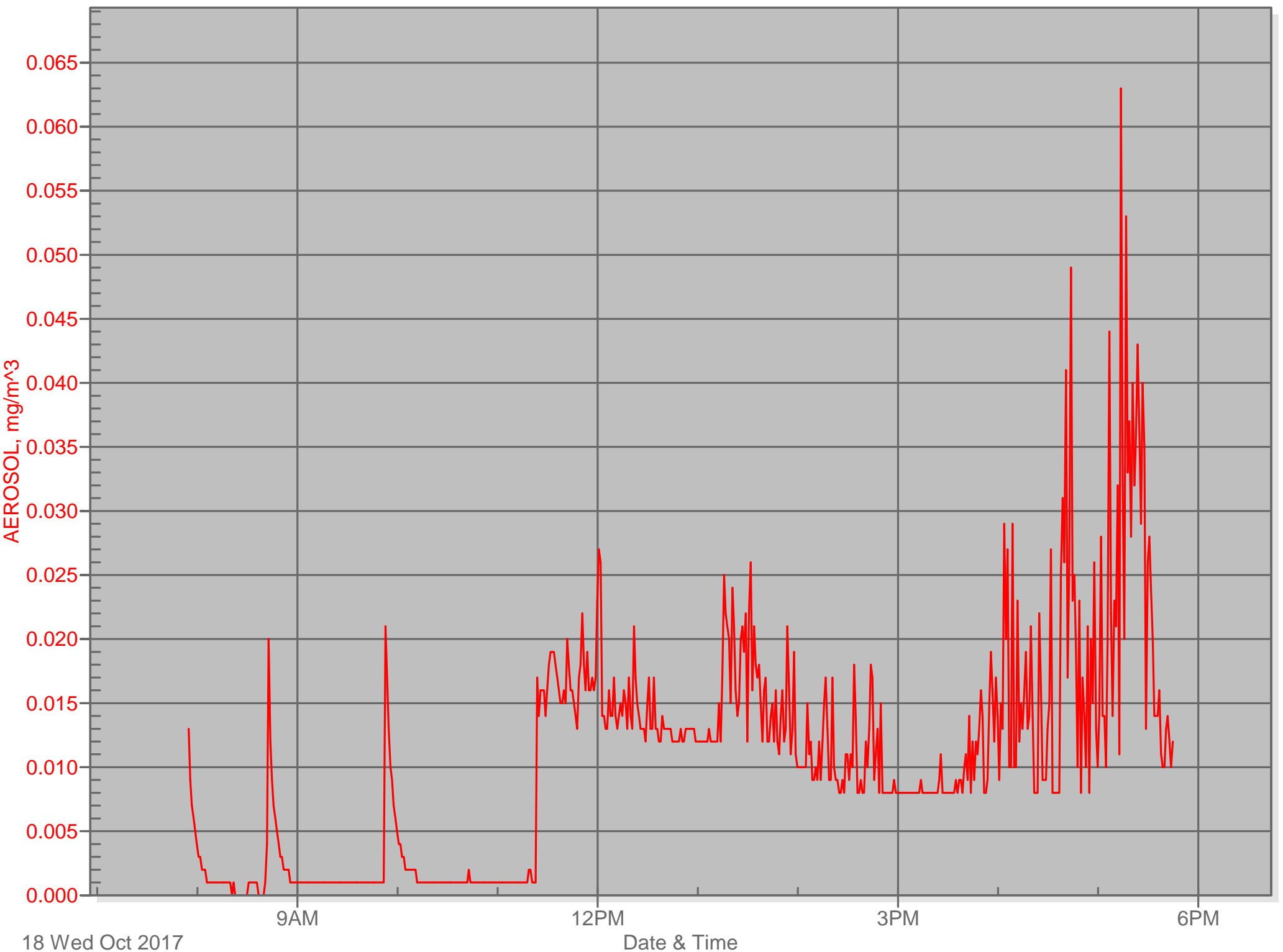
Test 003

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/18/2017
Instrument S/N	8530141112	Start Time	07:53:43
		Stop Date	10/18/2017
		Stop Time	17:44:43
		Total Time	0:09:51:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.010 mg/m ³
Max	0.063 mg/m ³
Max Date	10/18/2017
Max Time	17:13:43
Min	0.000 mg/m ³
Min Date	10/18/2017
Min Time	08:20:43
TWA (8 hr)	0.008
TWA Start Date	10/18/2017
TWA Start Time	07:53:43
TWA End Time	17:44:43

129 Holden St

10-18-2017



DAILY FIELD SUMMARY FORM

DATE: 10/19/2017

FILE No. 21.0056642.30

REPORT No. 17-04

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

GENERAL WEATHER CONDITIONS: m, SUNNY
WINDY

Temp Range: 55 to 65°F
Wind Speed: 15-20 mph GUSTS TO 25 mph
Wind Direction: SW-NE

Time GZA Arrived on Site: 0730

Site Conditions: DRY

Contractors on Site: 0730 -

- GZA Personnel On-Site: D. WOLF
- GZA's Equipment On-Site: 2-TSI 8530 DUST TRUCK II'S
1-MINI ROPS 3000 P10

Name of NYSDEC Representative(s) on Site:

Time of arrival:

Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

MILWAUKEE CONSTRUCTION PERFORMED THE FOLLOWING:

- BACKFILLING ON-SITE TRENCH IN AREA OF BLDG #2 WITH IMPACTED SOIL TO BOTTOM OF FOOTER ELEVATION,
- REMOVING SUITABLE COVER FROM WITHIN BLDG #2 FOOTPRINT,
- REMOVING SUITABLE COVER AND IMPACTED SOIL FROM BLDG #3 FOOTPRINT. SUITABLE COVER STOCKPILED ON-SITE, IMPACTED SOIL PILE AND COMPACTED IN SWALE WITHIN BLDG #2 FOOTPRINT
- DIVERTED THE SOUTHERN DRAINAGE SWALE TO THE NORTHERN DRAINAGE SWALE VIA A SUITABLE SOIL DAM AND CUTTING A SWALE BETWEEN THE TWO SWALES.
- WATERLINE AREA TO MAKE SURE DUST IS KEPT DOWN

Photos taken: 9242-9254

Time GZA left Site: 1730

Prepared by: D. WOLF

Reviewed by: J. Richert

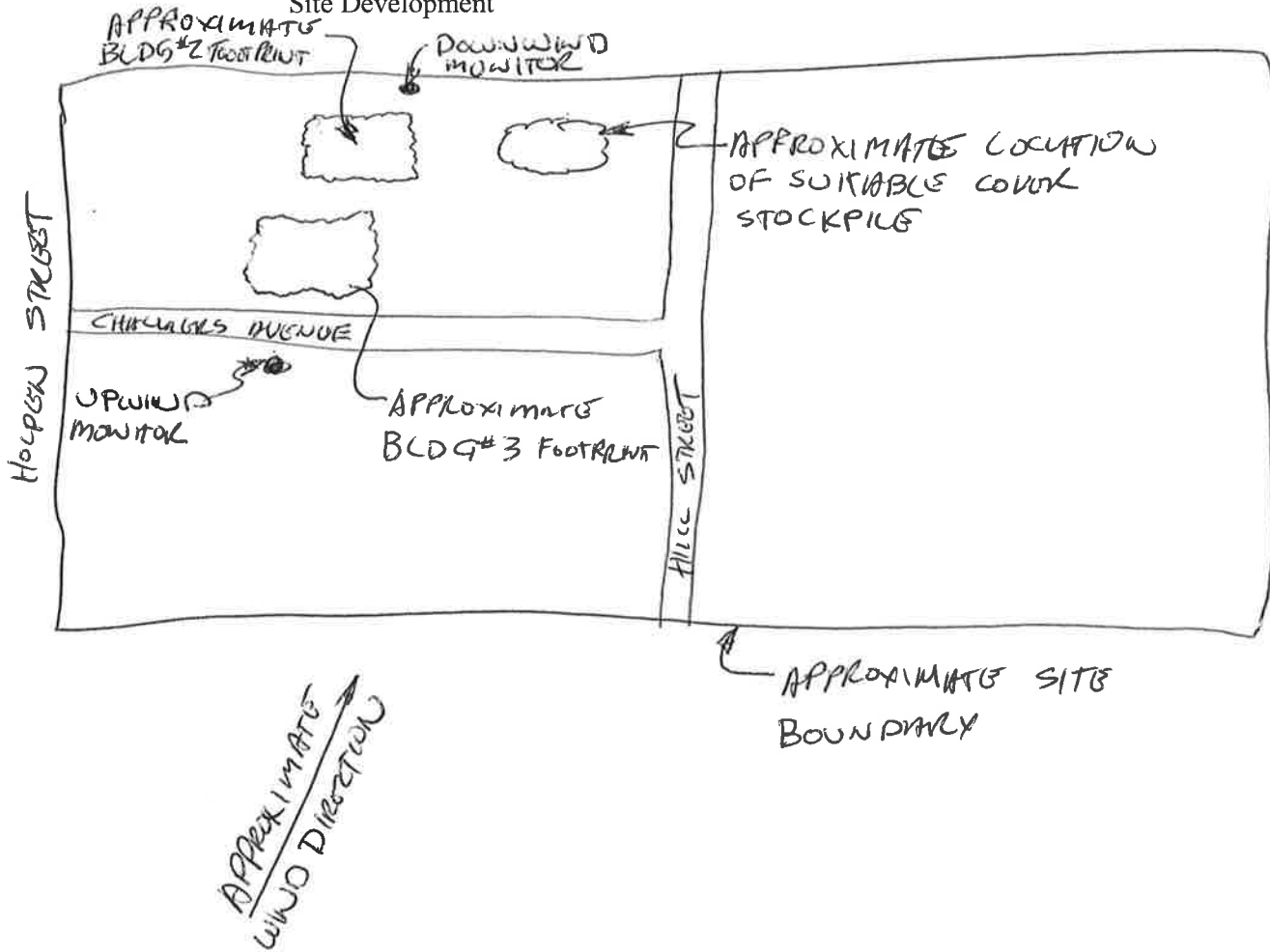
DAILY FIELD SUMMARY FORM

DATE: 10/19/2017

FILE No. 21.0056642.30

REPORT No. 17-__

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development



Test 004

ERROR: FLOW,

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/19/2017
Instrument S/N	8530153315	Start Time	07:39:00
		Stop Date	10/19/2017
		Stop Time	07:52:00
		Total Time	0:00:13:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.009 mg/m ³
Max	0.013 mg/m ³
Max Date	10/19/2017
Max Time	07:43:00
Min	0.004 mg/m ³
Min Date	10/19/2017
Min Time	07:41:00
TWA (8 hr)	N/A
TWA Start Date	10/19/2017
TWA Start Time	07:39:00
TWA End Time	07:52:00

Test 005

ERROR: FLOW,

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/19/2017
Instrument S/N	8530153315	Start Time	14:38:28
		Stop Date	10/19/2017
		Stop Time	14:51:28
		Total Time	0:00:13:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.033 mg/m ³
Max	0.039 mg/m ³
Max Date	10/19/2017
Max Time	14:42:28
Min	0.028 mg/m ³
Min Date	10/19/2017
Min Time	14:39:28
TWA (8 hr)	N/A
TWA Start Date	10/19/2017
TWA Start Time	14:38:28
TWA End Time	14:51:28

Test 006

ERROR: FLOW,

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/19/2017
Instrument S/N	8530153315	Start Time	15:02:17
		Stop Date	10/19/2017
		Stop Time	16:46:17
		Total Time	0:01:44:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.018 mg/m ³
Max	0.034 mg/m ³
Max Date	10/19/2017
Max Time	15:05:17
Min	0.000 mg/m ³
Min Date	10/19/2017
Min Time	15:04:32
TWA (8 hr)	0.004
TWA Start Date	10/19/2017
TWA Start Time	15:02:17
TWA End Time	16:46:17

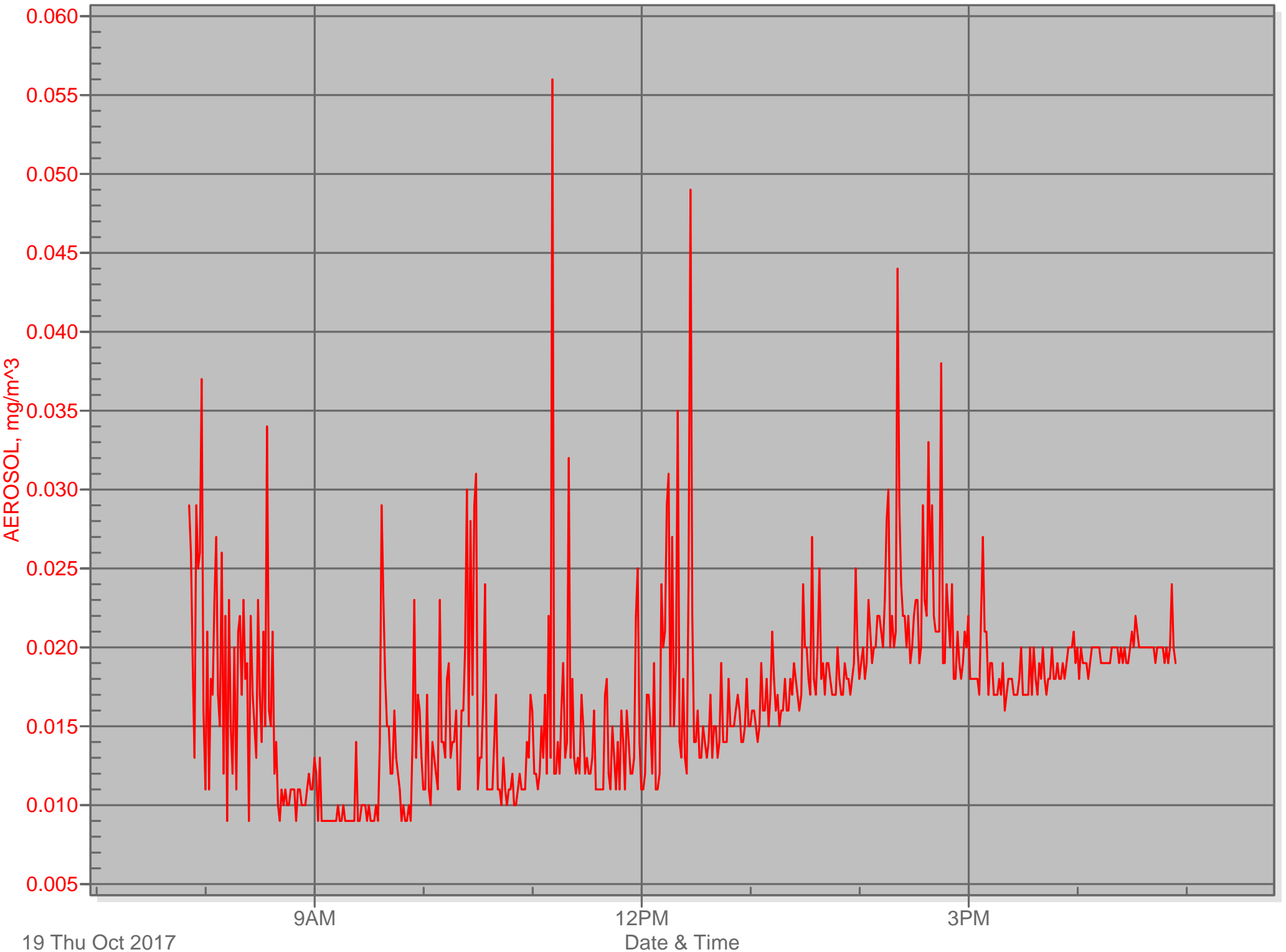
Test 004

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/19/2017
Instrument S/N	8530141112	Start Time	07:49:49
		Stop Date	10/19/2017
		Stop Time	16:53:49
		Total Time	0:09:04:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.017 mg/m ³
Max	0.056 mg/m ³
Max Date	10/19/2017
Max Time	11:10:49
Min	0.009 mg/m ³
Min Date	10/19/2017
Min Time	08:11:49
TWA (8 hr)	0.017
TWA Start Date	10/19/2017
TWA Start Time	07:49:49
TWA End Time	16:53:49

129 Holden St

10-19-2017



DAILY FIELD SUMMARY FORM

DATE: 10/20/2017

FILE No. 21.0056642.30

REPORT No. 17- 05

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

GENERAL WEATHER CONDITIONS: W. SUNNY

Temp Range: 40 to 65°F

Wind Speed: 3 - 10 mph

Wind Direction: SW - NE

Time GZA Arrived on Site: 0730

Site Conditions: DRY - DAMP

Contractors on Site: 0730

- GZA Personnel On-Site: D. WOLF
- GZA's Equipment On-Site: 2-TSi 8530 DUST TRAK II'S
1-MINI RHE 3000 PID

Name of NYSDEC Representative(s) on Site:

Time of arrival:

Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

MILWAUKEE CONSTRUCTION PERFORMED THE FOLLOWING:

- CONTINUOUSLY TO REMOVE SUITABLE COVER FROM WITHIN BLDG#3 FOOTPRINT
- STOCKPILING SUITABLE COVER ON SITE + BACKFILLING SWALE WITHIN BLDG#2 FOOTPRINT WITH IMPACTED SOIL
- COMPACTING SUBGRADE MATERIAL WITHIN BUILDING#3 FOOTPRINT
- CRUSHER RUN STONE DELIVERED TODAY
- BACKFILLING AREA STRIPPED DOWN TO DEMARK FOR IMPACTED SOIL STOCKPILE, STOCKPILE DEPLETED, AND DEMARK MATERIAL NOT IMPACTED.
- PLACED GEOTEXTILE AND CRUSHER RUN STONE WITHIN BLDG#3 FOOTPRINT.

Photos taken: 9255-9269

Time GZA left Site: 1700

Prepared by: D. WOLF

Reviewed by: J. Richter

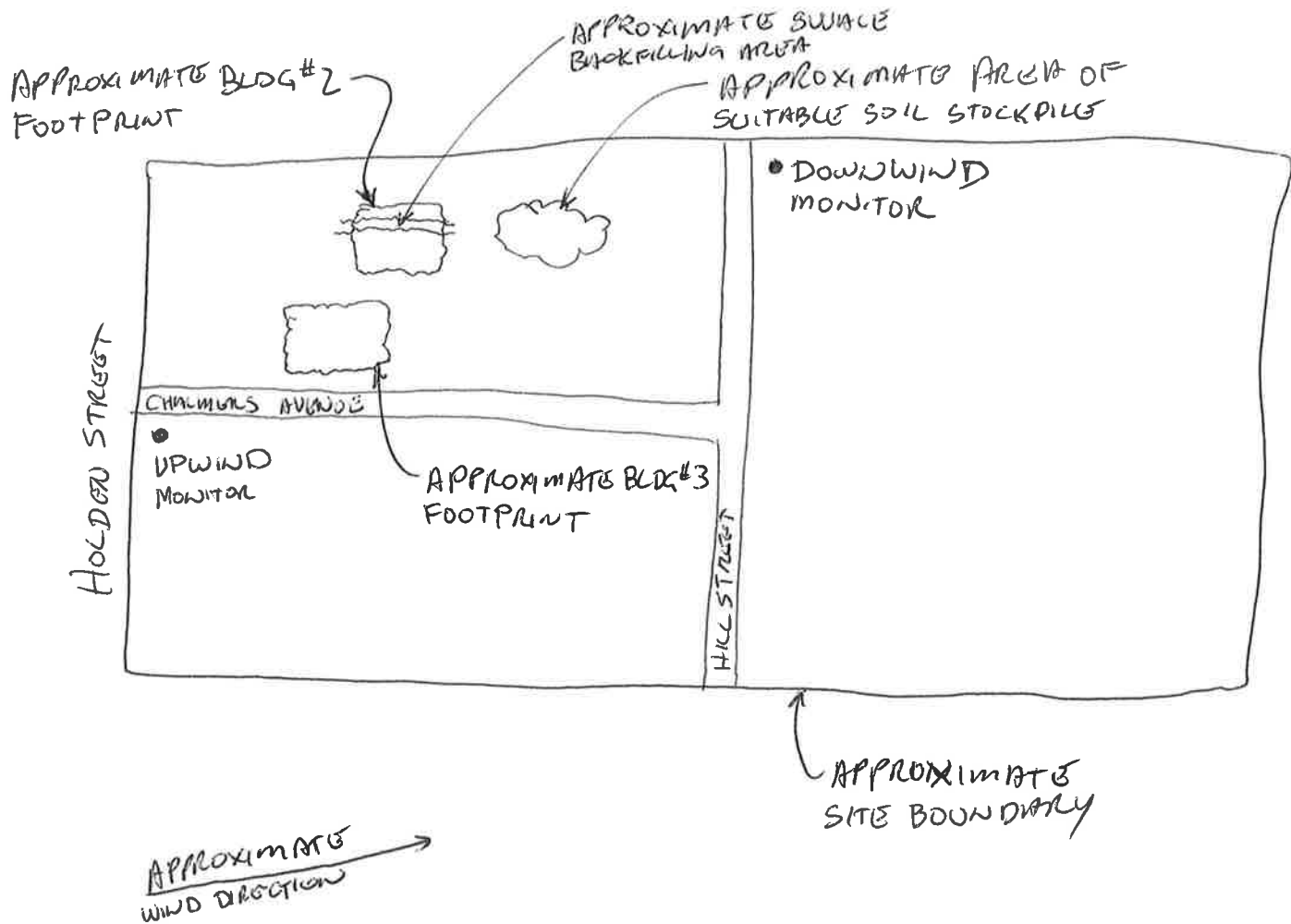
DAILY FIELD SUMMARY FORM

DATE: 10/20/2017

FILE No. 21.0056642.30

REPORT No. 17-05

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development



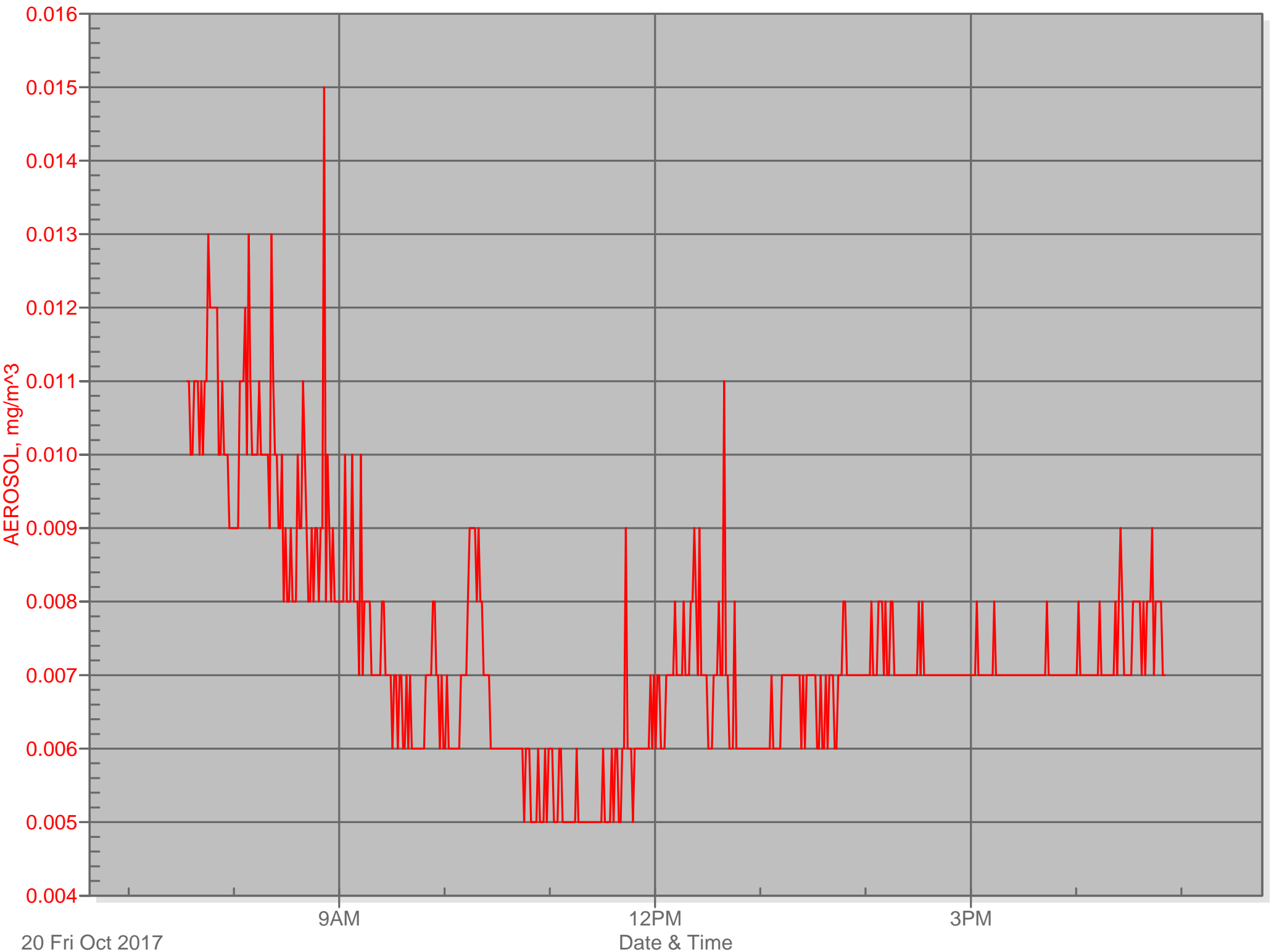
Test 007

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/20/2017
Instrument S/N	8530153315	Start Time	07:32:22
		Stop Date	10/20/2017
		Stop Time	16:50:22
		Total Time	0:09:18:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.007 mg/m ³
Max	0.015 mg/m ³
Max Date	10/20/2017
Max Time	08:51:22
Min	0.005 mg/m ³
Min Date	10/20/2017
Min Time	10:45:22
TWA (8 hr)	0.007
TWA Start Date	10/20/2017
TWA Start Time	07:32:22
TWA End Time	16:50:22

129 Holden St

10-20-2017



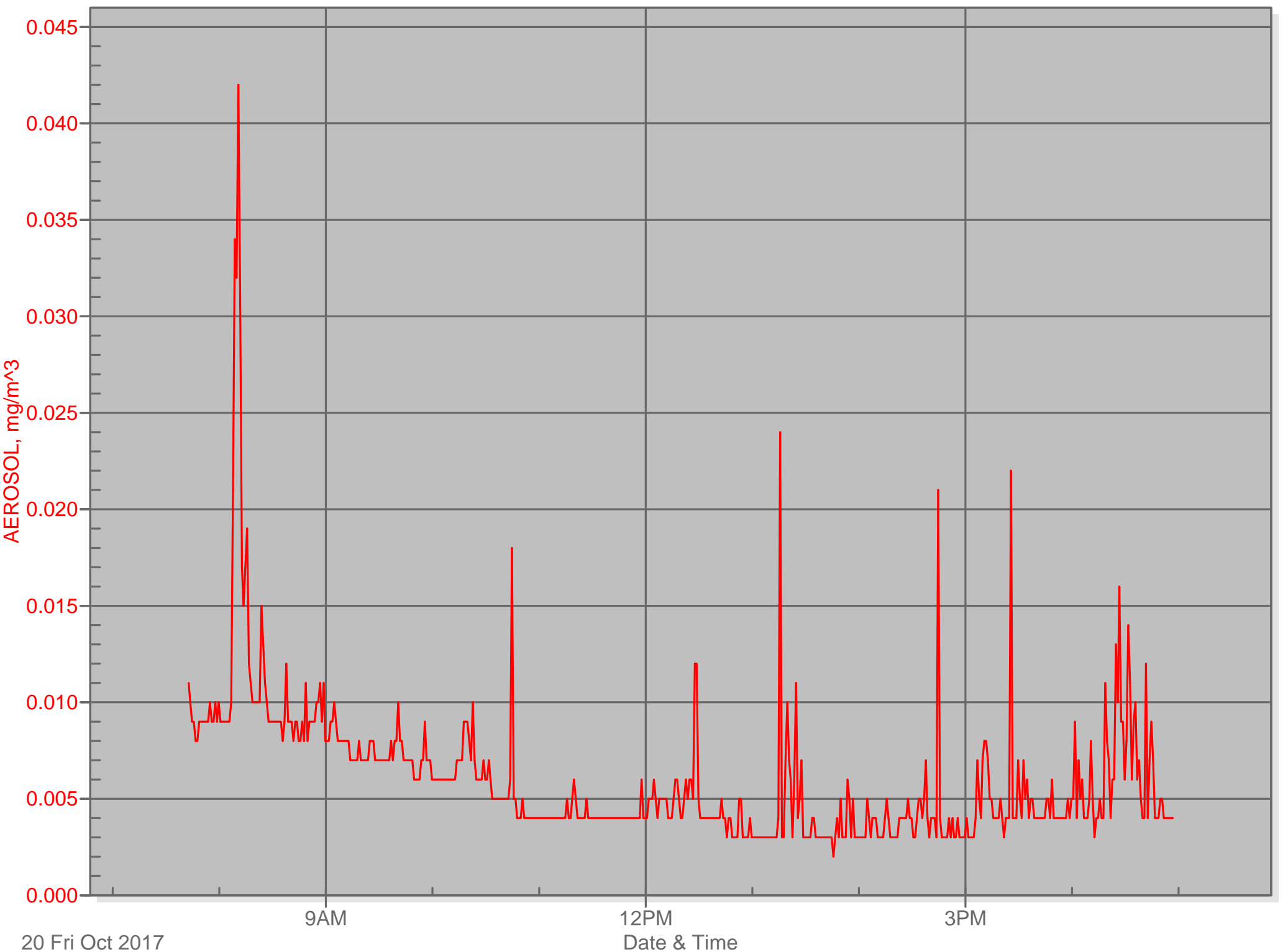
Test 005

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/20/2017
Instrument S/N	8530141112	Start Time	07:41:41
		Stop Date	10/20/2017
		Stop Time	16:56:41
		Total Time	0:09:15:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.006 mg/m ³
Max	0.042 mg/m ³
Max Date	10/20/2017
Max Time	08:10:41
Min	0.002 mg/m ³
Min Date	10/20/2017
Min Time	13:45:41
TWA (8 hr)	0.006
TWA Start Date	10/20/2017
TWA Start Time	07:41:41
TWA End Time	16:56:41

129 Holden St

10-20-2017



DAILY FIELD SUMMARY FORM

DATE: 10/23/2017

FILE No. 21.0056642.30

REPORT No. 17- 90

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

GENERAL WEATHER CONDITIONS: P. SUNNY
LIGHT RAIN @ 1250
-1310

Temp Range: 62 to 73°F

Wind Speed: 10-15 mph

Wind Direction: S-N

Time GZA Arrived on Site: 0730

Site Conditions: DRY

Contractors on Site: 0730

- GZA Personnel On-Site: D. WOLF
- GZA's Equipment On-Site: 2-TSI DUST TRAK II'S
1-MINI RAE 3000 PID

Name of NYSDEC Representative(s) on Site:

Time of arrival:

Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

MILWAUKEE CONSTRUCTION PERFORMED THE FOLLOWING:

- CONTINUED PLACING GEOTEXTILE AND CRUSHER RUN STONE WITHIN THE BUILDING #3 FOOTPRINT.
- SEVERAL CRUSHER RUN STONE DELIVERIES THIS DATE.
- CONTINUED BRINGING SOIL WITHIN BUILDING #2 TO SUBGRADE ELEVATION.

Photos taken: 9270-9278

Time GZA left Site: 17:00

Prepared by: D. WOLF

Reviewed by: J. Richter

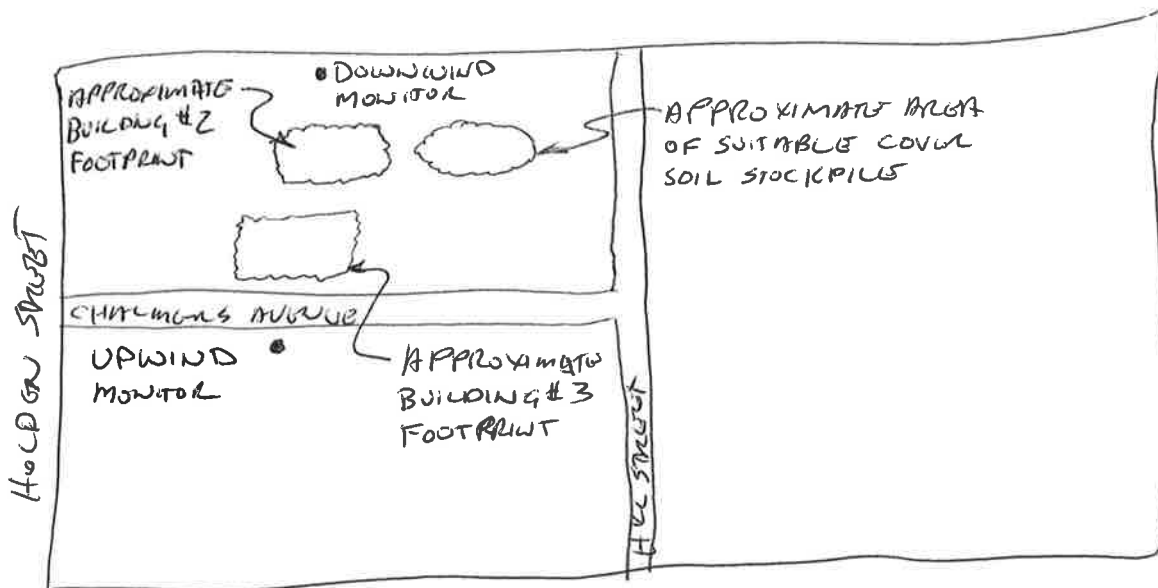
DAILY FIELD SUMMARY FORM

DATE: 10/23/2017

FILE No. 21.0056642.30

REPORT No. 17-06

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development



APPROXIMATE
WIND DIRECTION

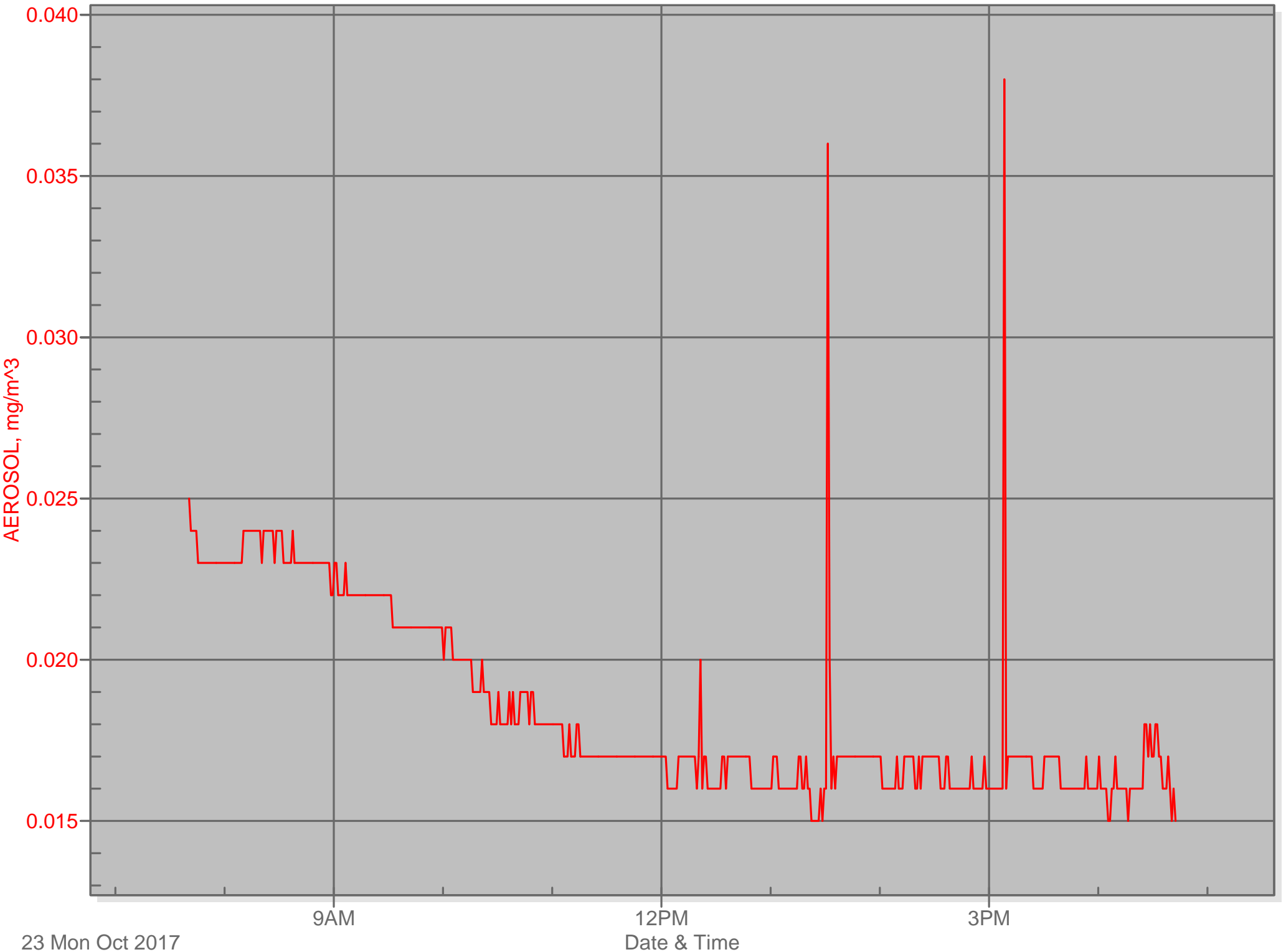
Test 008

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/23/2017
Instrument S/N	8530153315	Start Time	07:39:27
		Stop Date	10/23/2017
		Stop Time	16:42:27
		Total Time	0:09:03:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.018 mg/m ³
Max	0.038 mg/m ³
Max Date	10/23/2017
Max Time	15:08:27
Min	0.015 mg/m ³
Min Date	10/23/2017
Min Time	13:22:27
TWA (8 hr)	0.019
TWA Start Date	10/23/2017
TWA Start Time	07:39:27
TWA End Time	16:42:27

129 Holden St

10-23-2017



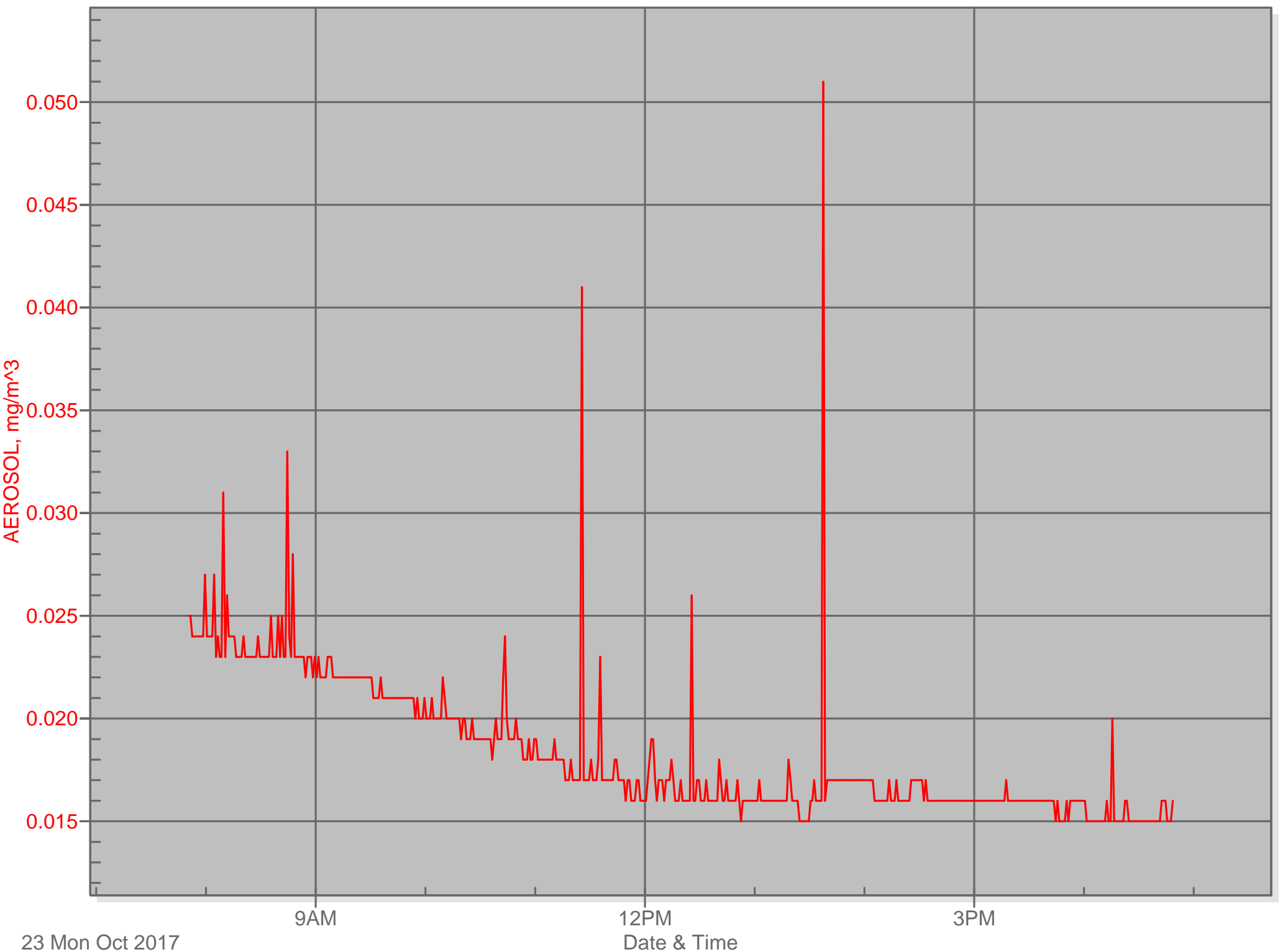
Test 006

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/23/2017
Instrument S/N	8530141112	Start Time	07:49:32
		Stop Date	10/23/2017
		Stop Time	16:48:32
		Total Time	0:08:59:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.018 mg/m ³
Max	0.051 mg/m ³
Max Date	10/23/2017
Max Time	13:37:32
Min	0.015 mg/m ³
Min Date	10/23/2017
Min Time	12:52:32
TWA (8 hr)	0.019
TWA Start Date	10/23/2017
TWA Start Time	07:49:32
TWA End Time	16:48:32

129 Holden St

10-23-2017



DAILY FIELD SUMMARY FORM

DATE: 10/24/2017

FILE No. 21.0056642.30

REPORT No. 17-07

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

GENERAL WEATHER CONDITIONS: CLOUDY
LIGHT - MISTY
RAIN

Temp Range: 59 to 62 F

Wind Speed: 10 - 15 mph

Wind Direction: SW - NE

Time GZA Arrived on Site: 0730

Site Conditions: WET

Contractors on Site: 0730

- GZA Personnel On-Site: D. WOLF
- GZA's Equipment On-Site: 2 - TSI DUST TRAK II's
1 - MINA PRO 3000 PID

Name of NYSDEC Representative(s) on Site:

Time of arrival:

Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

MELHEKST CONSTRUCTION PERFORMED THE FOLLOWING:

- EXCAVATING SUITABLE COARSE SOIL & IMPACTED SOIL IN BUILDING #1 AREA TO INSTALL FOOTERS & FOUNDATION WALLS. SPIKES WERE PLACED WITHIN THE SWALE WITHIN BUILDING #2 FOOTPRINT TO BRING GRADE UP.

Photos taken: 9279 - 9294

Time GZA left Site: 1700

Prepared by: D. WOLF

Reviewed by: J. Richter

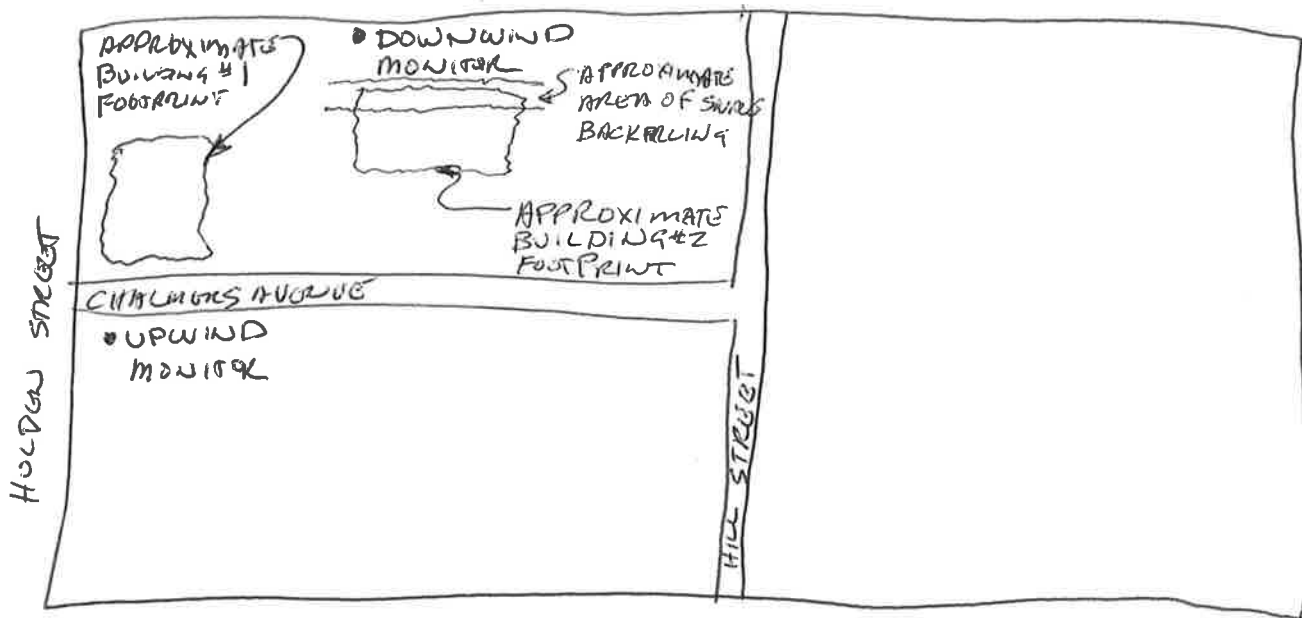
DAILY FIELD SUMMARY FORM

DATE: 10/24/2017

FILE No. 21.0056642.30

REPORT No. 17-07

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development



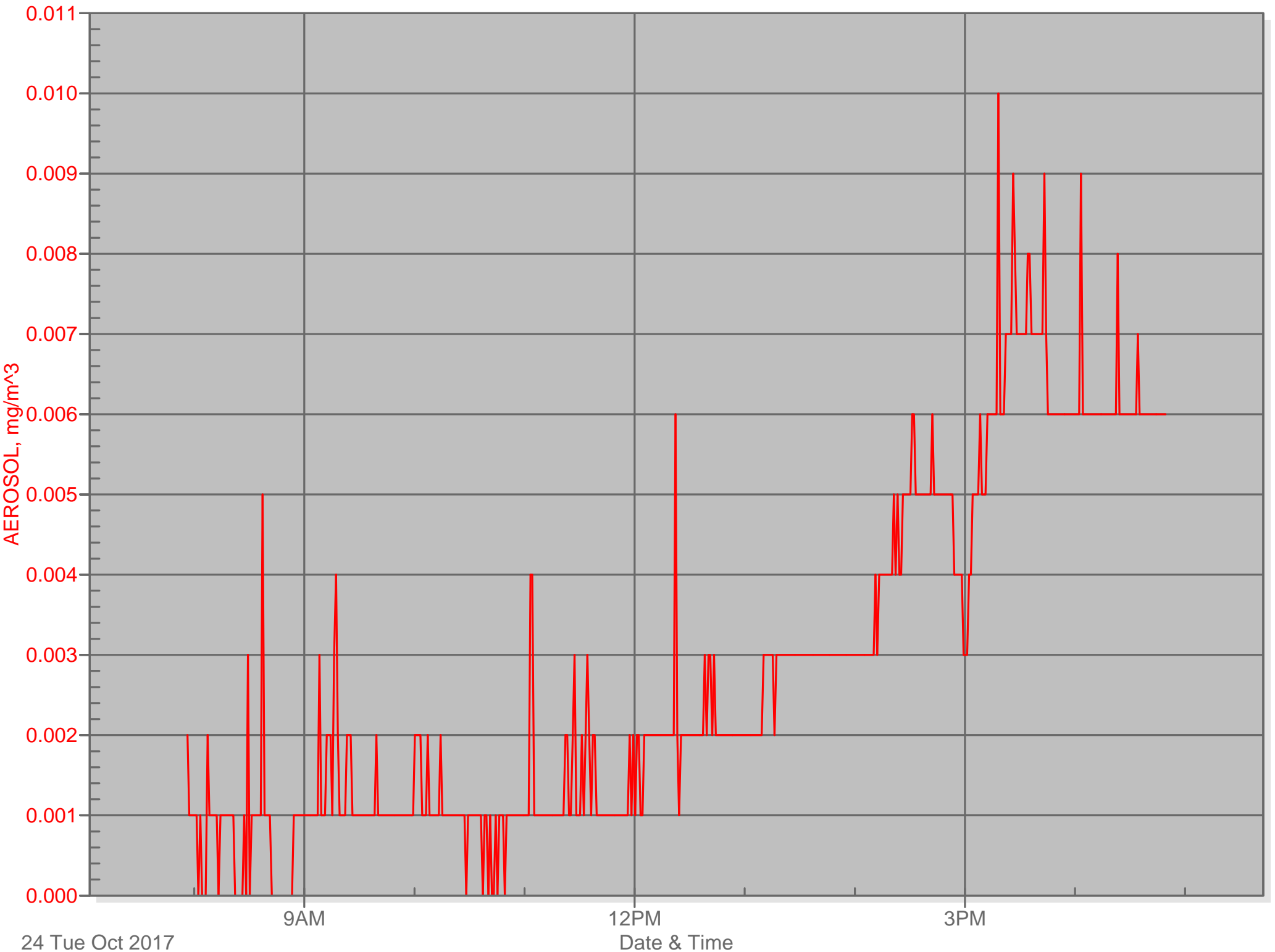
Test 009

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/24/2017
Instrument S/N	8530153315	Start Time	07:55:16
		Stop Date	10/24/2017
		Stop Time	16:49:16
		Total Time	0:08:54:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.003 mg/m ³
Max	0.010 mg/m ³
Max Date	10/24/2017
Max Time	15:18:16
Min	0.000 mg/m ³
Min Date	10/24/2017
Min Time	08:02:16
TWA (8 hr)	0.002
TWA Start Date	10/24/2017
TWA Start Time	07:55:16
TWA End Time	16:49:16

129 Holden St

10-24-2017



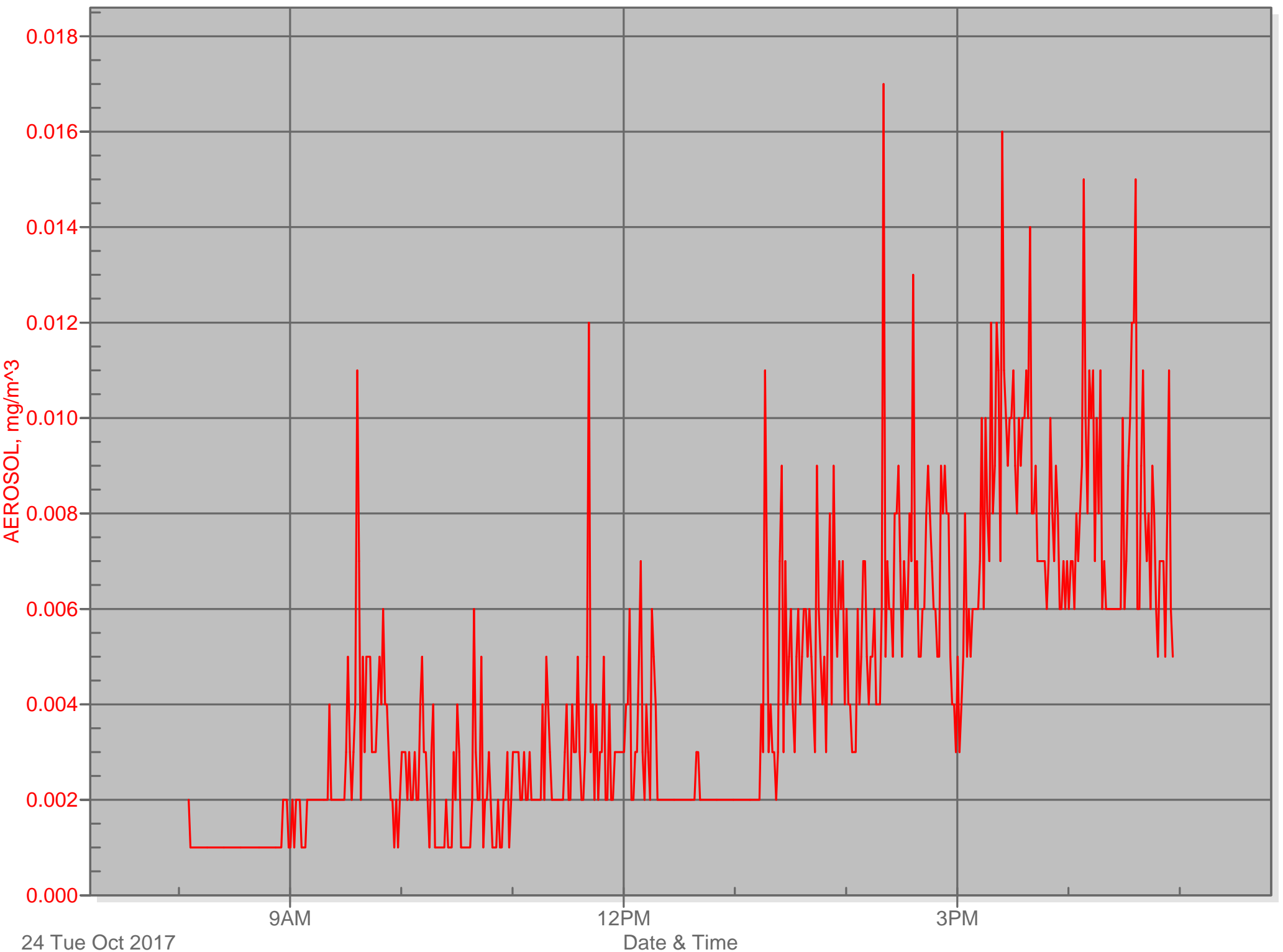
Test 007

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/24/2017
Instrument S/N	8530141112	Start Time	08:04:14
		Stop Date	10/24/2017
		Stop Time	16:56:14
		Total Time	0:08:52:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.004 mg/m ³
Max	0.017 mg/m ³
Max Date	10/24/2017
Max Time	14:20:14
Min	0.001 mg/m ³
Min Date	10/24/2017
Min Time	08:06:14
TWA (8 hr)	0.004
TWA Start Date	10/24/2017
TWA Start Time	08:04:14
TWA End Time	16:56:14

129 Holden St

10-24-2017



DAILY FIELD SUMMARY FORM

DATE: 10/25/2017

FILE No. 21.0056642.30

REPORT No. 17-08

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

GENERAL WEATHER CONDITIONS: P. SUNNY -
OVERCAST &
RAIN

Temp Range: 41 to 53°F

Wind Speed: 15-20 mph

Wind Direction: SW - NW

Time GZA Arrived on Site: 0720

Site Conditions: Damp

Contractors on Site: 0730

- GZA Personnel On-Site: D. WOLF
- GZA's Equipment On-Site: 2-TSI DUST TRAK II's
1-MINI RAE 3000 PID

Name of NYSDEC Representative(s) on Site:

Time of arrival:

Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

MILWAUKEE CONSTRUCTION PERFORMED THE FOLLOWING:

- CONTINUING TO EXCAVATE SOMBER COVER SOIL AND IMPACTED SOIL IN BUILDING #1 AREA TO
INSTALL FOOTINGS & FOUNDATION WALLS. SPOILS WERE PLACED WITHIN THE SWIRL
LOCATED WITHIN BUILDING #2 FOOT PRINT TO BRING THE GRADE UP.

BILWAUKEE CONSTRUCTION ON SITE TO INSTALL FOOTINGS/FOUNDATION WALLS FOR
BUILDING #1, AND ALSO UNLOADING MATERIALS UNTIL 12:00

Photos taken: 9295-9307

Time GZA left Site: 1700

Prepared by: D. WOLF

Reviewed by: J. Richert

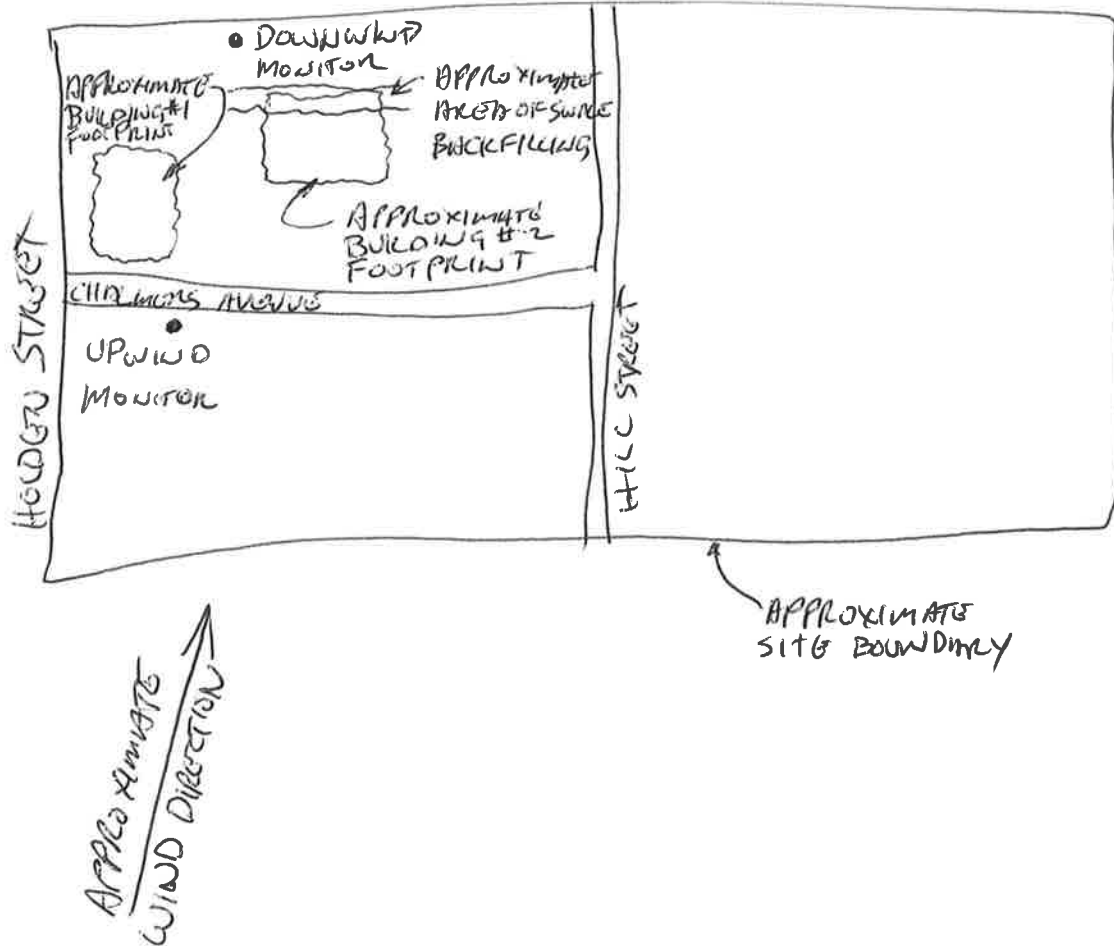
DAILY FIELD SUMMARY FORM

DATE: 10/25/2017

FILE No. 21.0056642.30

REPORT No. 17-08

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development



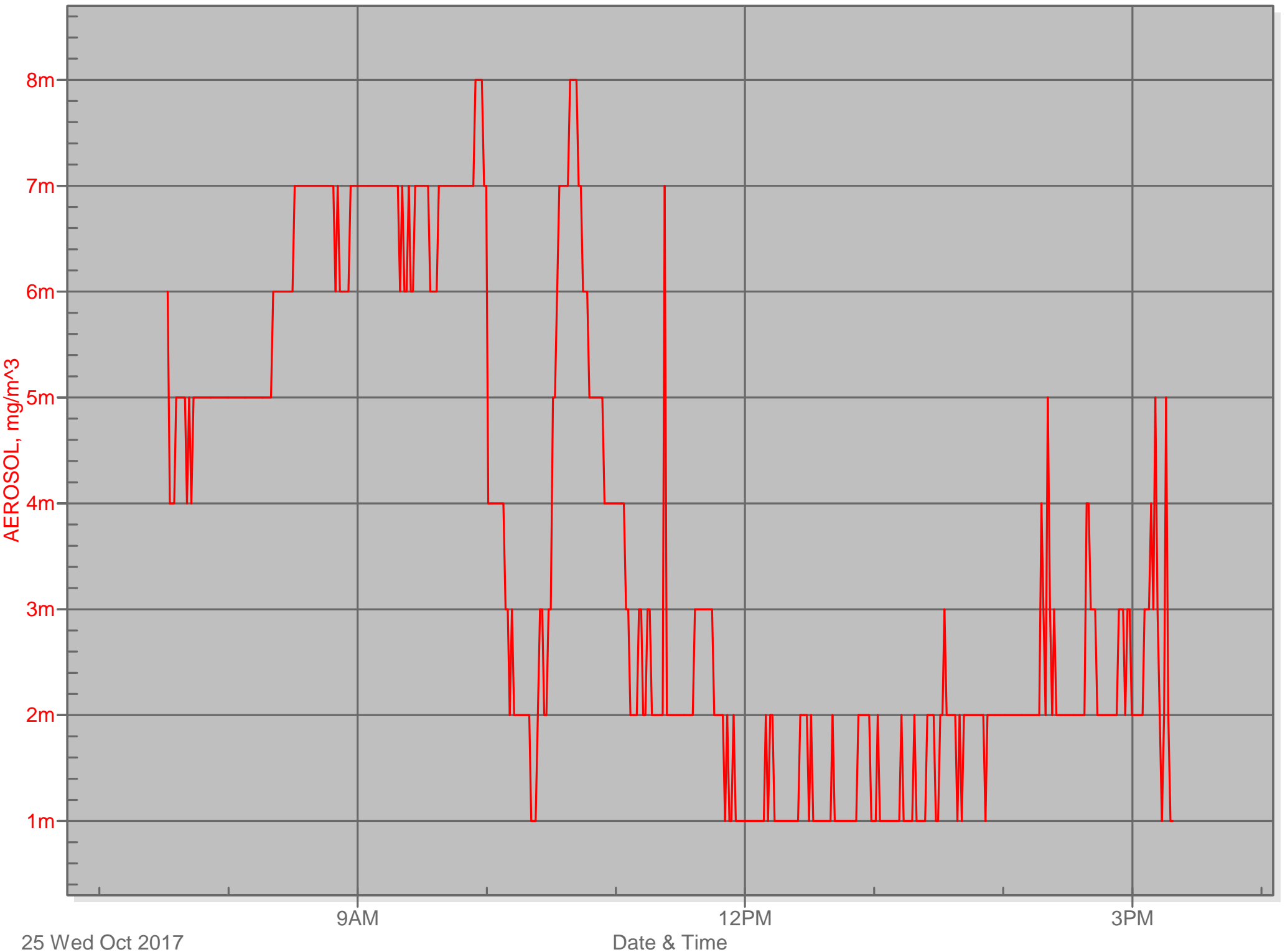
Test 010

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/25/2017
Instrument S/N	8530153315	Start Time	07:30:43
		Stop Date	10/25/2017
		Stop Time	15:18:43
		Total Time	0:07:48:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.004 mg/m ³
Max	0.008 mg/m ³
Max Date	10/25/2017
Max Time	09:54:43
Min	0.001 mg/m ³
Min Date	10/25/2017
Min Time	10:20:43
TWA (8 hr)	0.003
TWA Start Date	10/25/2017
TWA Start Time	07:30:43
TWA End Time	15:18:43

129 Holden St

10-25-2017



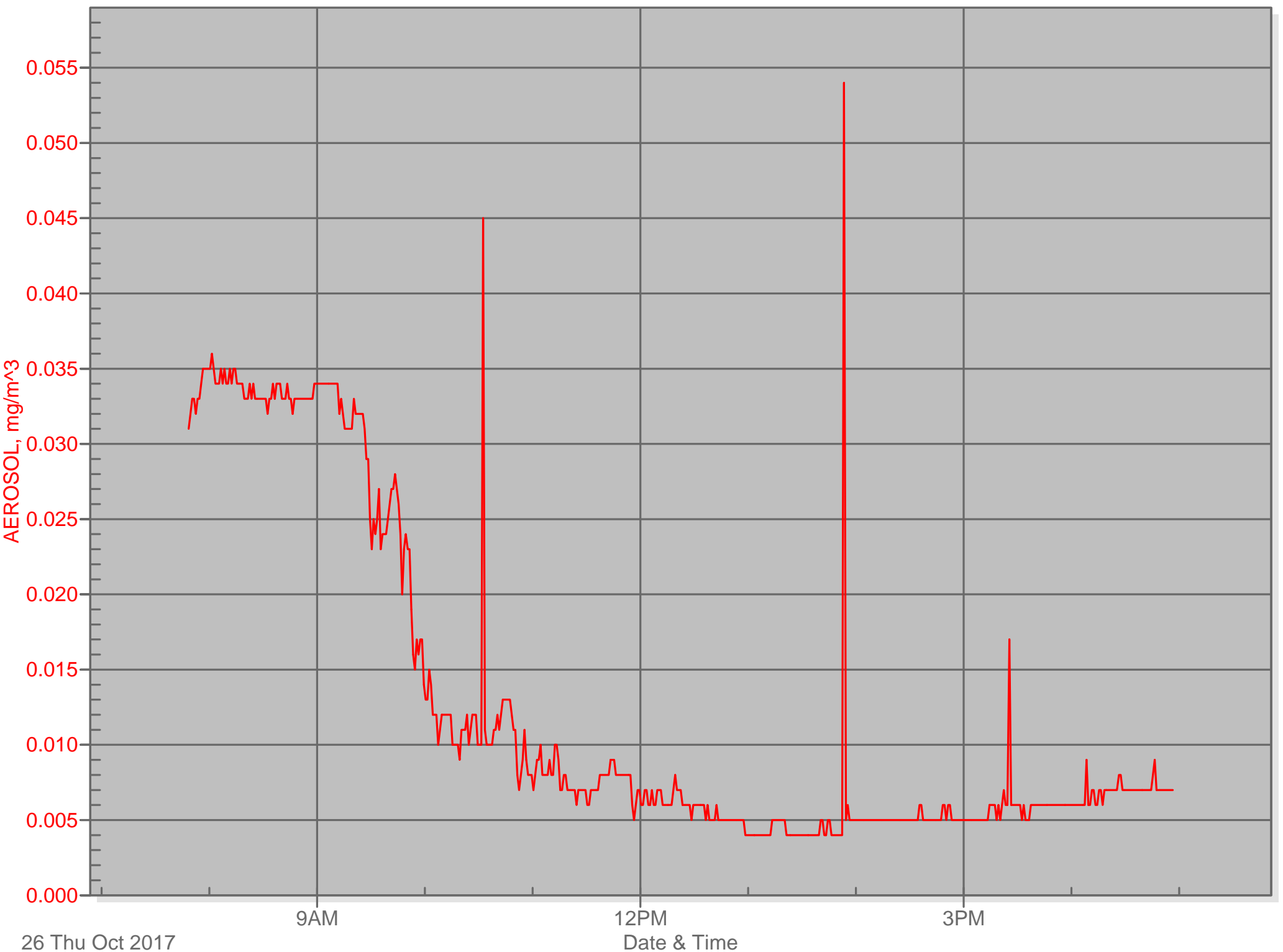
Test 008

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/25/2017
Instrument S/N	8530141112	Start Time	07:41:22
		Stop Date	10/25/2017
		Stop Time	15:26:22
		Total Time	0:07:45:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.007 mg/m ³
Max	0.023 mg/m ³
Max Date	10/25/2017
Max Time	09:46:22
Min	0.003 mg/m ³
Min Date	10/25/2017
Min Time	12:38:22
TWA (8 hr)	0.006
TWA Start Date	10/25/2017
TWA Start Time	07:41:22
TWA End Time	15:26:22

129 Holden St

10-25-2017



DAILY FIELD SUMMARY FORM

DATE: 10/26/2017

FILE No. 21.0056642.30

REPORT No. 17-09

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

GENERAL WEATHER CONDITIONS: P. CLOUDY

Temp Range: 39 to 55 F

Wind Speed: 3 - 10 mph

Wind Direction: W - E

Time GZA Arrived on Site: 0730

Site Conditions: WET

Contractors on Site: MFLHERST @ 0730
BRANDY @ 0730

- GZA Personnel On-Site: D. WOLF
- GZA's Equipment On-Site: 2-TSI DUST TRAK II'S
1-MINIABE 3000 PID

Name of NYSDEC Representative(s) on Site:

Time of arrival:

Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- MFLHERST CONSTRUCTION CONTINUING TO EXCAVATE SUITABLE COVER SOIL AND IMPACTED SOIL FROM BUILDING #1 FOOT PRINT TO INSTALL FOOTINGS AND FOUNDATION WALLS. SPOILS WERE PLACED WITHIN THE SWALE LOCATED WITHIN THE BUILDING #2 FOOTPRINT TO BRING THE GRADE UP.
- BRANDY CONSTRUCTION ON SITE TO INSTALL FOOTINGS/FOUNDATION WALLS FOR BUILDING #1. A PORTION OF THE BUILDING #1 FOOTER BEING PLACED THIS DATE.
- SUB ON SITE TO INSPECT THE FOOTER SUBGRADE AND REBAR INSTALLATION.

Photos taken: 9308 - 9334

Time GZA left Site: 1700

Prepared by: D. WOLF

Reviewed by: J. Richter

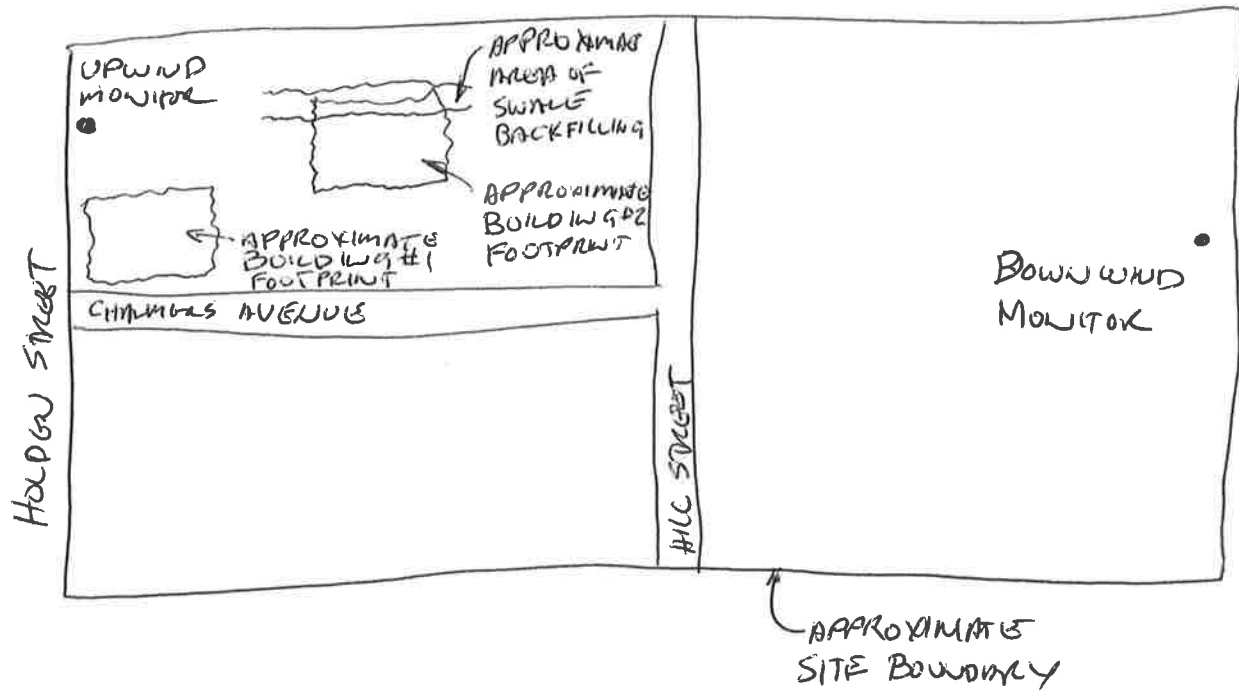
DAILY FIELD SUMMARY FORM

DATE: 10/26/2017

FILE No. 21.0056642.30

REPORT No. 17-09

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development



APPROXIMATE
WIND DIRECTION →

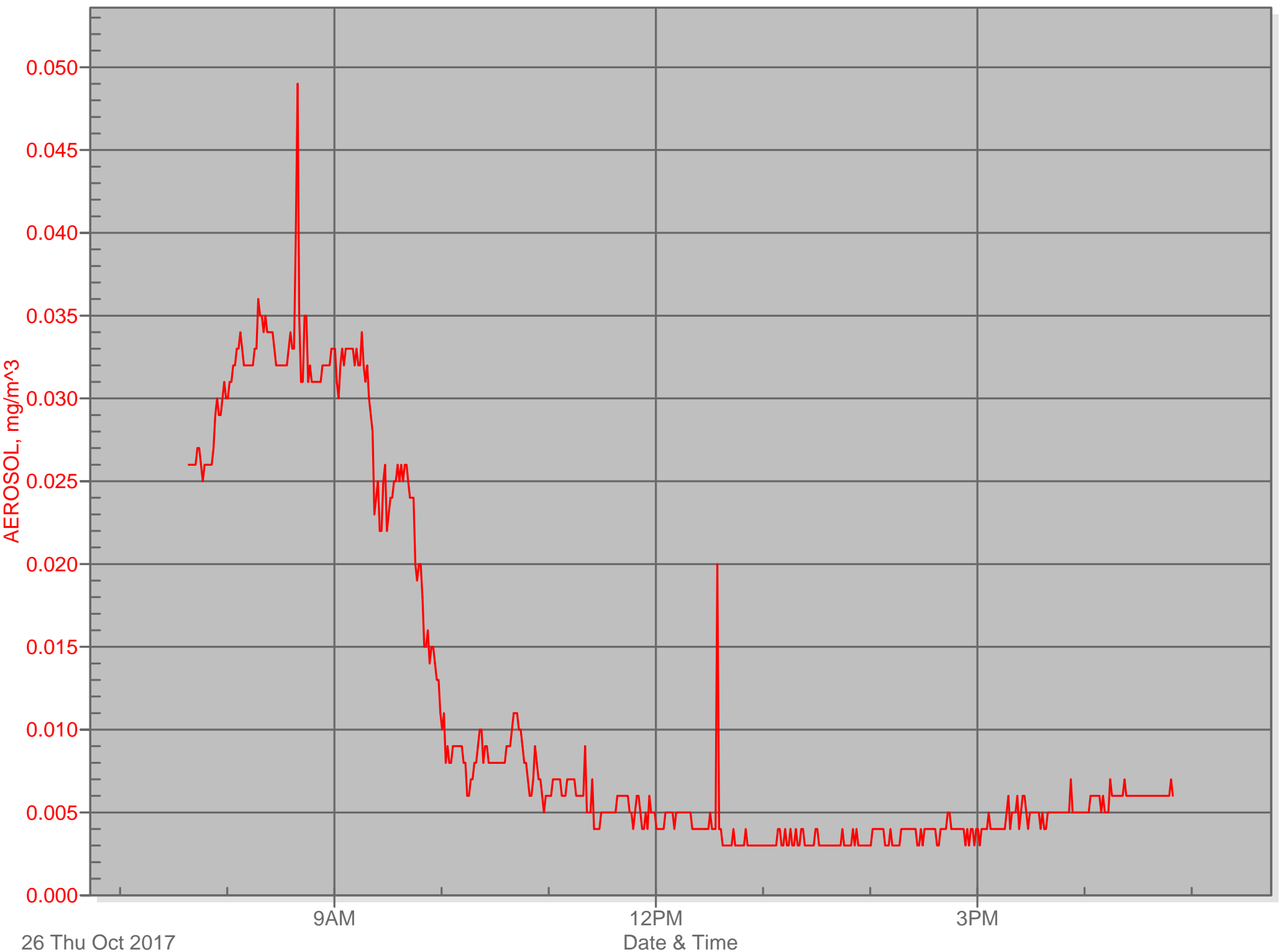
Test 011

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/26/2017
Instrument S/N	8530153315	Start Time	07:37:21
		Stop Date	10/26/2017
		Stop Time	16:49:21
		Total Time	0:09:12:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.011 mg/m ³
Max	0.049 mg/m ³
Max Date	10/26/2017
Max Time	08:39:21
Min	0.003 mg/m ³
Min Date	10/26/2017
Min Time	12:37:21
TWA (8 hr)	0.012
TWA Start Date	10/26/2017
TWA Start Time	07:37:21
TWA End Time	16:49:21

129 Holden St

10-26-2017



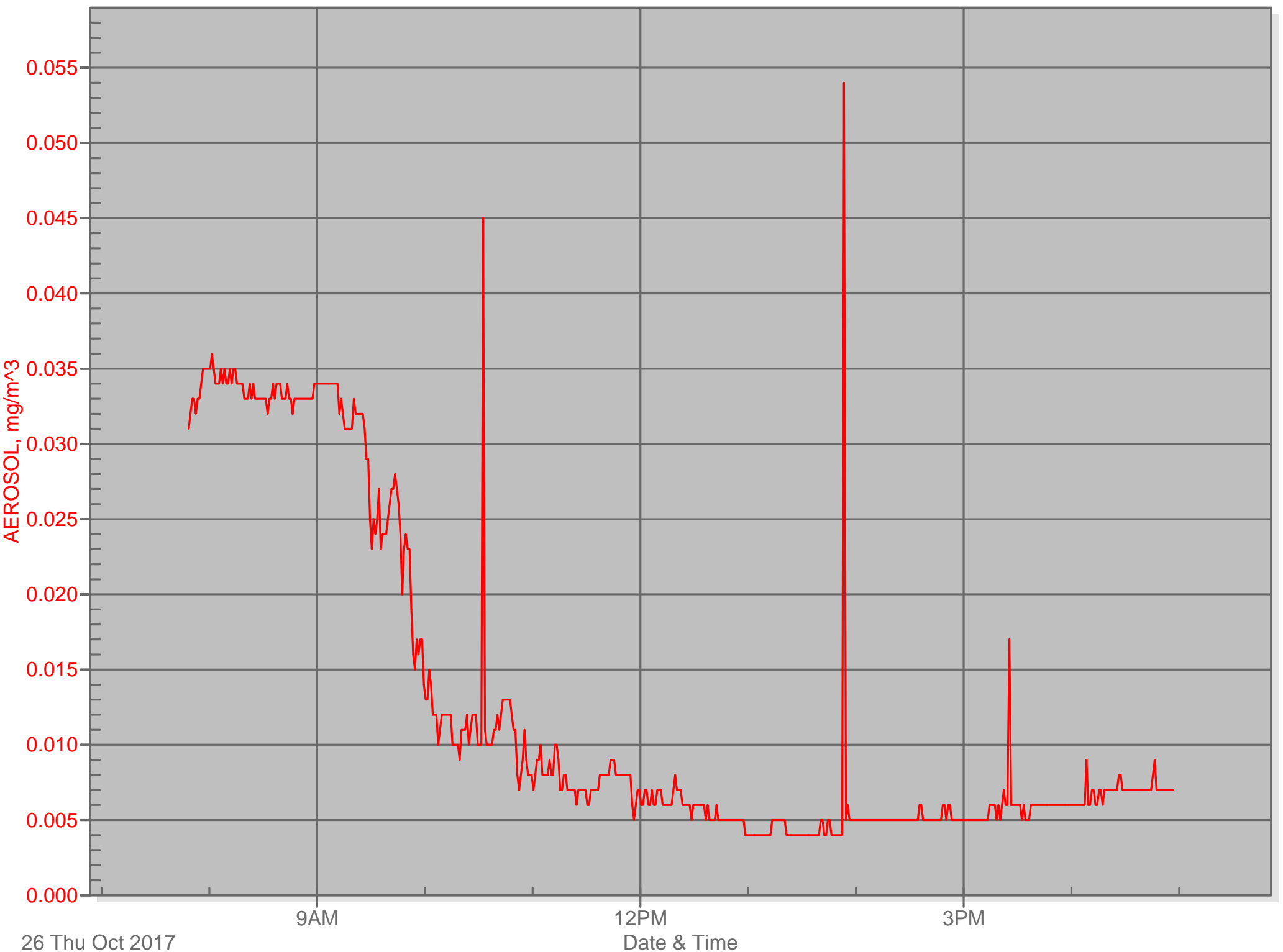
Test 009

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/26/2017
Instrument S/N	8530141112	Start Time	07:47:24
		Stop Date	10/26/2017
		Stop Time	16:56:24
		Total Time	0:09:09:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.013 mg/m ³
Max	0.054 mg/m ³
Max Date	10/26/2017
Max Time	13:53:24
Min	0.004 mg/m ³
Min Date	10/26/2017
Min Time	12:58:24
TWA (8 hr)	0.013
TWA Start Date	10/26/2017
TWA Start Time	07:47:24
TWA End Time	16:56:24

129 Holden St

10-26-2017



DAILY FIELD SUMMARY FORM

DATE: 10/27/2017

FILE No. 21.0056642.30

REPORT No. 17-10

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

GENERAL WEATHER CONDITIONS: P. SUNNY

Temp Range: 38 to 65°F

Wind Speed: 5-10 mph

Wind Direction: S-N

Time GZA Arrived on Site: 0725

Site Conditions: Damp

Contractors on Site: MELHORST @ 0730
BRIMDY @ 0730

- GZA Personnel On-Site: D. WULF
T. KLOTTE - 1300-1500
- GZA's Equipment On-Site: 2 - TSI DUST TRAK II's
1 - MINIRAE 3000 PID

Name of NYSDEC Representative(s) on Site:

Time of arrival:

Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- BRIMDY CONSTRUCTION CONTINUING TO INSTALL FOOTER/FOUNDATION WALLS FOR BUILDING #1
- MELHORST CONSTRUCTION IS EXCAVATING IMPACTED SOIL FROM THE DRIVEWAY AREA NORTH OF BUILDING #1. SPILLS WERE PLACED IN THE SWALE WITHIN THE BUILDING #2 FOOTPRINT TO BEING UP THE GRADE.

Photos taken: 9335-9358

Time GZA left Site: ~~1700~~ 1600

Prepared by: D. WULF

Reviewed by: J. Richert

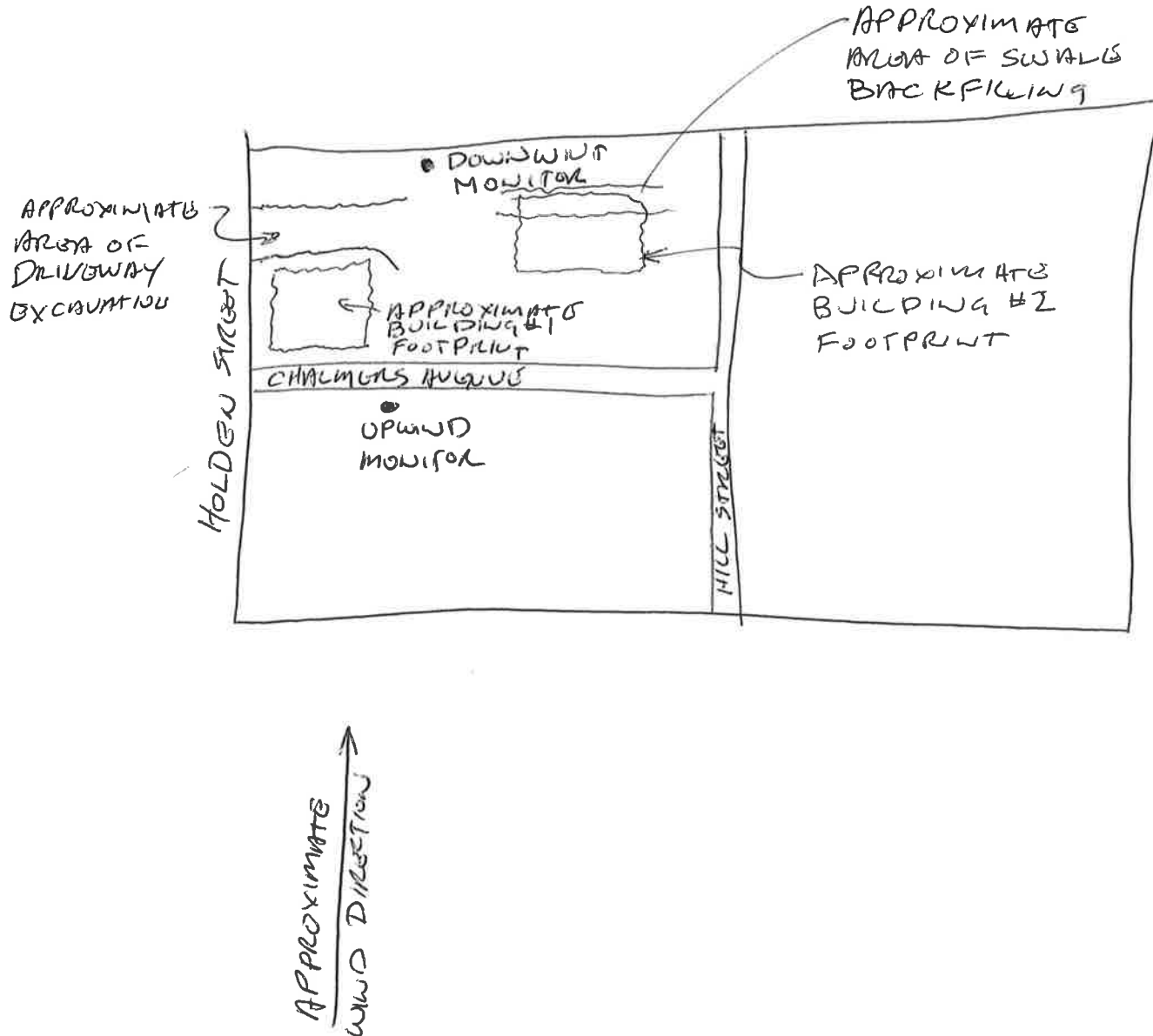
DAILY FIELD SUMMARY FORM

DATE: 10/27/2017

FILE No. 21.0056642.30

REPORT No. 17-10

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development



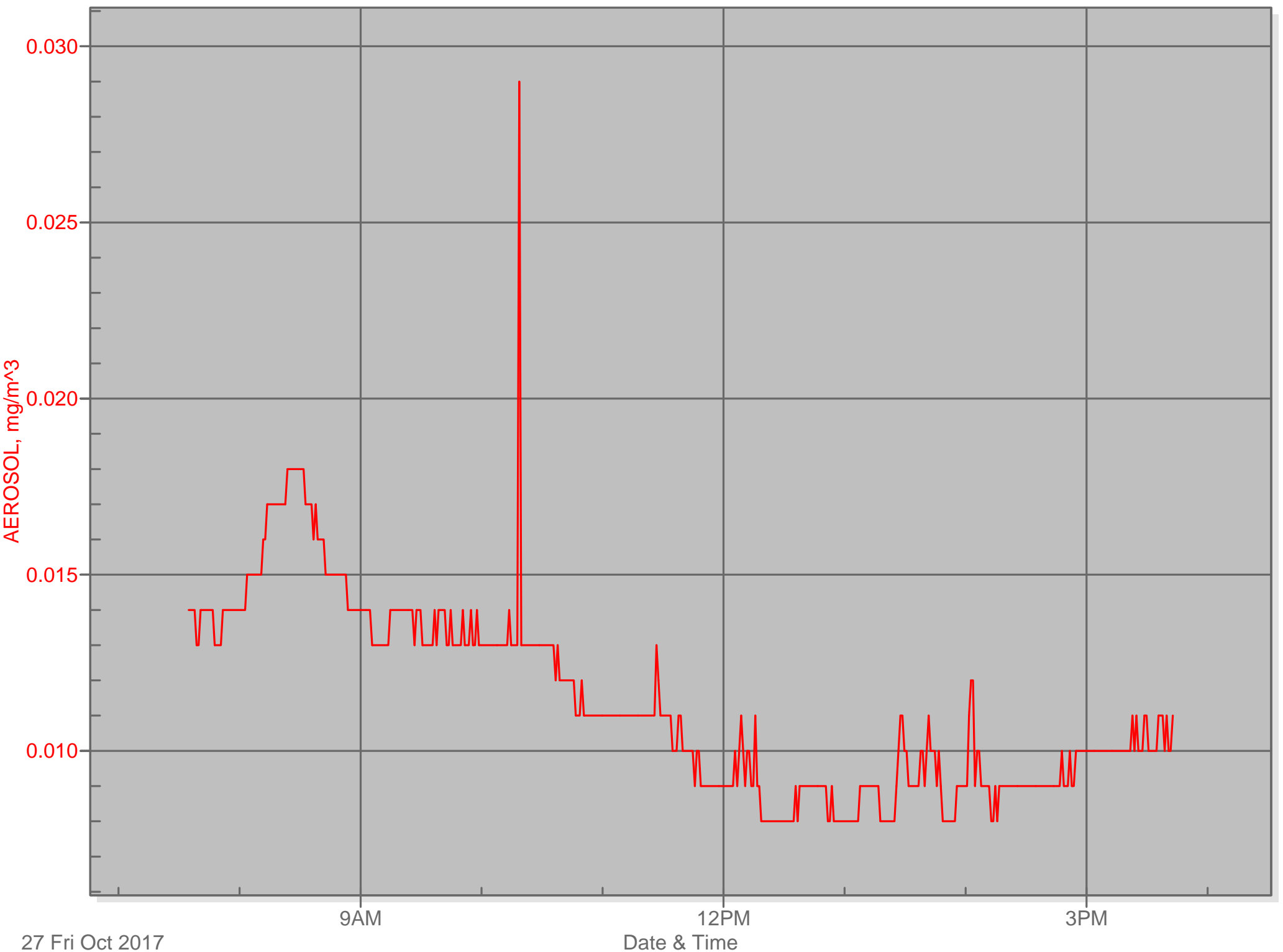
Test 012

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/27/2017
Instrument S/N	8530153315	Start Time	07:33:43
		Stop Date	10/27/2017
		Stop Time	15:42:43
		Total Time	0:08:09:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.011 mg/m ³
Max	0.029 mg/m ³
Max Date	10/27/2017
Max Time	10:18:43
Min	0.008 mg/m ³
Min Date	10/27/2017
Min Time	12:18:43
TWA (8 hr)	0.011
TWA Start Date	10/27/2017
TWA Start Time	07:33:43
TWA End Time	15:42:43

129 Holden St

10-27-2017



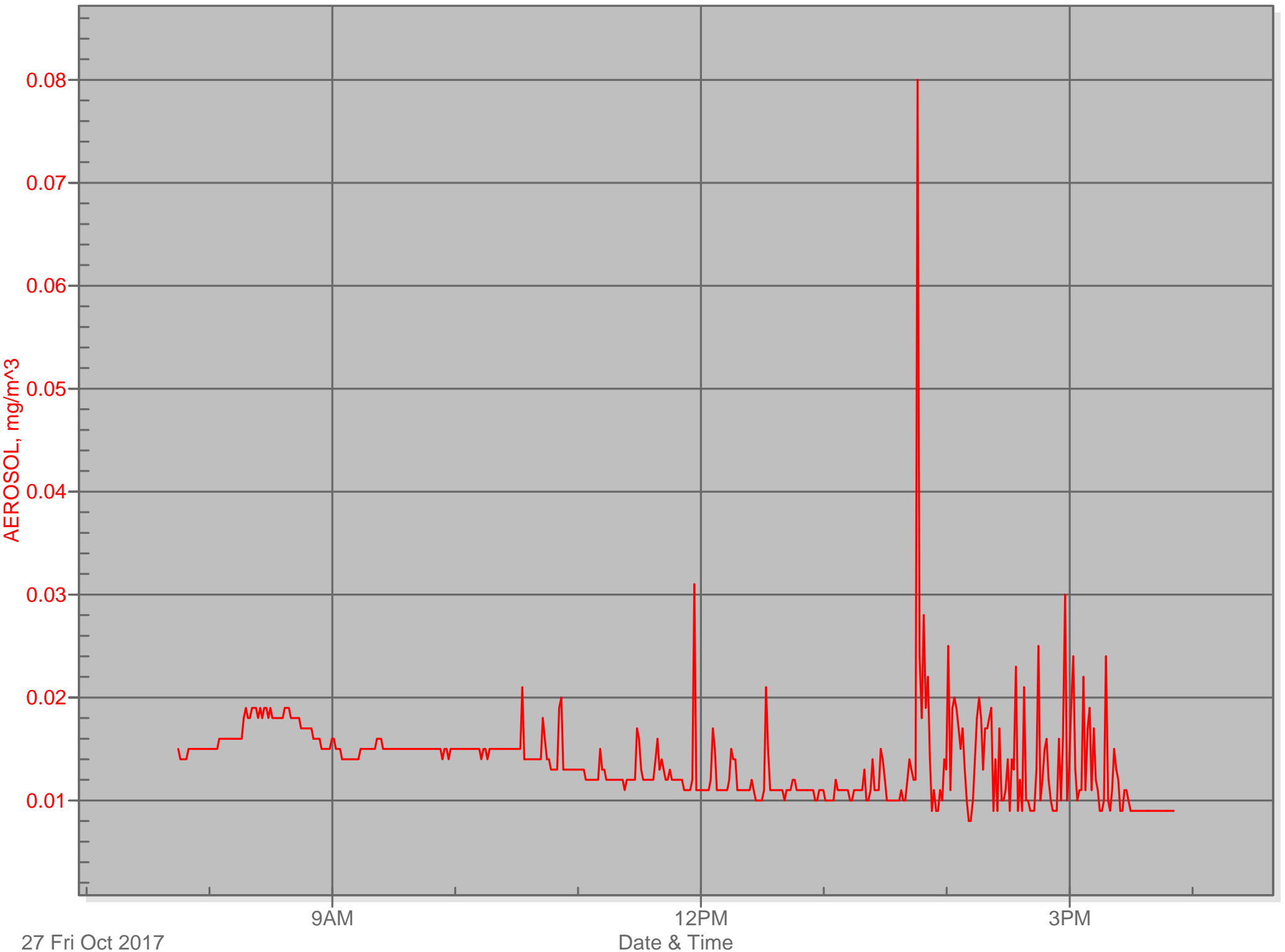
Test 010

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/27/2017
Instrument S/N	8530141112	Start Time	07:43:46
		Stop Date	10/27/2017
		Stop Time	15:50:46
		Total Time	0:08:07:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.014 mg/m ³
Max	0.080 mg/m ³
Max Date	10/27/2017
Max Time	13:45:46
Min	0.008 mg/m ³
Min Date	10/27/2017
Min Time	14:10:46
TWA (8 hr)	0.014
TWA Start Date	10/27/2017
TWA Start Time	07:43:46
TWA End Time	15:50:46

129 Holden St

10-27-2017



DAILY FIELD SUMMARY FORM

DATE: 10-30-2017

FILE No. 21.0056642.30

REPORT No. 17-11

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

GENERAL WEATHER CONDITIONS: P. Cloudy

Temp Range: 42 to 49 °F

Wind Speed: 15-25 mph

Wind Direction: W → E

Time GZA Arrived on Site: 0730

Site Conditions: Moist

Contractors on Site: MELHERST @ 0730

BRAWDY @ 0730

- GZA Personnel On-Site: T. KLETTE
- GZA's Equipment On-Site: 2 - TSI DUST TRAK II's
1 - MINIRAE 3000 PID

Name of NYSDEC Representative(s) on Site:

Time of arrival:

Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- BRAWDY CONSTRUCTION CONTINUES TO BUILD FOOTER/FOUNDATION WALLS FOR BUILDING #1
- MELHERST CONSTRUCTION IS EXCAVATING SUITABLE COVER SOILS FROM THE DRIVEWAY AREA (NORTHEAST OF BUILDING #1) SPOILS ARE BEING PLACED WITHIN THE BUILDING #2 FOOTPRINT TO RAISE GRADE. IN THE AFTERNOON, CRUSHED STONE FROM AN ON-SITE STOCKPILE WERE BEING USED TO CREATE A PLATFORM FOR BUILDING #2.
- CAPITAL FENCE CO. REALIGNED THE FENCELINE ALONG THE WEST EDGE OF SITE AREA NEAR BUILDING #1.

Photos taken: 9359-9365

Time GZA left Site: 1515

Prepared by: T. KLETTE

Reviewed by: J. Richter

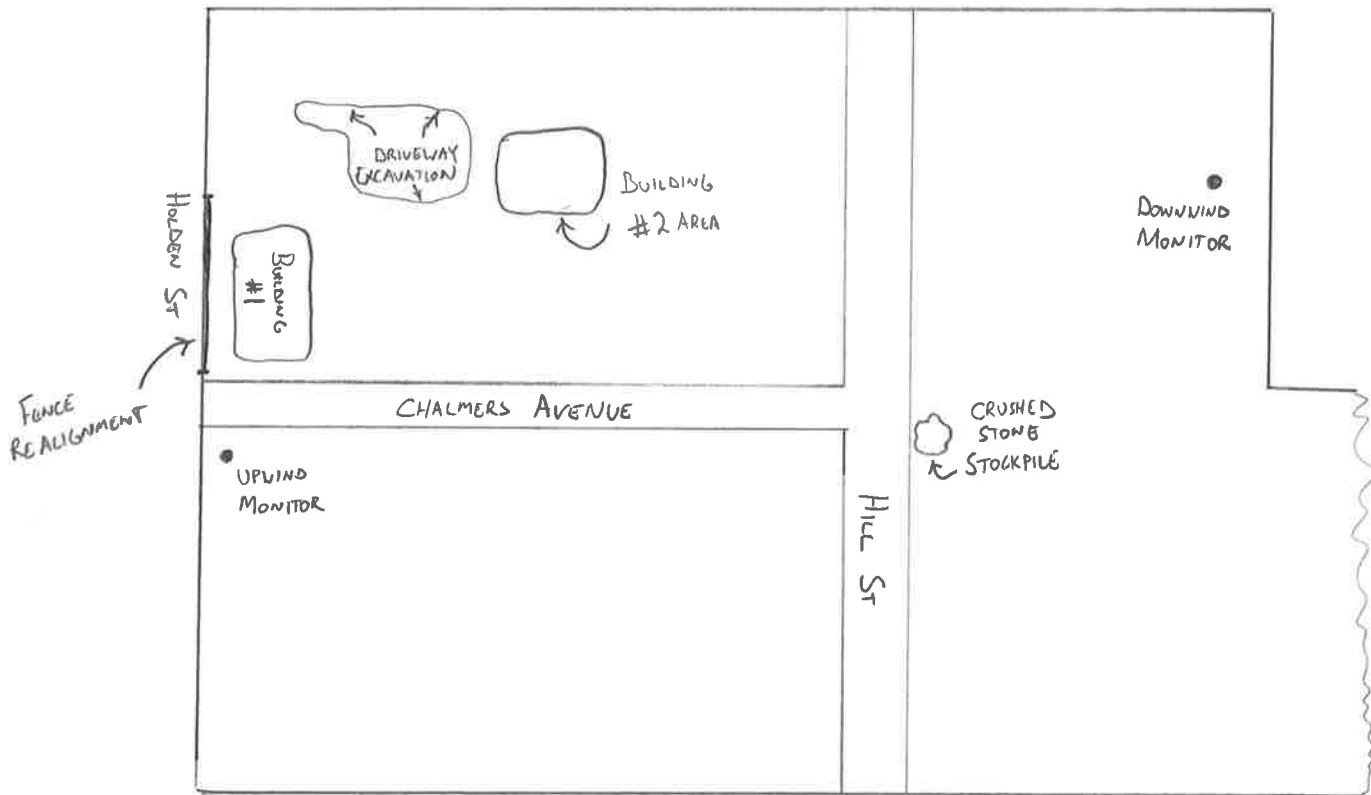
DAILY FIELD SUMMARY FORM

DATE: 10-30- 2017

FILE No. 21.0056642.30

REPORT No. 17-11

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development



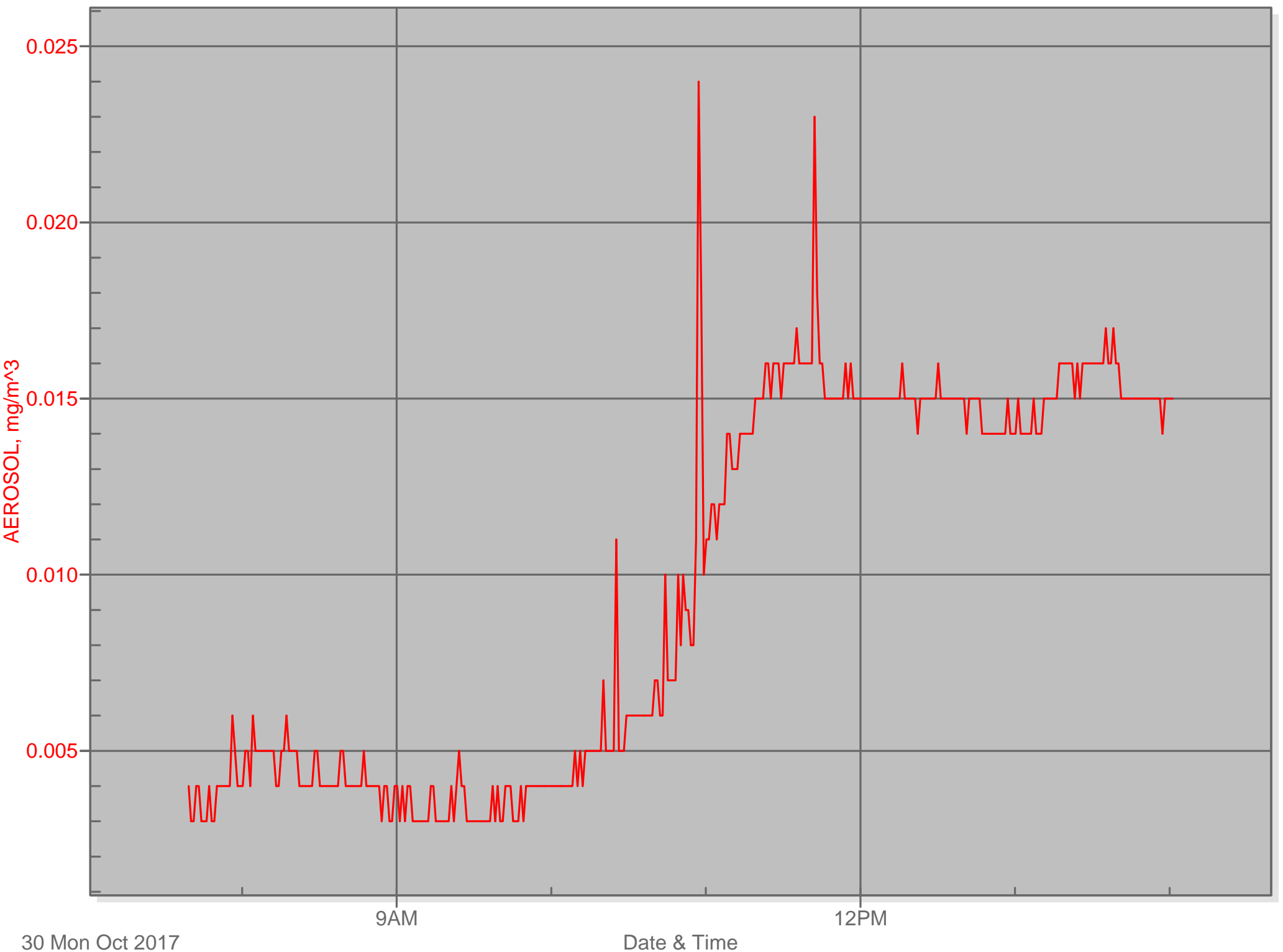
Test 013

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/30/2017
Instrument S/N	8530153315	Start Time	07:38:14
		Stop Date	10/30/2017
		Stop Time	14:01:14
		Total Time	0:06:23:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.010 mg/m ³
Max	0.024 mg/m ³
Max Date	10/30/2017
Max Time	10:57:14
Min	0.003 mg/m ³
Min Date	10/30/2017
Min Time	07:40:14
TWA (8 hr)	0.008
TWA Start Date	10/30/2017
TWA Start Time	07:38:14
TWA End Time	14:01:14

129 Holden St

10-30-2017



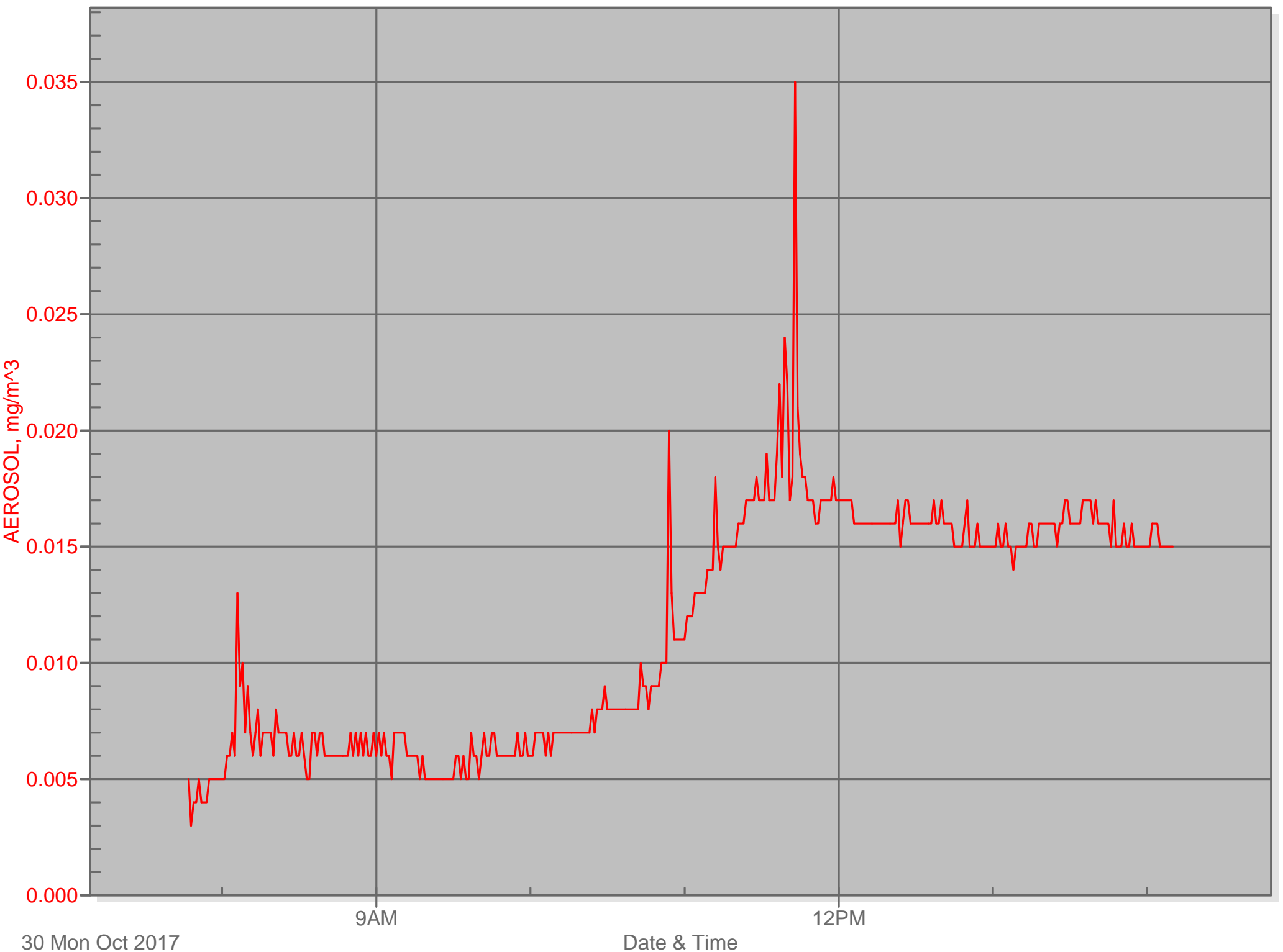
Test 011

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/30/2017
Instrument S/N	8530141112	Start Time	07:45:57
		Stop Date	10/30/2017
		Stop Time	14:09:57
		Total Time	0:06:24:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.011 mg/m ³
Max	0.035 mg/m ³
Max Date	10/30/2017
Max Time	11:42:57
Min	0.003 mg/m ³
Min Date	10/30/2017
Min Time	07:47:57
TWA (8 hr)	0.009
TWA Start Date	10/30/2017
TWA Start Time	07:45:57
TWA End Time	14:09:57

129 Holden St

10-30-2017



DAILY FIELD SUMMARY FORM

DATE: 10-31-2017

FILE No. 21.0056642.30

REPORT No. 17-12

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

GENERAL WEATHER CONDITIONS: CLOUDY

Temp Range: 39 to 45°F

Wind Speed: 15 to 25 mph

Wind Direction: WSW to ENE

Time GZA Arrived on Site: 0720

Site Conditions: SATURATED

Contractors on Site: BRAWDY @ 0730

- GZA Personnel On-Site: T. KLETTKE / MIKE KRESS
- GZA's Equipment On-Site: 2-TSI DUST TRAX II's
1-MINI RAE 3000 PID

Name of NYSDEC Representative(s) on Site:

Time of arrival:

Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- MELHERST CONSTRUCTION CONTINUING TO EXCAVATE SUITABLE COVER SOIL FROM THE BUILDING #1 FOOTPRINT. SPOILS ARE BEING PLACED IN THE SHALE ALONG THE NORTH END OF THE BUILDING #2 FOOTPRINT.
- BRAWDY CONSTRUCTION CONTINUES TO INSTALL CONCRETE FOOTERS/FOUNDATION FOR BUILDING #1.
- MELHERST CONSTRUCTION PLACING CRUSHED STONE FROM AN ON-SITE STOCKPILE W/IN EXCAVATED AREA FOR FOUNDATION OF BUILDING #1

Photos taken: 9366 -

Time GZA left Site: 1500

Prepared by: T. KLETTKE

Reviewed by: J. Richert

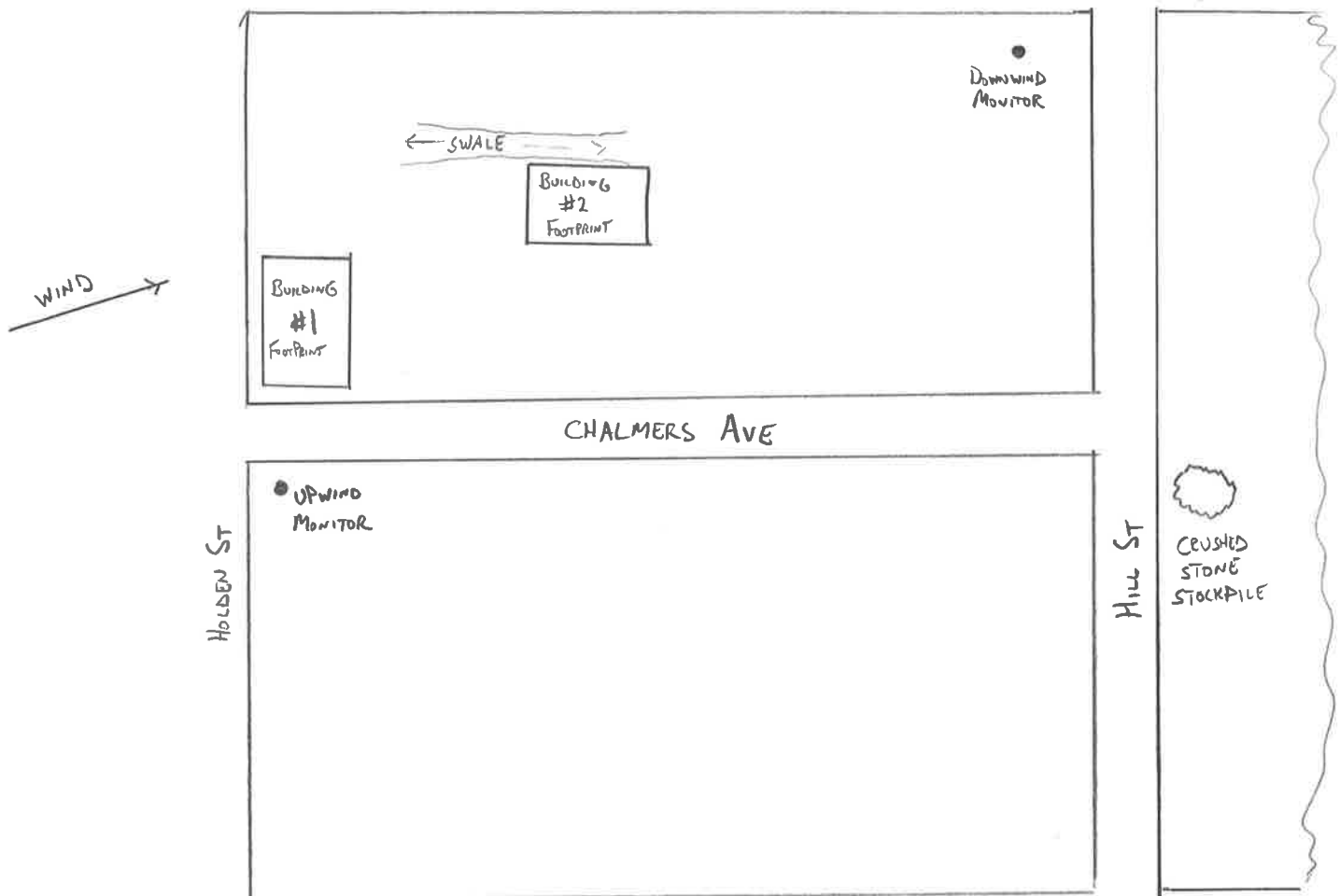
DAILY FIELD SUMMARY FORM

DATE: 10-31-2017

FILE No. 21.0056642.30

REPORT No. 17-12

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development



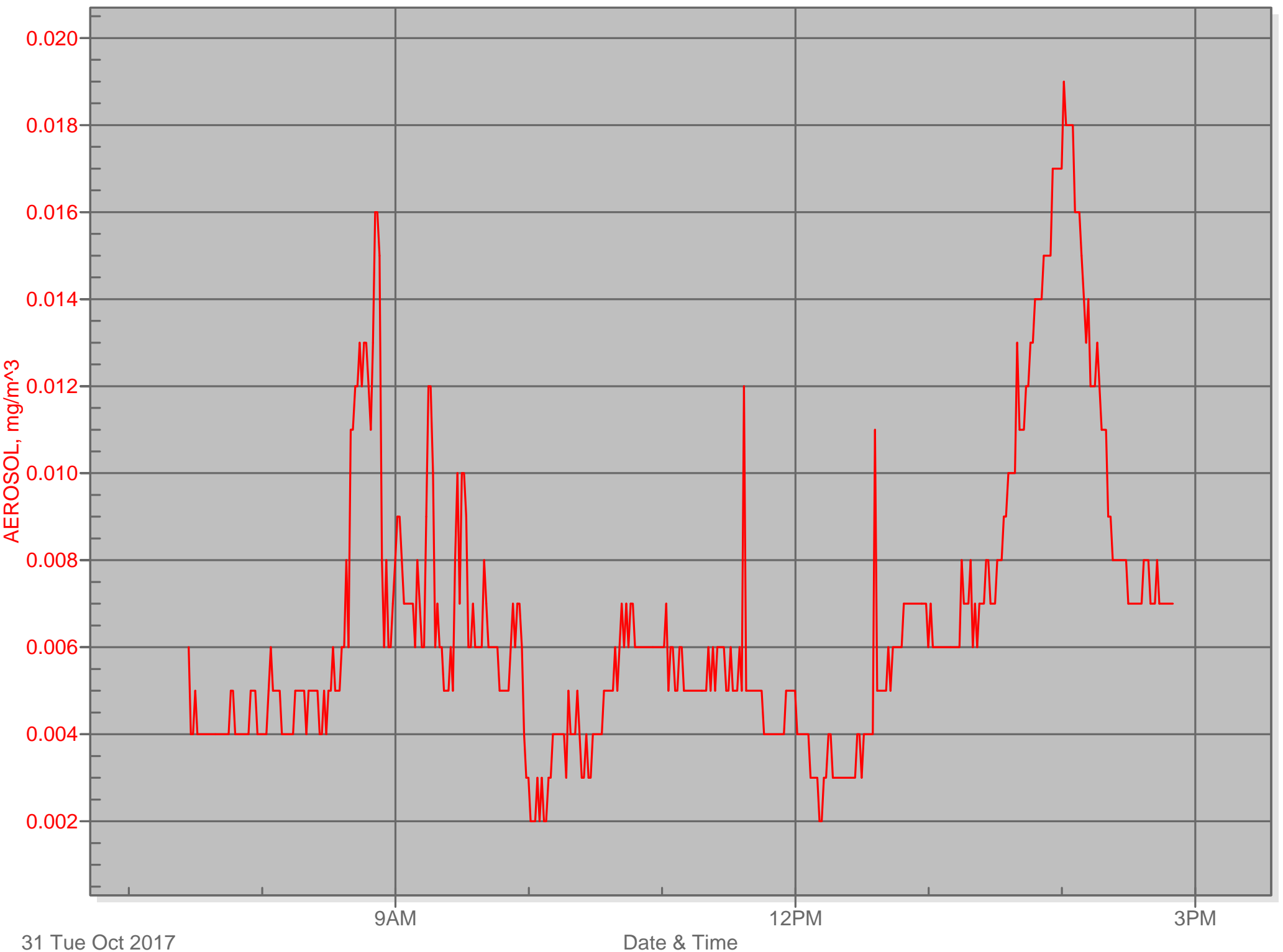
Test 014

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/31/2017
Instrument S/N	8530153315	Start Time	07:25:51
		Stop Date	10/31/2017
		Stop Time	14:49:51
		Total Time	0:07:24:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.007 mg/m ³
Max	0.019 mg/m ³
Max Date	10/31/2017
Max Time	14:00:51
Min	0.002 mg/m ³
Min Date	10/31/2017
Min Time	10:00:51
TWA (8 hr)	0.006
TWA Start Date	10/31/2017
TWA Start Time	07:25:51
TWA End Time	14:49:51

129 Holden St

10-31-2017



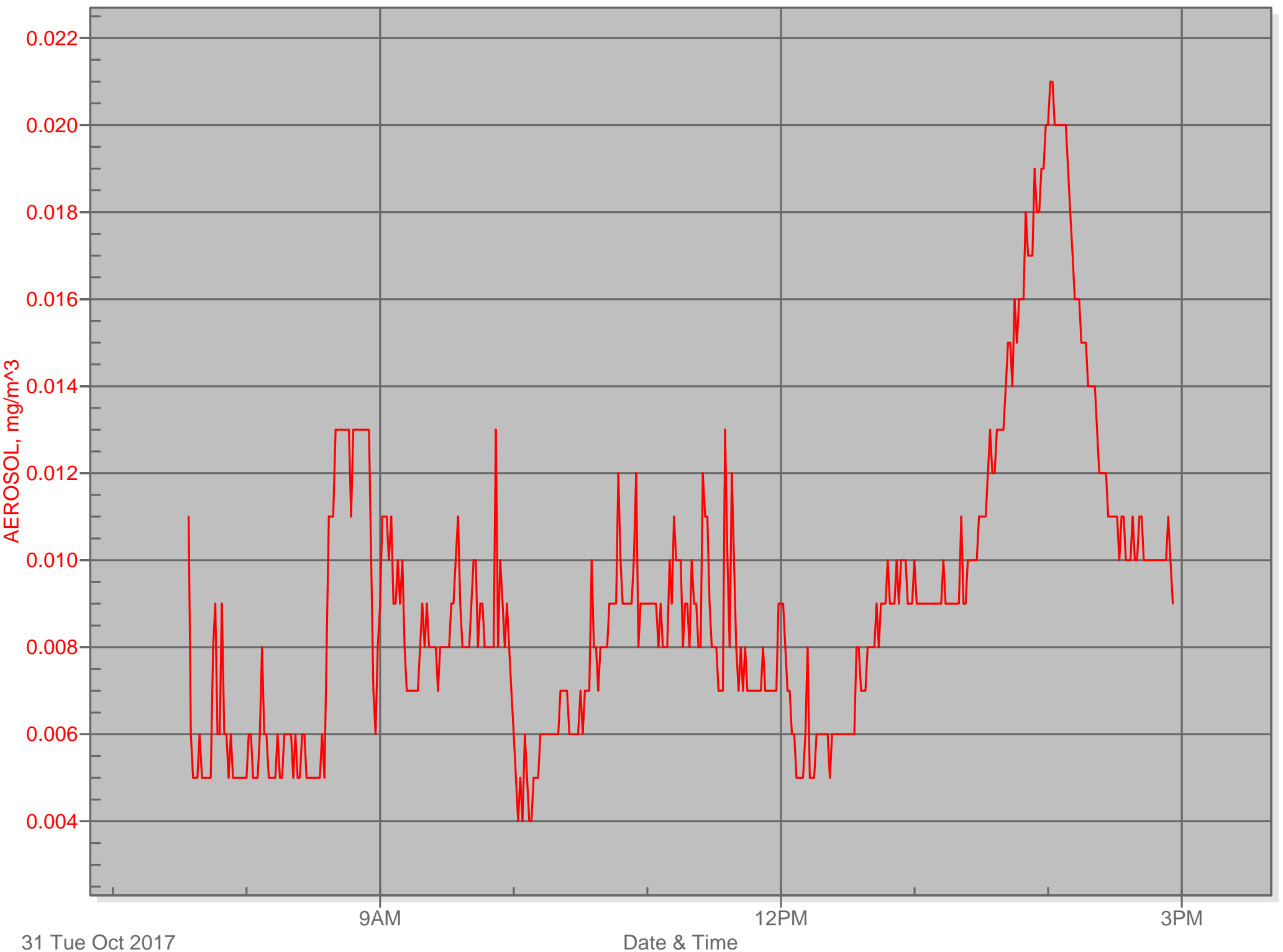
Test 012

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/31/2017
Instrument S/N	8530141112	Start Time	07:32:57
		Stop Date	10/31/2017
		Stop Time	14:55:57
		Total Time	0:07:23:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.009 mg/m ³
Max	0.021 mg/m ³
Max Date	10/31/2017
Max Time	14:00:57
Min	0.004 mg/m ³
Min Date	10/31/2017
Min Time	10:01:57
TWA (8 hr)	0.008
TWA Start Date	10/31/2017
TWA Start Time	07:32:57
TWA End Time	14:55:57

129 Holden St

10-31-2017



DAILY FIELD SUMMARY FORM

DATE: 11-1-2017

FILE No. 21.0056642.30

REPORT No. 17-13

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

GENERAL WEATHER CONDITIONS: Cloudy

Temp Range: to °F

Wind Speed: 5-15 mph

Wind Direction: S to N

Time GZA Arrived on Site: 0730

Site Conditions: Moist

Contractors on Site: BRANDY, MELHERST 0730

- GZA Personnel On-Site: Mike Kress
- GZA's Equipment On-Site: (2) TSI Dust Trax II
(1) Min. Rae 3000 (PID)

Name of NYSDEC Representative(s) on Site:

Time of arrival:

Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- MELHERST Construction continued excavation & GRADING OF SUITABLE COVER SOILS AT BUILDING #2 Footprint (North Side Source).
- BRANDY Construction Install Formwork For Footers/Foundation of Building #1
- MELHERST EXCAVATED Northern portion of Building #2 Footprint. Approx 1' below orange demarcation fabric. Gray brown sandy silt gravel mix with concrete Asphalt & Cobbles. Several PID readings taken 0.0 ppm VOC's.

Photos taken: 6218-6234

Time GZA left Site: 1430

Prepared by: M. Kress

Reviewed by: J. Richert

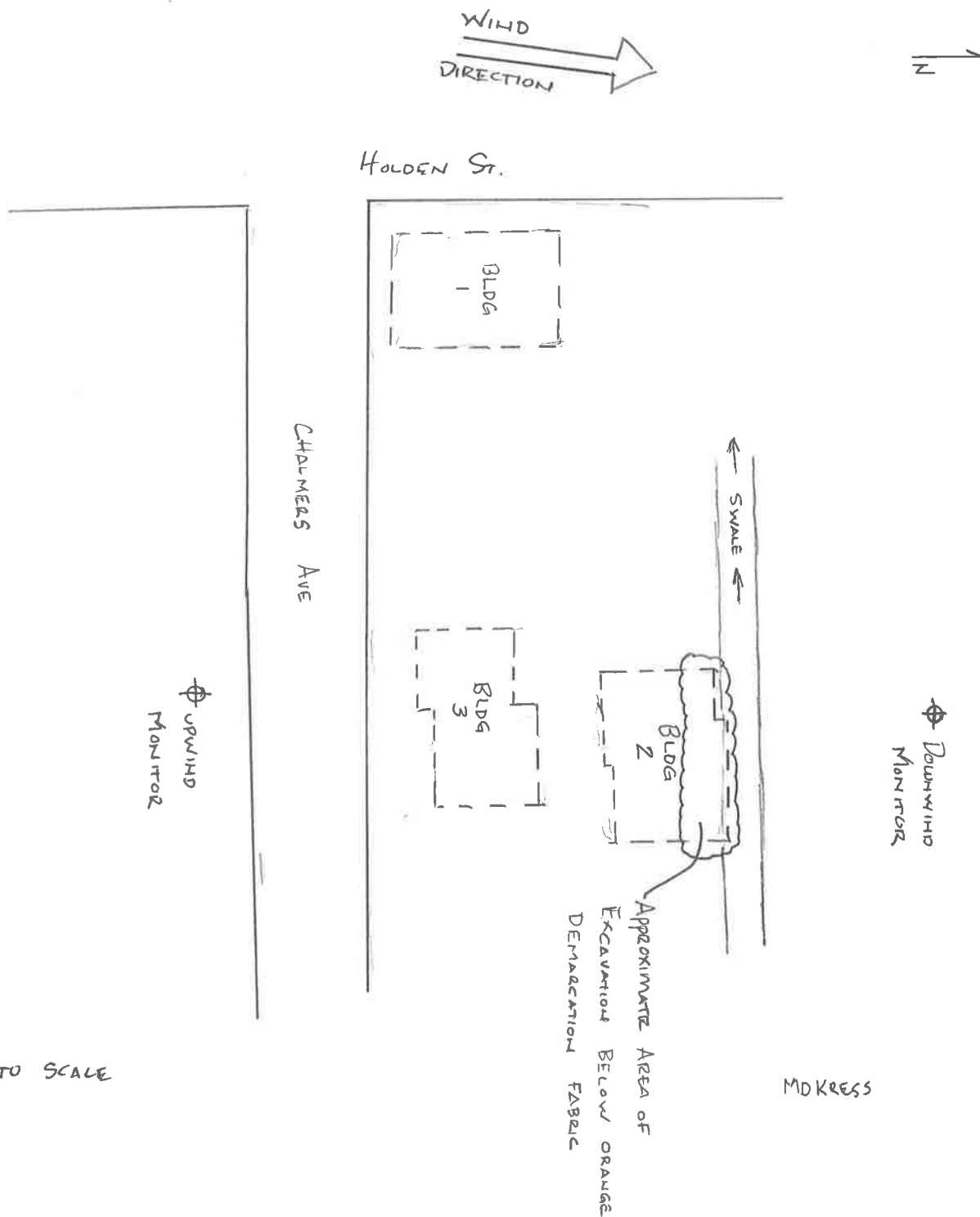
DAILY FIELD SUMMARY FORM

DATE: 11-1-2017

FILE No. 21.0056642.30

REPORT No. 17-13

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

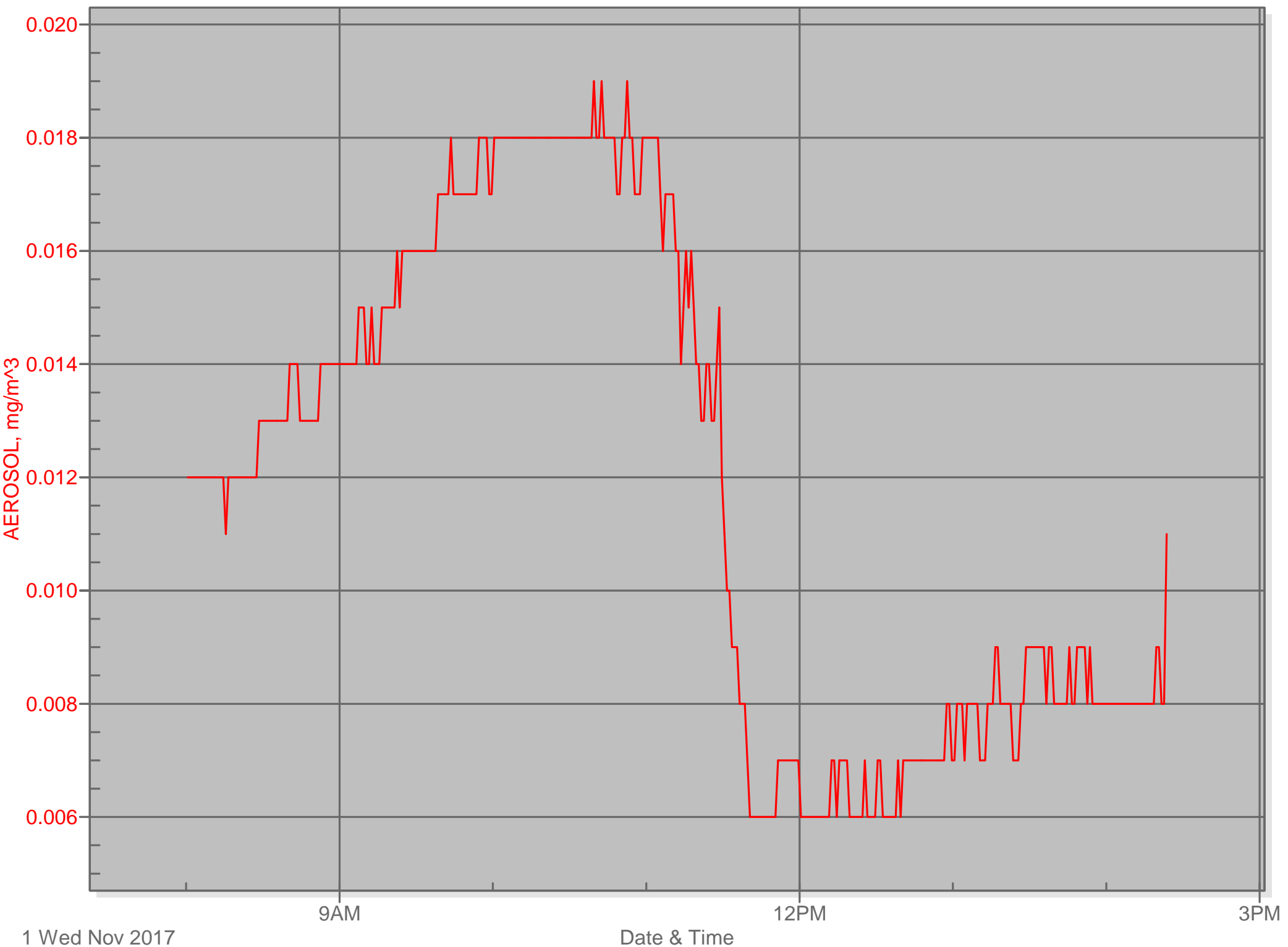


Test 015

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/01/2017
Instrument S/N	8530153315	Start Time	07:59:34
		Stop Date	11/01/2017
		Stop Time	14:23:34
		Total Time	0:06:24:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.012 mg/m ³
Max	0.019 mg/m ³
Max Date	11/01/2017
Max Time	10:39:34
Min	0.006 mg/m ³
Min Date	11/01/2017
Min Time	11:40:34
TWA (8 hr)	0.009
TWA Start Date	11/01/2017
TWA Start Time	07:59:34
TWA End Time	14:23:34

129 Holden St
11-0102017



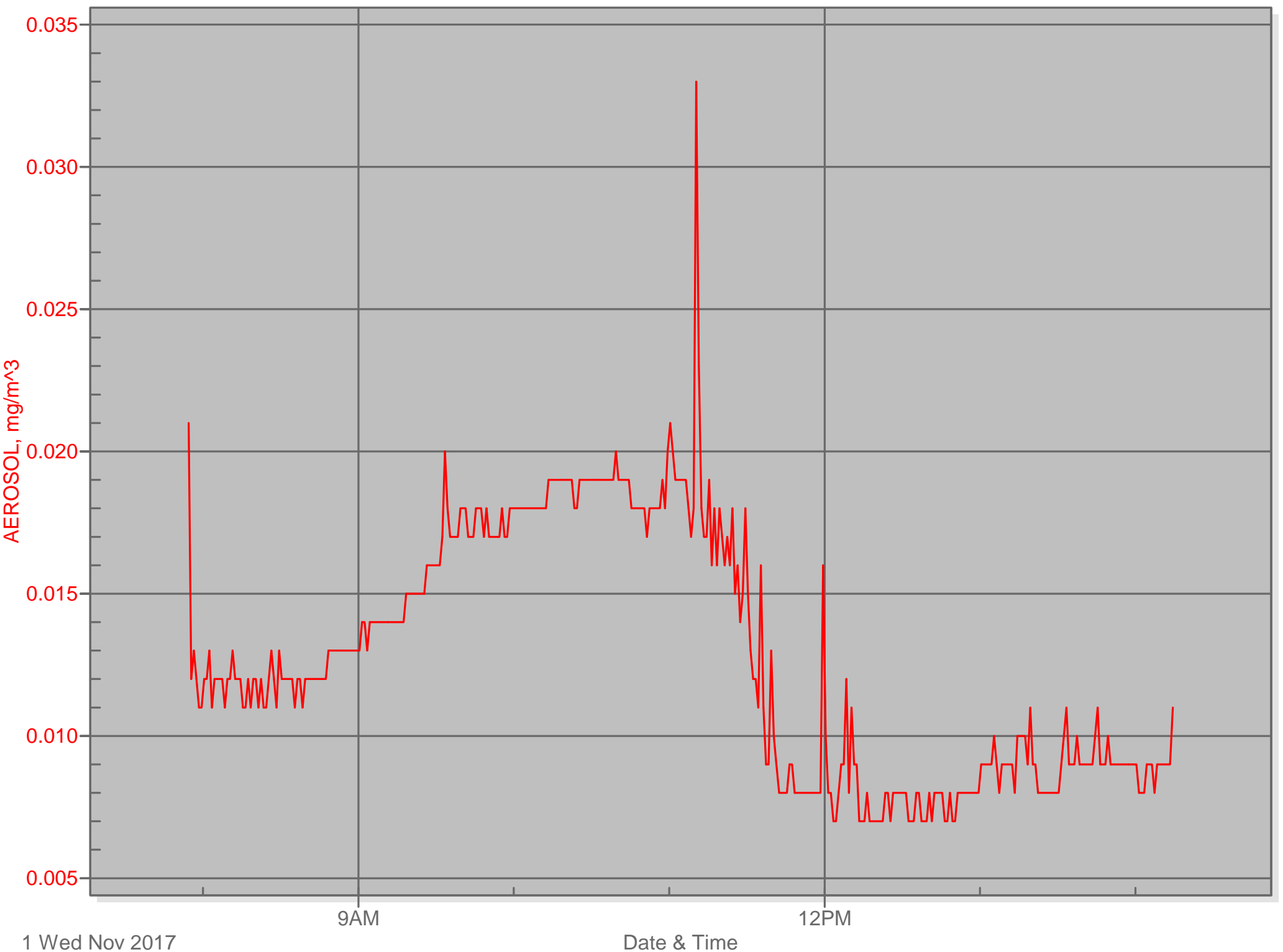
Test 013

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/01/2017
Instrument S/N	8530141112	Start Time	07:53:25
		Stop Date	11/01/2017
		Stop Time	14:14:25
		Total Time	0:06:21:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.013 mg/m ³
Max	0.033 mg/m ³
Max Date	11/01/2017
Max Time	11:10:25
Min	0.007 mg/m ³
Min Date	11/01/2017
Min Time	12:03:25
TWA (8 hr)	0.010
TWA Start Date	11/01/2017
TWA Start Time	07:53:25
TWA End Time	14:14:25

129 Holden St

11-01-2017



DAILY FIELD SUMMARY FORM

DATE: 11-2-2017

FILE No. 21.0056642.30

REPORT No. 17-14

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

GENERAL WEATHER CONDITIONS: CLOUDY, RAIN

Temp Range: 50 to 62°F

Wind Speed: 5-15 mph

Wind Direction: SSW - NNE

Time GZA Arrived on Site: 0730

Site Conditions: WET

Contractors on Site: MILHERST CONSTRUCTION }
BRANDY CONSTRUCTION } 0730

• GZA Personnel On-Site: MIKE KRESS

• GZA's Equipment On-Site: (2) TSI DUST Trax II }
(1) MINI RAE 3000 (PID) } NOT USED DUE
TO RAIN

Name of NYSDEC Representative(s) on Site:

Time of arrival:

Time of departure:

Issues Discussed with NYSDEC:

↑ DID USE PID IN PM TO SCREEN
SOILS BELOW DEMARK.

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- MILHERST EXCAVATED BELOW ORANGE DEMARCATIVE FABRIC, TO ~4' BELOW GROUND SURFACE AT LOCATIONS AROUND THE PERIMETER OF BUILDING #1, FOR FUTURE PIER FOUNDATIONS. GRAY SAND SILT & GRAVEL WITH CONCRETE & ASPHALT FRAGMENTS. NO ODOR, SHEEN OR PRODUCT OBSERVED. SPOILS PLACED AT SOUTH EDGE OF EXISTING WATER RETENTION POND AREA IN NORTHWEST CORNER OF SITE.

- BRANDY CONSTRUCTION POURED FOUNDATION WALL - OFF-SITE AT 1200

Photos taken:

6238-6241

Time GZA left Site: 1515

Prepared by: M. Kress

Reviewed by: J. Richert

- MILHERST ALSO EXCAVATING INTERIOR HAUNCH TRENCHES WITHIN BUILDING #1 FOOTPRINT. GENERALLY ~6" BELOW DEMARK FABRIC. SEGREGATING CRUSHED STONE ON TOP OF WOVEN GEOTEXTILE PRIOR TO DIGGING HAUNCH/FOOTER.
- MILHERST PLACED ORANGE DEMARCATIVE FABRIC ALONG NORTH SIDE OF BUILDING #1, APPROX 3' BELOW TOP OF FOUNDATION WALL, APPROX 4' WIDE (FOOTER TRENCH CUL.)

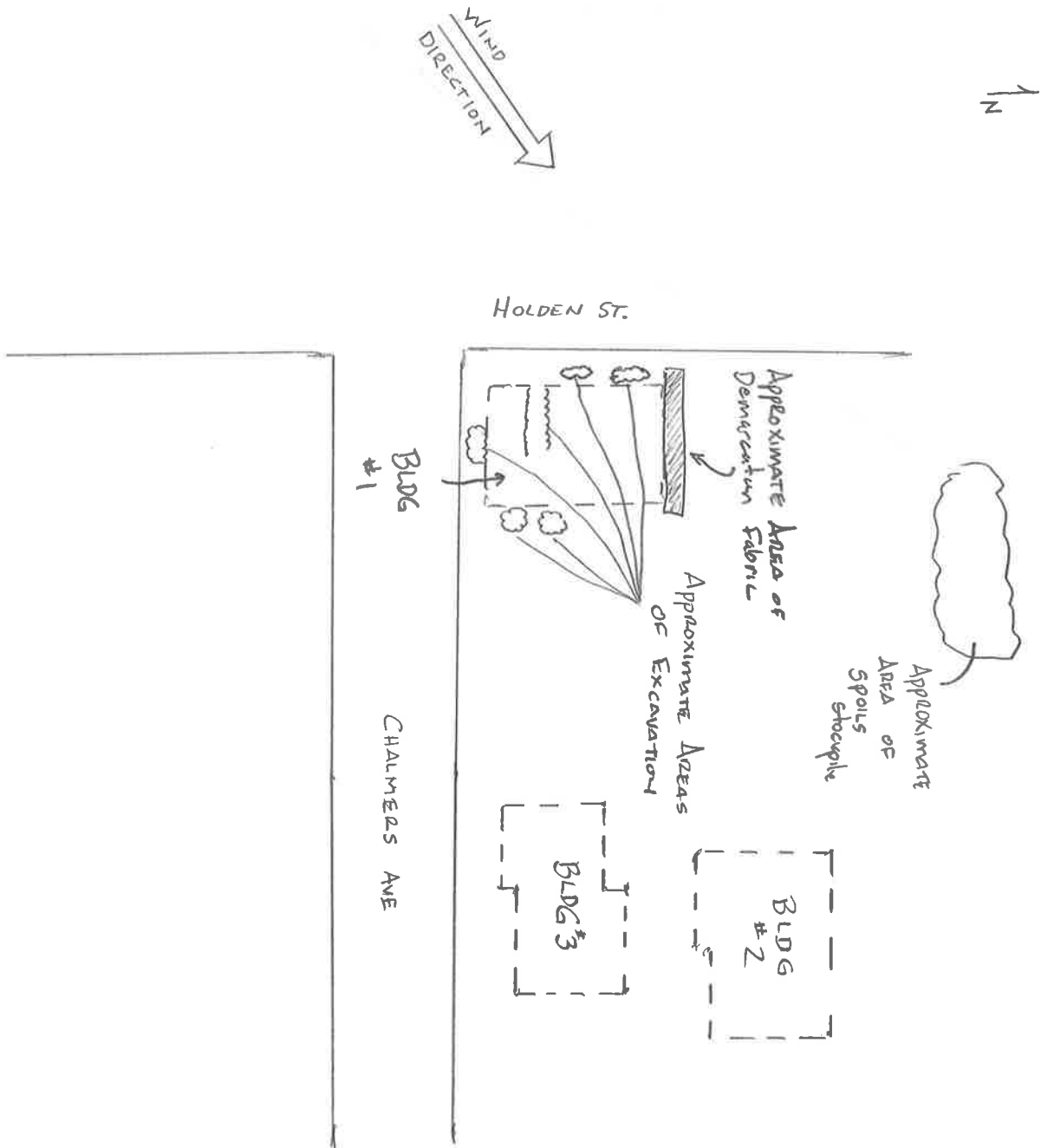
DAILY FIELD SUMMARY FORM

DATE: 11-2-2017

FILE No. 21.0056642.30

REPORT No. 17-14

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development



NOT TO SCALE

MDKRESS

DAILY FIELD SUMMARY FORM

DATE: 11-3-2017

FILE No. 21.0056642.30

REPORT No. 17-15

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

GENERAL WEATHER CONDITIONS: Cloudy AM Rain

Temp Range: 50 to 60°F

Wind Speed: 5-10 mph

Wind Direction: NW - SE

Time GZA Arrived on Site: 0730

Site Conditions: WET, SATURATED

Contractors on Site: MILHERST CONSTRUCTION
BRAWDY CONSTRUCTION } 0730 start

• GZA Personnel On-Site:

MIKE KRESS

• GZA's Equipment On-Site:

(2) DUST TRAX II ← Not USED, Site Saturated.

(1) MINI RAE 3000

Name of NYSDEC Representative(s) on Site:

Time of arrival:

Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- MILHERST CONTINUING EXCAVATION OF INTERIOR FOOTER/LAUNCH OF BUILDING #1. Segregating clean crushed stone, digging through woven geotextile ~6"-8" Below ORANGE DEMARCATION FABRIC. SOILS: SAND, GRAVEL & CLAYS BRICK & Concrete fragments, Cobbles. No staining, sheen or odors. PID Readings 0.0 ppm. Stockpiling EXCAVATED MATERIAL on South Slope of Retention Pond in NW corner of Site.

Photos taken:

6250-6263

- BRAWDY removing Formwork from Foundation Wall of BLDG #1

Time GZA left Site: 1600

- Milherst placing & Compacting crushed gravel on interior of BLDG #1 Foundation wall.

Prepared by: MIKE KRESS

- Milherst excavating & Using hoe Ram to break up concrete wall for Porch Foundations on West side of Building #1

Reviewed by: J. Richter

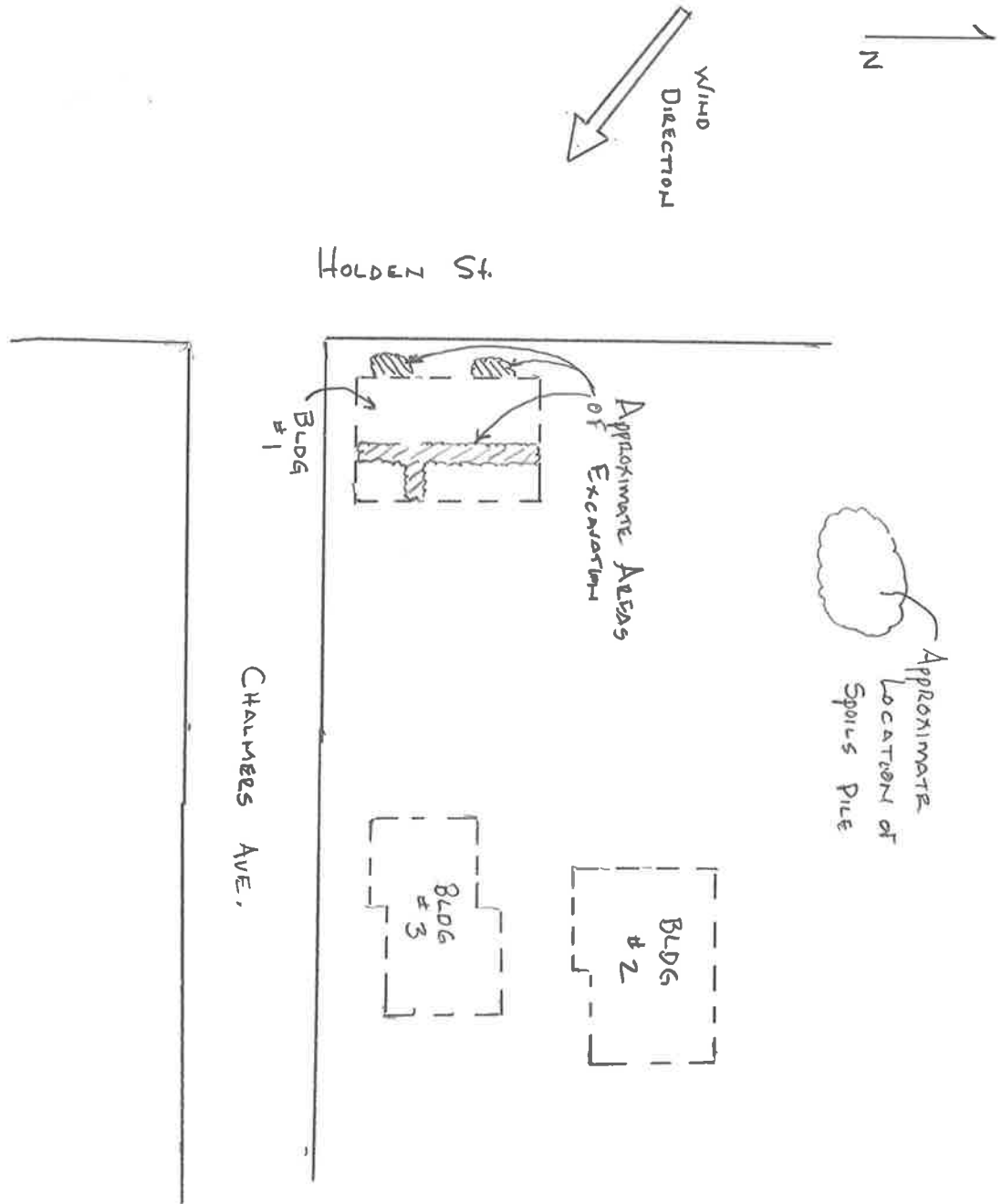
DAILY FIELD SUMMARY FORM

DATE: 11-3-2017

FILE No. 21.0056642.30

REPORT No. 17-15

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development



DAILY FIELD SUMMARY FORM

DATE: 11-6-2017

FILE No. 21.0056642.30

REPORT No. 17-16

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

GENERAL WEATHER CONDITIONS: Cloudy, AM rain

Temp Range: 45 to 55 °F

Wind Speed: 10-15 mph

Wind Direction: NW-SE

Time GZA Arrived on Site: 0730

Site Conditions: Wet, Saturated, Standing water

Contractors on Site: Brady Construction
Milherst Construction

- GZA Personnel On-Site: Mike Kress
- GZA's Equipment On-Site: (2) Dust Trax II
(1) Mini Rac 3000

Name of NYSDEC Representative(s) on Site:

Time of arrival:

Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Brady Construction Setting Forms & Rebar for Interior Footings of Bldg #1
- Milherst dug NE Interior Footing trench. PID readings 0.0ppm
- Milherst excavated Road box cut North of Building #1 to curb cut on HOLDEN St. Dug ~18" bgs. Fill Soils a mix of Fine & Coarse grained sand, Silts & clays, concrete & Asphalt debris, bricks & COBBLES. PID readings 0.0ppm. Then placed clean #3 stone, Compacted w/ 6221-6298 Roller & Wacker-Nelson plate compactor. Then placed crushed Stone (Dense grade Aggregate) & Compacted it.

Time GZA left Site: 1300

- Milherst to backfill inside & outside of Bldg #1 Foundation walls.

Prepared by: M. Kress

- Brady concrete pump truck on-site 1200 to pour interior Footers Bldg #1.

Reviewed by: Jim Richert

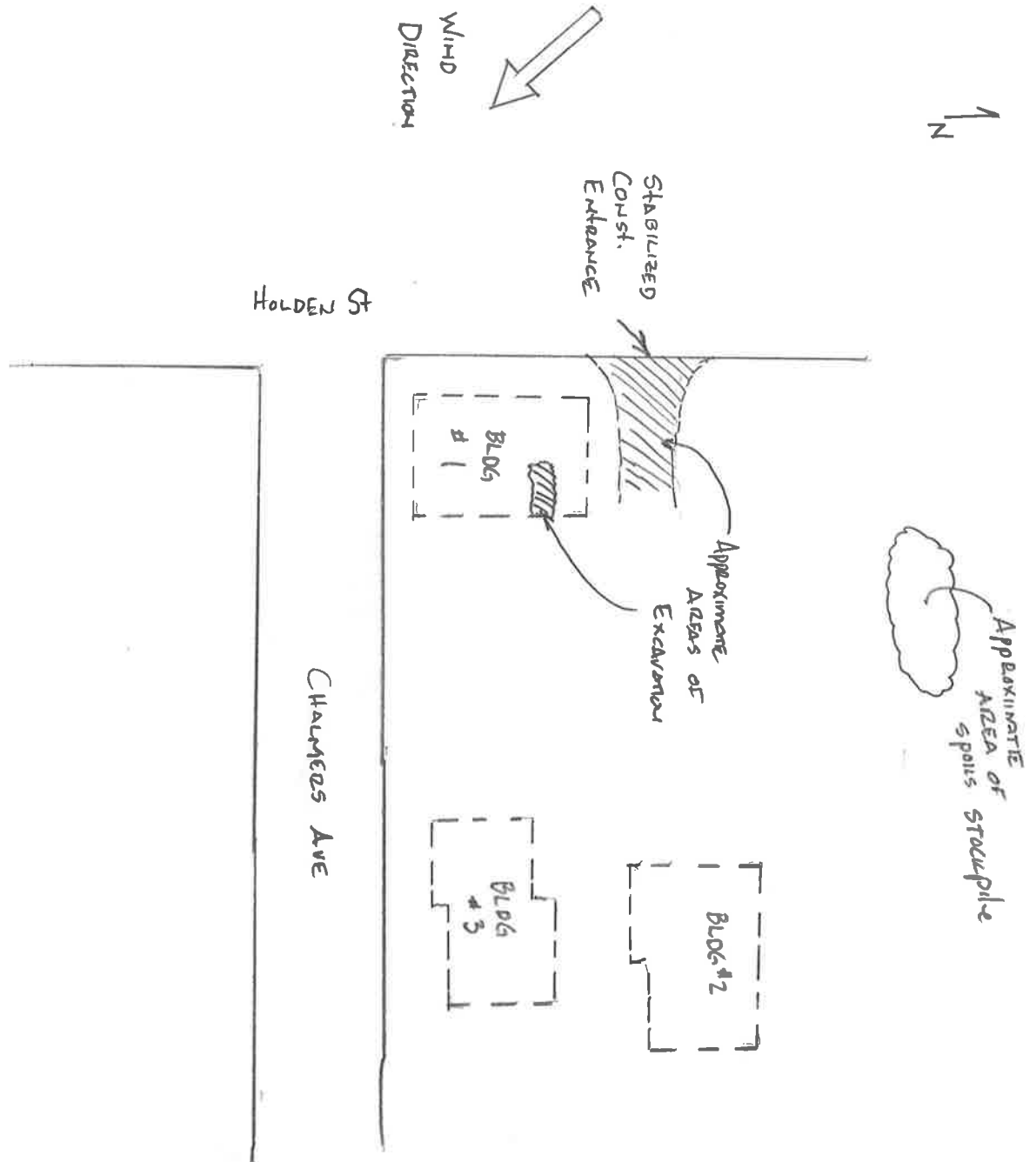
DAILY FIELD SUMMARY FORM

DATE: 11-6 2017

FILE No. 21.0056642.30

REPORT No. 17-16

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development



Not to Scale

MD Kress

DAILY FIELD SUMMARY FORM

DATE: 11-7- 2017

FILE No. 21.0056642.30

REPORT No. 17-17

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

GENERAL WEATHER CONDITIONS: Cloudy

Temp Range: 40 to °F

Wind Speed: 5-10 mph

Wind Direction: NE to SW

Time GZA Arrived on Site: 0730

Site Conditions: WET, SATURATED

Contractors on Site: MILHERST Construction } 0730 START
BRAWDY Construction

- GZA Personnel On-Site: M. Kress
- GZA's Equipment On-Site:
 - (2) Dust TRAX II
 - (1) Min. RAE 3000

Name of NYSDEC Representative(s) on Site:

Time of arrival:

Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Milherst excavating for foundations of BLDG #3 STARTING AT SW Corner. SOILS BELOW DEMARCATION FABRIC ARE A MIX OF FINE + COARSE GRAINED SANDS + SILTS with concrete, asphalt + brick fragments, cobbles + boulders. No odor product or staining observed. PID readings = 0.0 ppm VOC's
- Brawdy stripping forms of interior footings of BLDG #1.
 - Brawdy began to set forms for footings of BLDG #3.

Photos taken:

- Milherst placed clean backfill (SAND from Suitable Cover) on south half of East side of Bldg #1. stockpile

Time GZA left Site: 1630

Then placed orange demarcation fabric ~2.5' below top of Foundation Wall.

Prepared by: M. Kress

Reviewed by: J. Richter

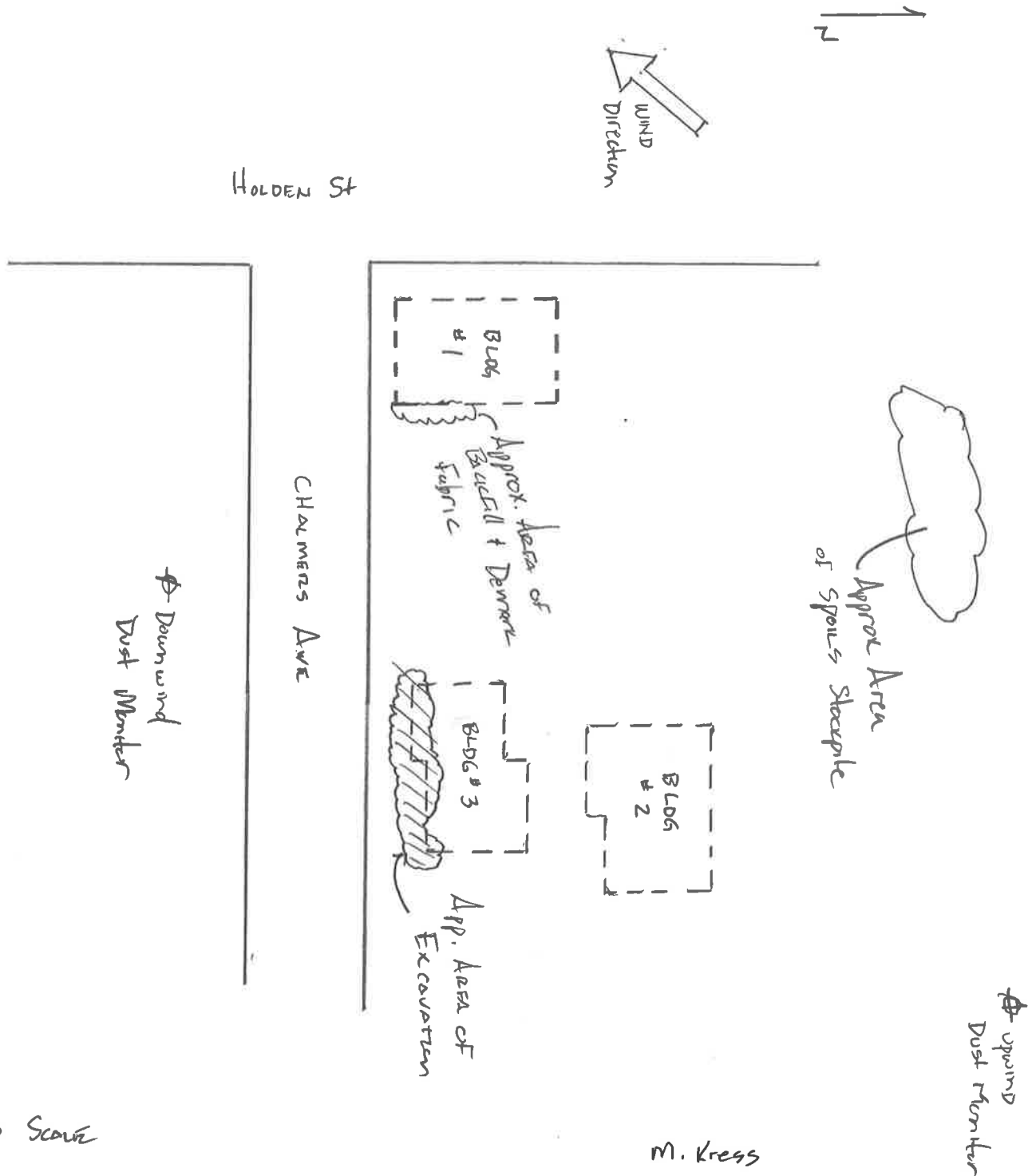
DAILY FIELD SUMMARY FORM

DATE: 11-7-2017

FILE No. 21.0056642.30

REPORT No. 17-17

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development



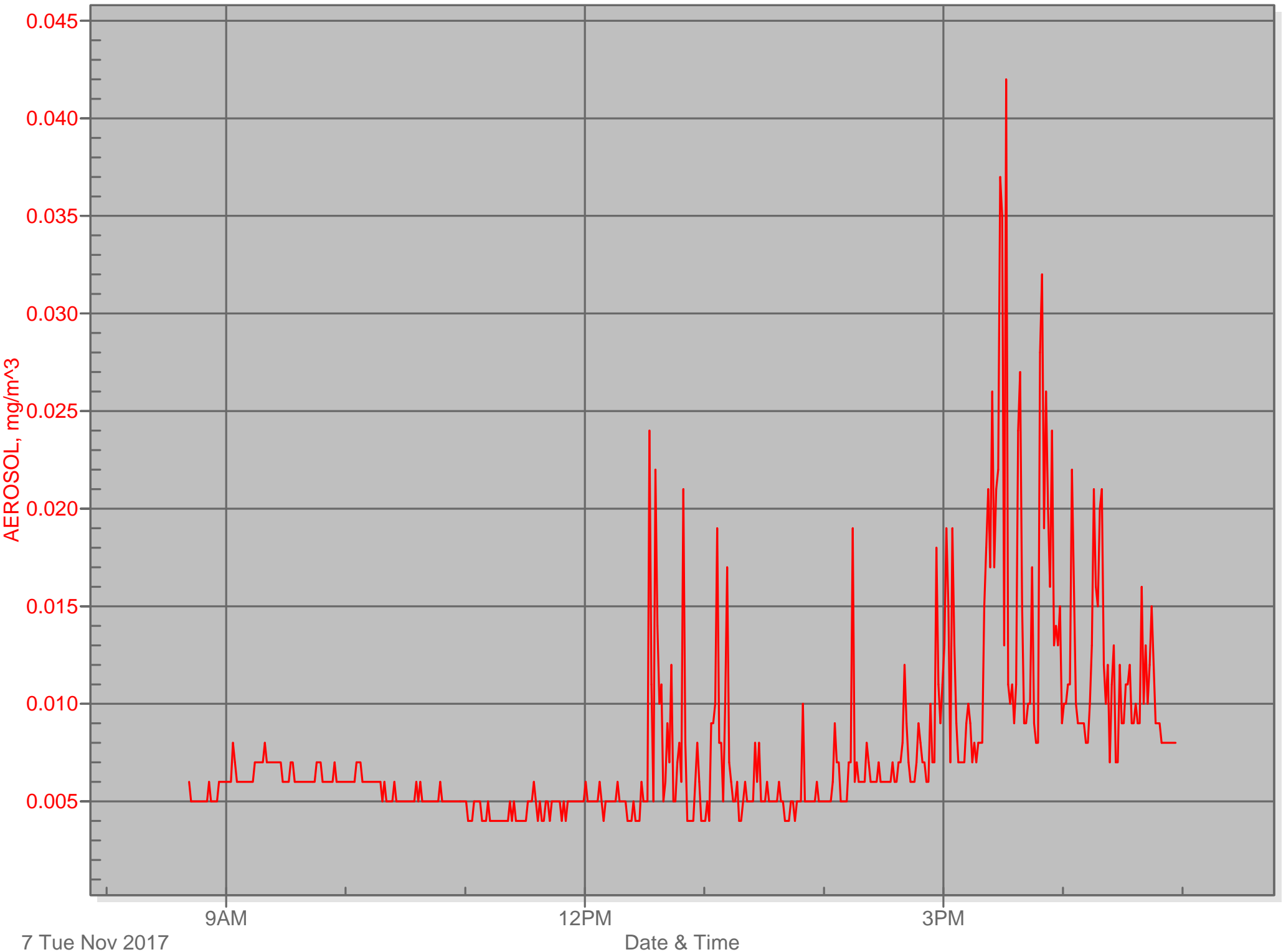
Test 016

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/07/2017
Instrument S/N	8530153315	Start Time	08:40:24
		Stop Date	11/07/2017
		Stop Time	16:56:24
		Total Time	0:08:16:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.008 mg/m ³
Max	0.042 mg/m ³
Max Date	11/07/2017
Max Time	15:31:24
Min	0.004 mg/m ³
Min Date	11/07/2017
Min Time	11:01:24
TWA (8 hr)	0.008
TWA Start Date	11/07/2017
TWA Start Time	08:40:24
TWA End Time	16:56:24

129 Holden St

11-07-2017



Test 014

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/07/2017
Instrument S/N	8530141112	Start Time	08:49:20
		Stop Date	11/07/2017
		Stop Time	17:01:20
		Total Time	0:08:12:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.009 mg/m ³
Max	0.013 mg/m ³
Max Date	11/07/2017
Max Time	15:35:20
Min	0.006 mg/m ³
Min Date	11/07/2017
Min Time	08:51:20
TWA (8 hr)	0.009
TWA Start Date	11/07/2017
TWA Start Time	08:49:20
TWA End Time	17:01:20

11-07-2017



Date & Time

DAILY FIELD SUMMARY FORM

DATE: 11-8-2017

FILE No. 21.0056642.30

REPORT No. 17-18

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

GENERAL WEATHER CONDITIONS: Partly Cloudy

Temp Range: 28 to 40 °F

Wind Speed: 5-10 mph

Wind Direction: SW to NE

Time GZA Arrived on Site: 0730

Site Conditions: WET, SATURATED

Contractors on Site: MILHERST CONSTRUCTION
BRAWDY CONSTRUCTION } 0700 start

- GZA Personnel On-Site: MIKE KRESS
- GZA's Equipment On-Site: (2) DUST TRAX
(1) MINI RAE 3000

- Max DUST READINGS:
upwind - 0.020
downwind - 0.018

Name of NYSDEC Representative(s) on Site:

Time of arrival:

Time of departure:

Issues Discussed with NYSDEC:

NO VISIBLE DUST THROUGHOUT THE DAY.

- NO ELEVATED PID READINGS DOWNWIND OF EXCAVATIONS

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- BRAWDY SETTING REBAR IN FOOTER FORMS OF BLDG #3 & FOUNDATION WALLS OF BLDG #1.
- MILHERST CONTINUING EXCAVATION OF FOOTERS FOR BLDG #3. EXCAVATION IS BELOW DEMARC FABRIC. SOILS A MIX OF FINE & COARSE SANDS AND SILT, CONCRETE, ASPHALT & BRICK DEBRIS, BROWN & GRAY SOILS NO ODORS, STAINING OR PRODUCT. PID READINGS 0.0 ppm. SPOILS PLACED IN NW CORNER OF SITE & BULLDOZER USED TO SPREAD.

Photos taken:

IMG-6315 - 6333

Time GZA left Site: 1500

Prepared by: M. KRESS

Reviewed by: J. Richert

- Milherst brought in second crew today. Backfilling inside Bldg #1. Also outside ~3' of BLDG #1 Foundation in a few areas to build up ramp for mini excavator. Placed ~15' of ORANGE DEMARC fabric on East side of Building
- BRAWDY POURED SOUTH FOOTER OF BLDG #3 AND PATIO WALLS BLDG #1

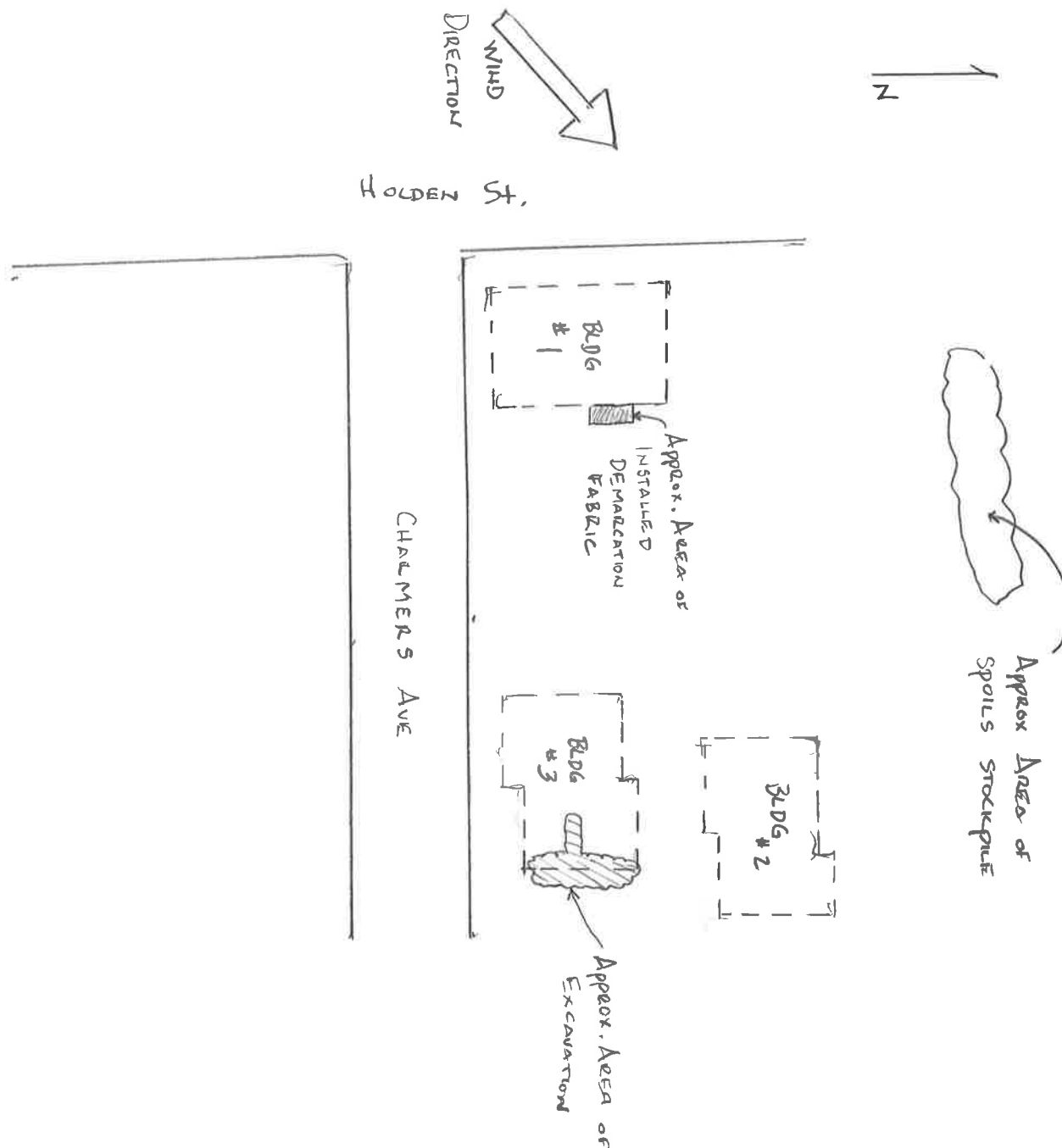
DAILY FIELD SUMMARY FORM

DATE: // - 8 2017

FILE No. 21.0056642.30

REPORT No. 17-18

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development



NOT TO SCALE

MD. KRESS

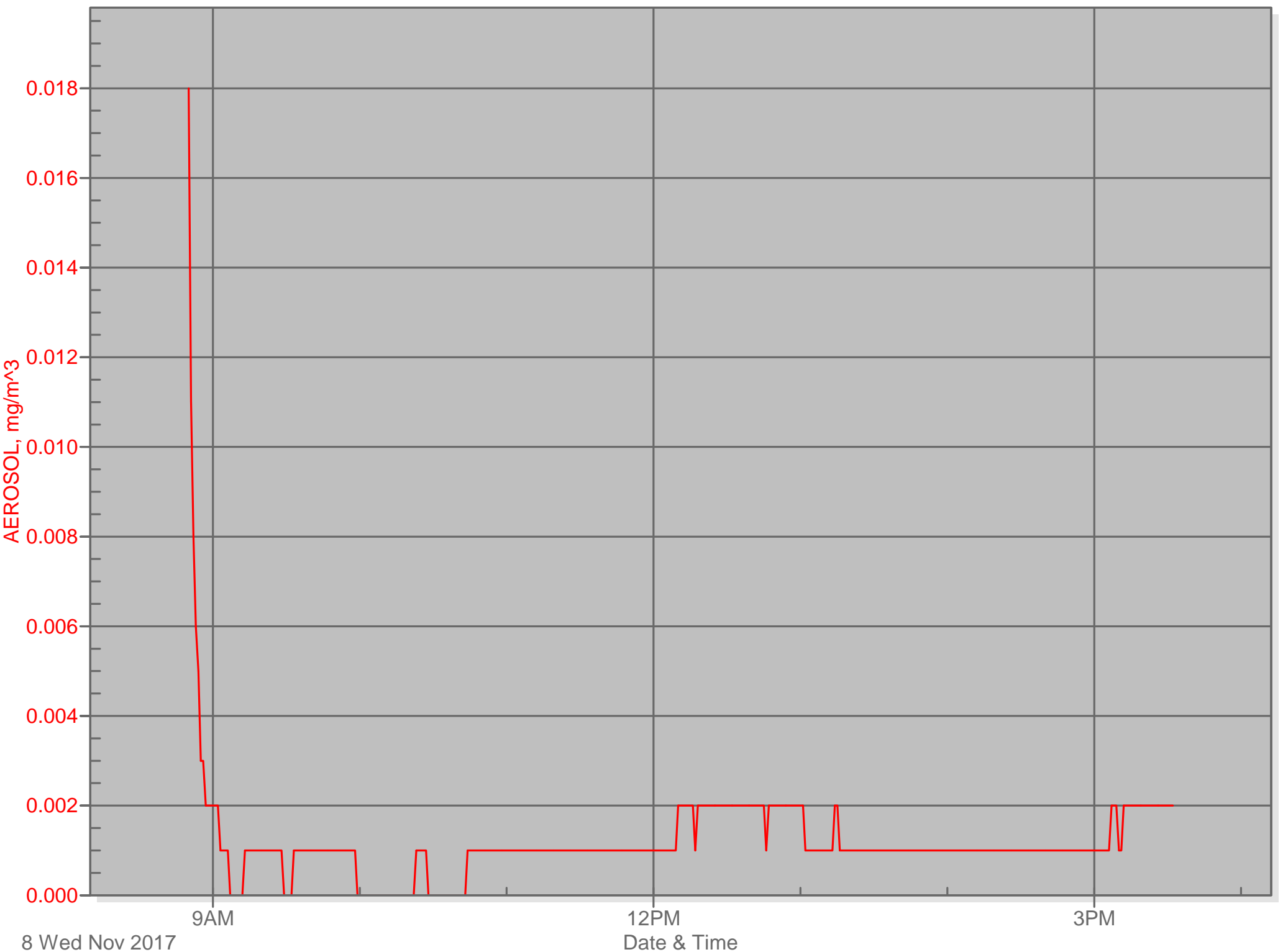
Test 017

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/08/2017
Instrument S/N	8530153315	Start Time	08:49:04
		Stop Date	11/08/2017
		Stop Time	15:32:04
		Total Time	0:06:43:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.001 mg/m ³
Max	0.018 mg/m ³
Max Date	11/08/2017
Max Time	08:50:04
Min	0.000 mg/m ³
Min Date	11/08/2017
Min Time	09:07:04
TWA (8 hr)	0.001
TWA Start Date	11/08/2017
TWA Start Time	08:49:04
TWA End Time	15:32:04

129 Holden St

11-08-2017



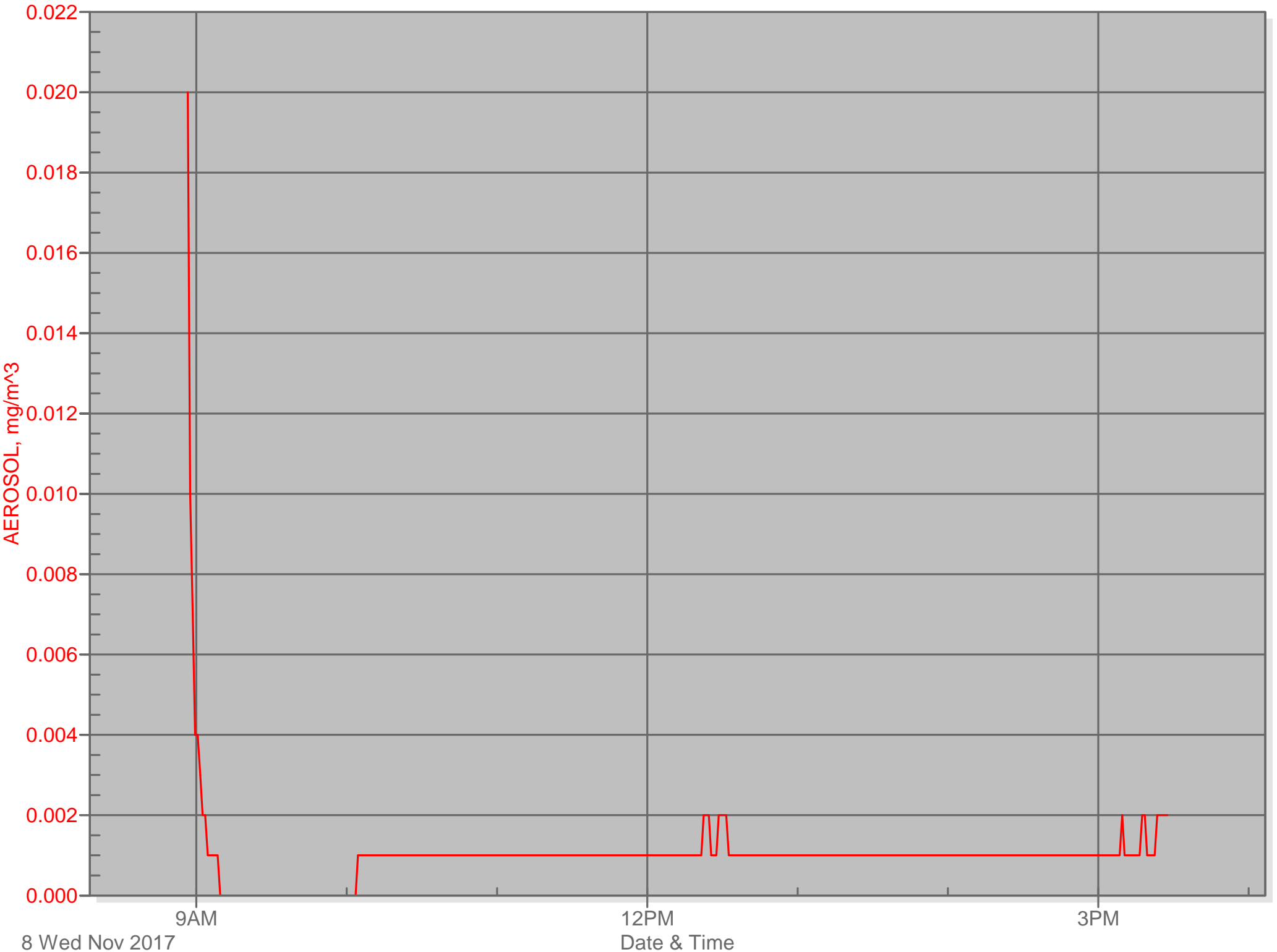
Test 015

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/08/2017
Instrument S/N	8530141112	Start Time	08:55:32
		Stop Date	11/08/2017
		Stop Time	15:27:32
		Total Time	0:06:32:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.001 mg/m ³
Max	0.020 mg/m ³
Max Date	11/08/2017
Max Time	08:56:32
Min	0.000 mg/m ³
Min Date	11/08/2017
Min Time	09:09:32
TWA (8 hr)	0.001
TWA Start Date	11/08/2017
TWA Start Time	08:55:32
TWA End Time	15:27:32

129 Holden St

11-08-2017



DAILY FIELD SUMMARY FORM

DATE: 11-9-2017

FILE No. 21.0056642.30

REPORT No. 17-19

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

GENERAL WEATHER CONDITIONS: Cloudy AM & PM

Temp Range: 36 to 48 °F

Wind Speed: 5-15 mph

Wind Direction: SW to NE
20+ mph in PM

Time GZA Arrived on Site: 0730

Site Conditions: Moist

Contractors on Site: Milherst Const.
Brawdy Const. } 0700 Arrival

• GZA Personnel On-Site:

- GZA's Equipment On-Site: M. Kress
(2) Dust Trax II
(1) Mini RAE 3000 (PID)

• Max Dust Readings:

upwind - 0.019

Downwind - 0.032

No Visible Dust Observed

Name of NYSDEC Representative(s) on Site:

Time of arrival:

Time of departure:

Issues Discussed with NYSDEC:

No Elevated PID Readings
Downwind of Excavations

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Brawdy Stripping Forms of Bldg 3 South wall Footer & Bldg 1 porch Foundation Walls
- Milherst Backfilling Interior Bldg 1 with crushed stone.
- Milherst resuming excavation of footers Bldg 3 NE corner & North side. Soils Below Demarc Fabric a mix of fine & coarse grained sand & silts with concrete Asphalt & brick debris, cobbles & boulders. No odors, steams or product observed. Down wind PID Readings 0.0 ppm. Spoils placed in NW corner of Site & spread w/ Bulldozer. Also dug portion of west wall starting at SW corner and portions of interior footers.
- 1330 Pump truck & concrete on-site, Brawdy pouring footer of Bldg 3.

Photos taken:

IMG-6339-6351

Time GZA left Site: 1600

Prepared by: M. Kress

Reviewed by: J. Richert

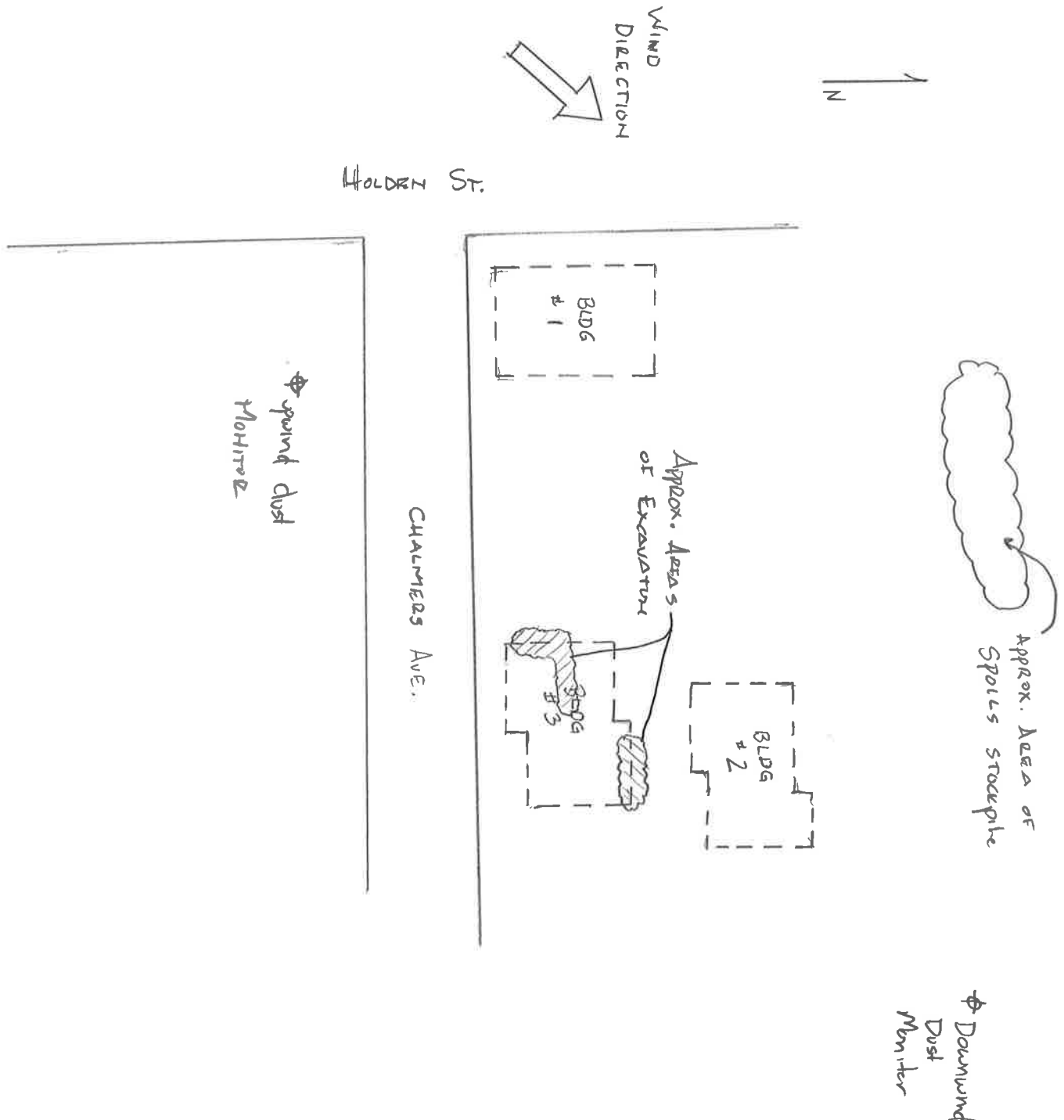
DAILY FIELD SUMMARY FORM

DATE: 11-9-2017

FILE No. 21.0056642.30

REPORT No. 17-19

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development



Not to Scale

MD KRESS

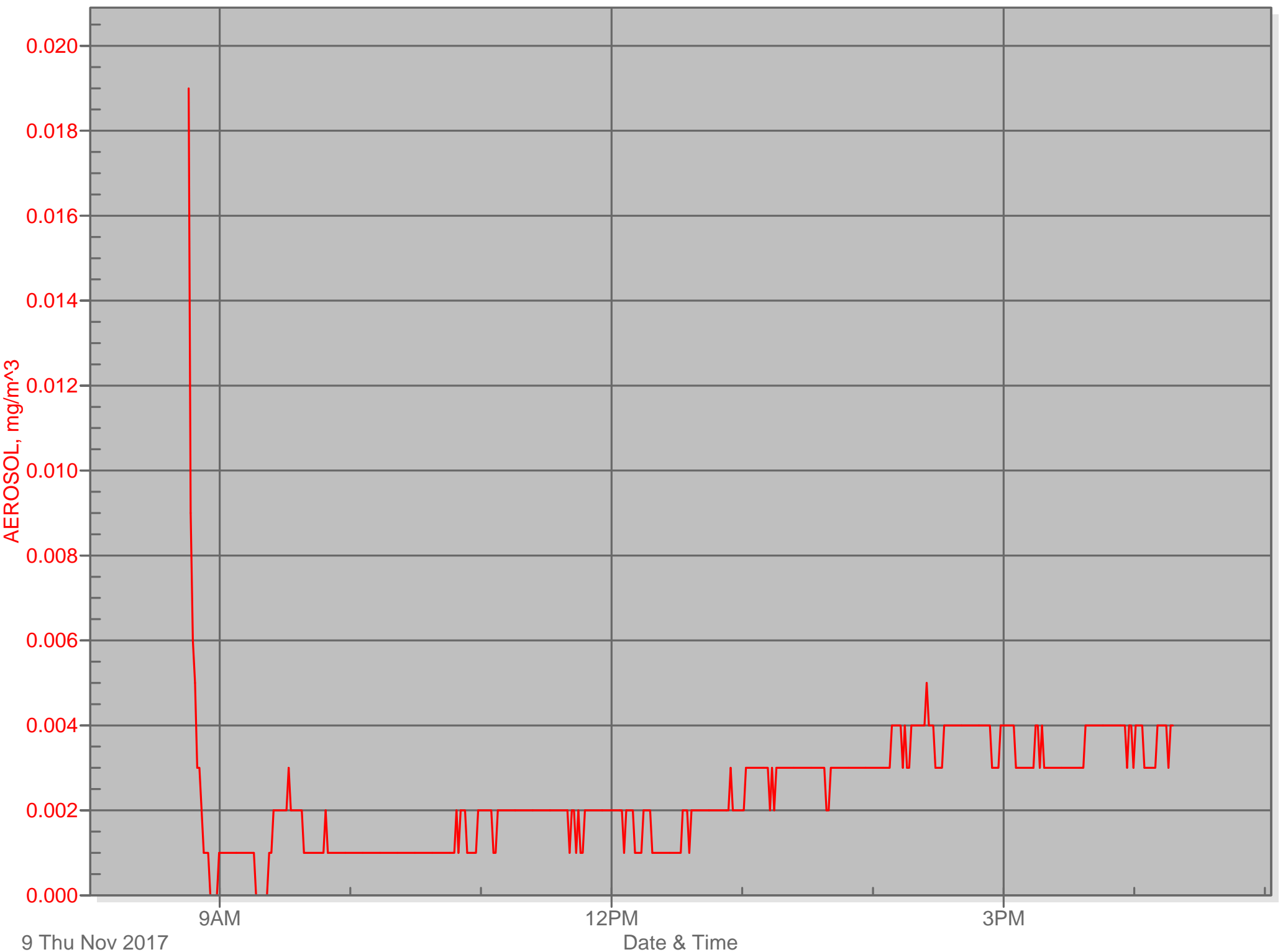
Test 018

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/09/2017
Instrument S/N	8530153315	Start Time	08:44:42
		Stop Date	11/09/2017
		Stop Time	16:17:42
		Total Time	0:07:33:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.002 mg/m ³
Max	0.019 mg/m ³
Max Date	11/09/2017
Max Time	08:45:42
Min	0.000 mg/m ³
Min Date	11/09/2017
Min Time	08:55:42
TWA (8 hr)	0.002
TWA Start Date	11/09/2017
TWA Start Time	08:44:42
TWA End Time	16:17:42

129 Holden St

11-09-2017



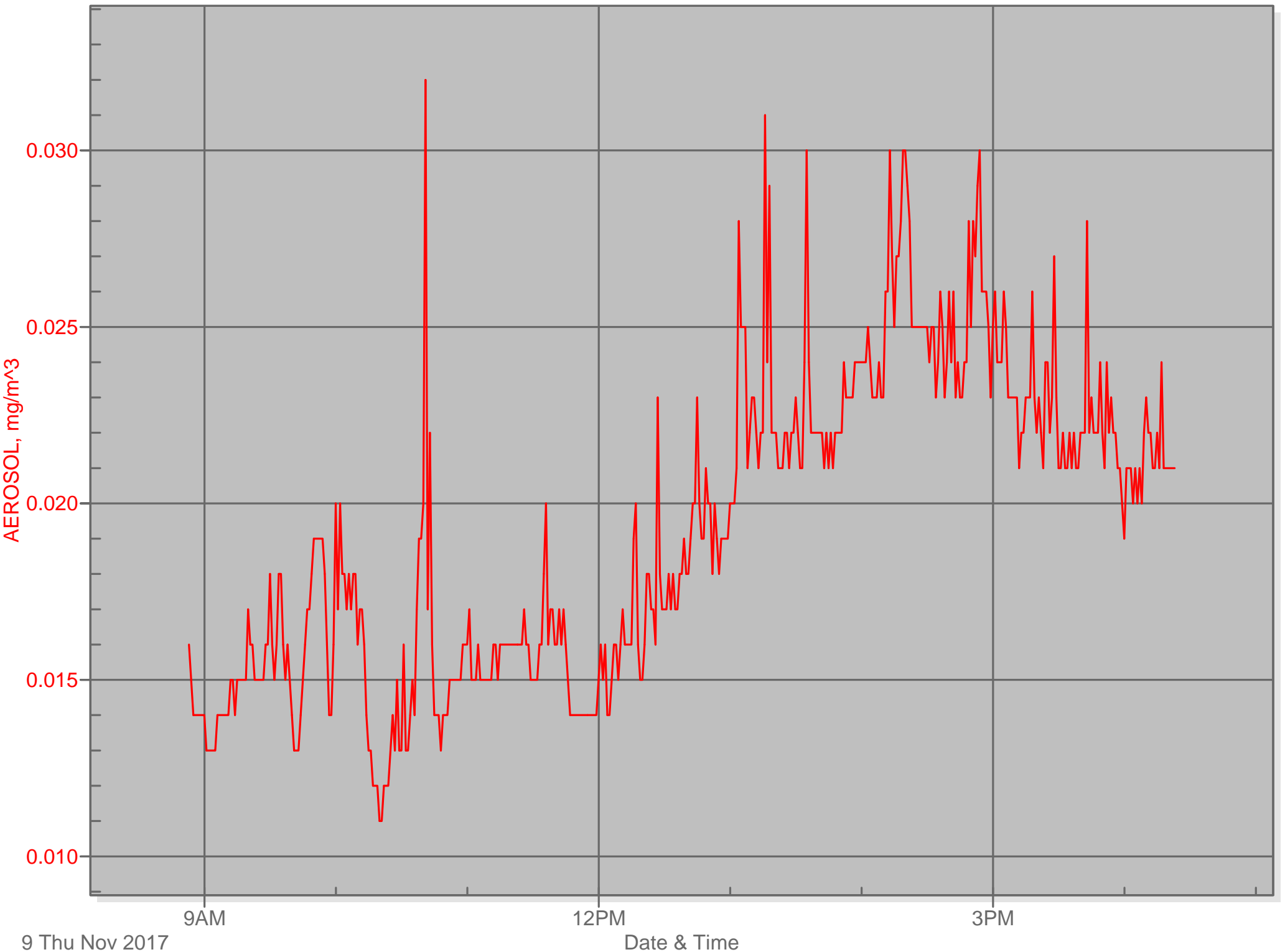
Test 016

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/09/2017
Instrument S/N	8530141112	Start Time	08:51:50
		Stop Date	11/09/2017
		Stop Time	16:22:50
		Total Time	0:07:31:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.019 mg/m ³
Max	0.032 mg/m ³
Max Date	11/09/2017
Max Time	10:40:50
Min	0.011 mg/m ³
Min Date	11/09/2017
Min Time	10:19:50
TWA (8 hr)	0.018
TWA Start Date	11/09/2017
TWA Start Time	08:51:50
TWA End Time	16:22:50

129 Holden St

11-09-2017



DAILY FIELD SUMMARY FORM

DATE: 11-10-2017

FILE No. 21.0056642.30

REPORT No. 17-20

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

GENERAL WEATHER CONDITIONS: Partly Cloudy

Temp Range: 20 to 27 °F

Wind Speed: 10-20 mph

Wind Direction: NW to SE

Time GZA Arrived on Site: 0730

Site Conditions: Moist, Frozen Surface

Contractors on Site: MILHERST CONSTRUCTION
BRAWDY CONSTRUCTION } 0700 ARRIVAL

• GZA Personnel On-Site:

MICHAEL KRESS

• GZA's Equipment On-Site:

(2) DUST TRAX II

(1) MINI RAE 3000 (PID)

• MAX DUST READINGS:

Downwind 0.027

upwind -0.007

No visible dust

Name of NYSDEC Representative(s) on Site:

Time of arrival:

Time of departure:

Issues Discussed with NYSDEC:

• NO ELEVATED PID READINGS

Down wind of excavations.

SUMMARY OF WORK OBSERVED: (See attached field sketch)

• BRAWDY STRIPPING FOOTER FORMS & SETTING FOUNDATION WALL FORMS & REBAR @ BLDG #3

• MILHERST EXCAVATING FOR FOOTERS AT WEST, NORTH & INTERIOR FOOTINGS OF BLDG #3.
SOILS below demarc fabric a mix of coarse & fine GRADE SANDS & SILTS with concrete, asphalt & brick debris, brown, gray & black soils, no odors, staining or product observed. Soils transported to NW corner of Site & leveled with Bulldozer. PID readings 0.0 ppm. SEE sketch for locations

Photos taken:

IMG-6352-6377

• MILHERST 2nd crew backfilling with crushed stone on interior OF BLDG #1. ~1400 hrs. placed orange demarcation fabric upon site soils prior to placing suitable sandy site soils. SEE sketch for locations.

Time GZA left Site: 1530

Prepared by: M. Kress

Reviewed by: J. Richert

GZA GeoEnvironmental of New York

• MILHERST EXCAVATED ~10' below ground surface AT Future storm water pipe location, North of BLDG #1, TO EXPOSE EXISTING concrete foundation. Milherst used a hoe ram to break concrete for future storm pipe. Soils were brown & gray cohesive & wet. No odors, staining or product. PID readings 0.0 ppm

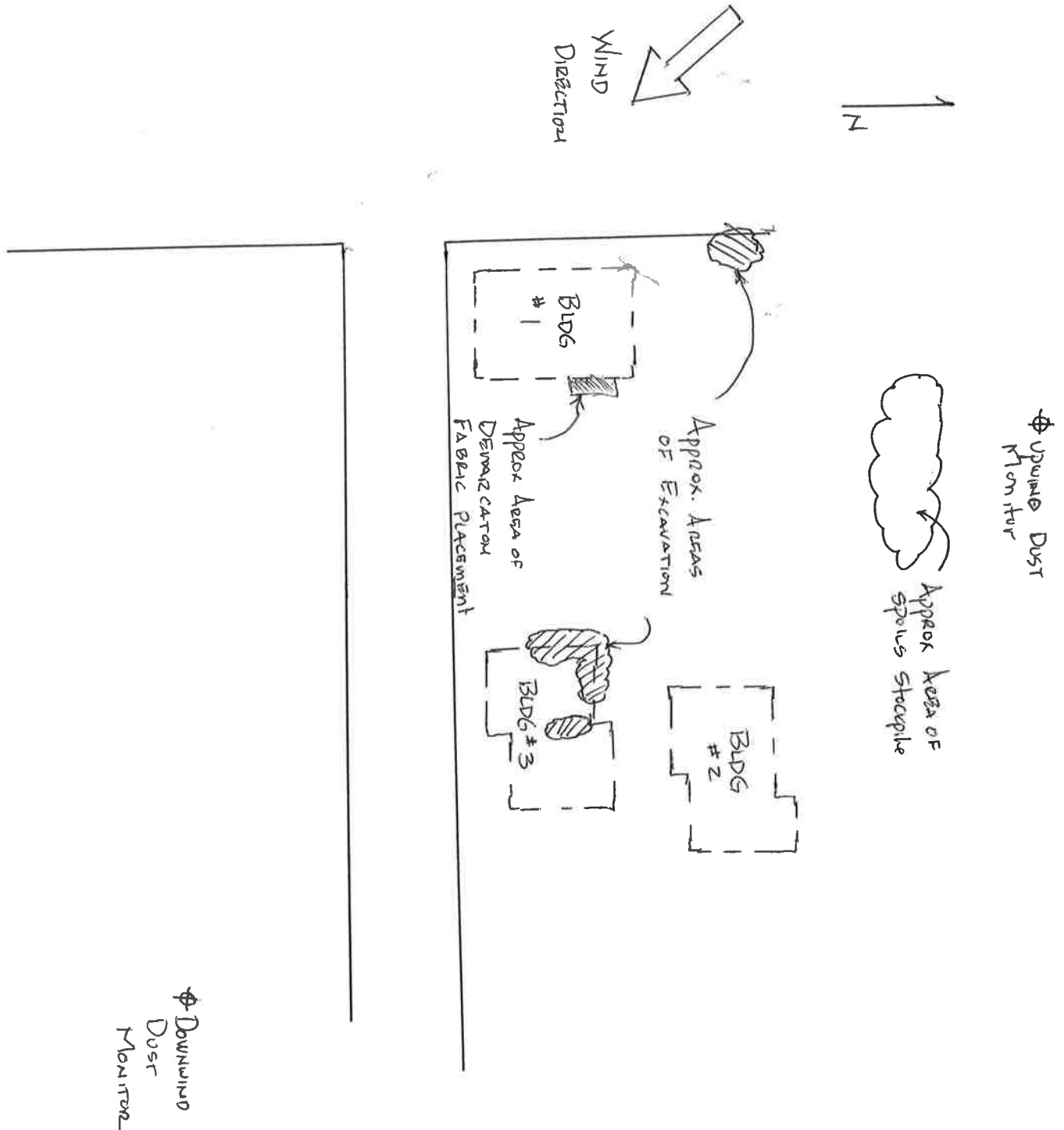
DAILY FIELD SUMMARY FORM

DATE: 11-10-2017

FILE No. 21.0056642.30

REPORT No. 17-20

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development



NOT TO SCALE

MD. KRESS

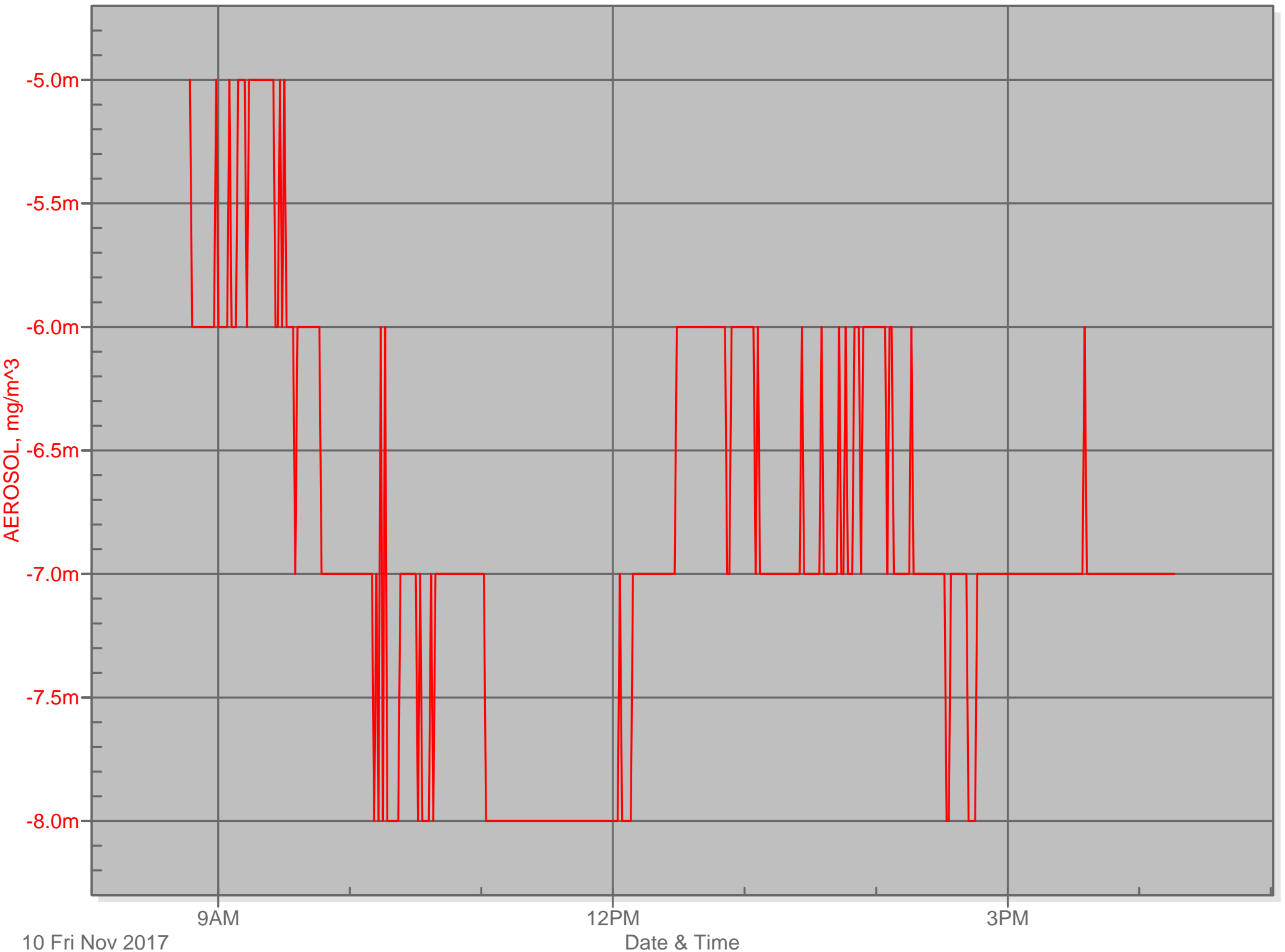
Test 019

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/10/2017
Instrument S/N	8530153315	Start Time	08:46:08
		Stop Date	11/10/2017
		Stop Time	16:16:08
		Total Time	0:07:30:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	-0.007 mg/m ³
Max	-0.005 mg/m ³
Max Date	11/10/2017
Max Time	08:47:08
Min	-0.008 mg/m ³
Min Date	11/10/2017
Min Time	10:11:08
TWA (8 hr)	-0.006
TWA Start Date	11/10/2017
TWA Start Time	08:46:08
TWA End Time	16:16:08

129 Holden St

11-10-2017



Test 017**ERROR: FLOW,**

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/10/2017
Instrument S/N	8530141112	Start Time	08:41:17
		Stop Date	11/10/2017
		Stop Time	09:09:17
		Total Time	0:00:28:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.007 mg/m ³
Max	0.027 mg/m ³
Max Date	11/10/2017
Max Time	09:02:17
Min	0.002 mg/m ³
Min Date	11/10/2017
Min Time	08:43:17
TWA (8 hr)	0.000
TWA Start Date	11/10/2017
TWA Start Time	08:41:17
TWA End Time	09:09:17

DAILY FIELD SUMMARY FORM

DATE: 11-13-2017

FILE No. 21.0056642.30

REPORT No. 17-21

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

GENERAL WEATHER CONDITIONS: Cloudy

Temp Range 35 to 45 °F

Wind Speed: 5 - 10 mph

Wind Direction: NW to SE

Time GZA Arrived on Site: 0720

Site Conditions: WET, SATURATED, STANDING WATER

Contractors on Site: MILHERST Construction } 0700 Start
Brawdy Construction }

• GZA Personnel On-Site: MIKE KRESS

• GZA's Equipment On-Site: (2) Dust Trax II
(1) Mini RAE 3000 (PID)

• MAX DUST READINGS

upwind:

Downwind:

NO VISIBLE DUST OBSERVED

Name of NYSDEC Representative(s) on Site:

Time of arrival:

Time of departure:

Issues Discussed with NYSDEC:

• NO ELEVATED PID READINGS

Downwind of EXCAVATIONS

SUMMARY OF WORK OBSERVED: (See attached field sketch)

• MILHERST PLACED ORANGE DEMARCATION FABRIC ON SUBGRADE SOILS ALONG THE MIDDLE PORTION OF THE OUTSIDE OF THE EAST FOUNDATION WALL AND ALONG THE ENTIRE WESTERN SIDE OF BLDG #1 PRIOR TO BACKFILLING WITH SUITABLE CLEAN SAND SOILS FROM CENTRAL STOCKPILE. SEE ATTACHED SKETCH FOR LOCATIONS.

• MILHERST EXCAVATED THE REMAINING PORTIONS OF BLDG 3 FOOTERS, NORTH SIDE. SOILS BELOW DEMARK FABRIC A MIX OF FINE & COARSE GRAINED SOILS, ASPHALT, BRICK & CONCRETE DEBRIS. NO ODORS, STAINING OR PRODUCT OBSERVED. NO ELEVATED PID READINGS DOWNWIND OF EXCAVATIONS.

Photos taken:

IMG-6379-6397

Time GZA left Site: _____

Prepared by: M. Kress

Reviewed by: J. Richert

GZA GeoEnvironmental of New York

MILHERST ALSO EXCAVATED FOR STORMWATER DRAINAGE MANHOLE

NE OF BUILDING #1. EXCAVATION TO ~8' bgs. SIMILAR

FILL SOILS OBSERVED, NO ODORS, STAINING OR PRODUCT.

NOTE OPERATION HALTED DUE TO QUESTION OF INVERT TIE-IN AT HOLDEN ST. EXCAVATION LEFT OPEN.

• Brawdy set Forms & Rebar For Footers of Bldg #3. Concrete/Pump truck Arrived 1330.

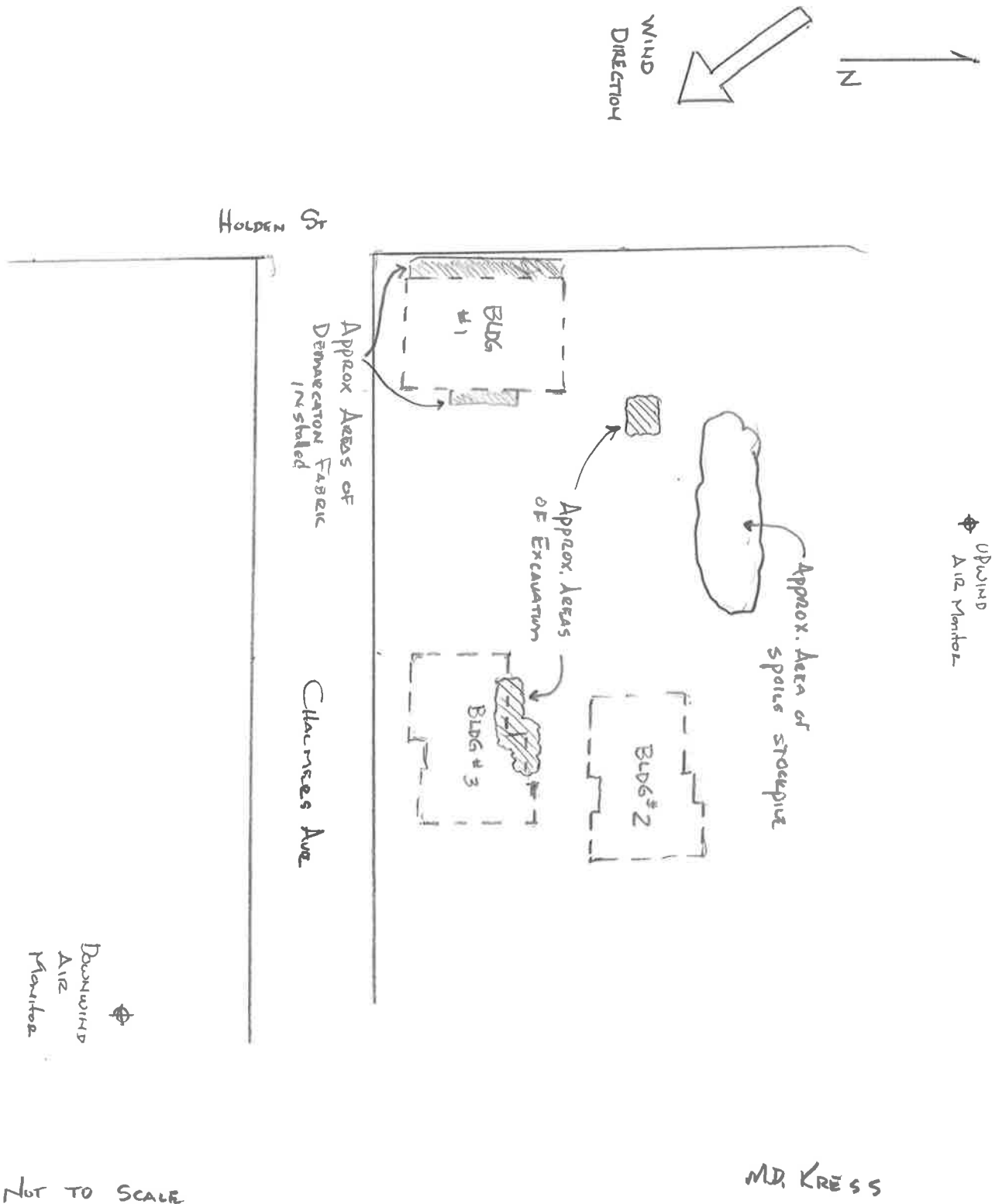
DAILY FIELD SUMMARY FORM

DATE: 11-13-2017

FILE No. 21.0056642.30

REPORT No. 17-21

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development



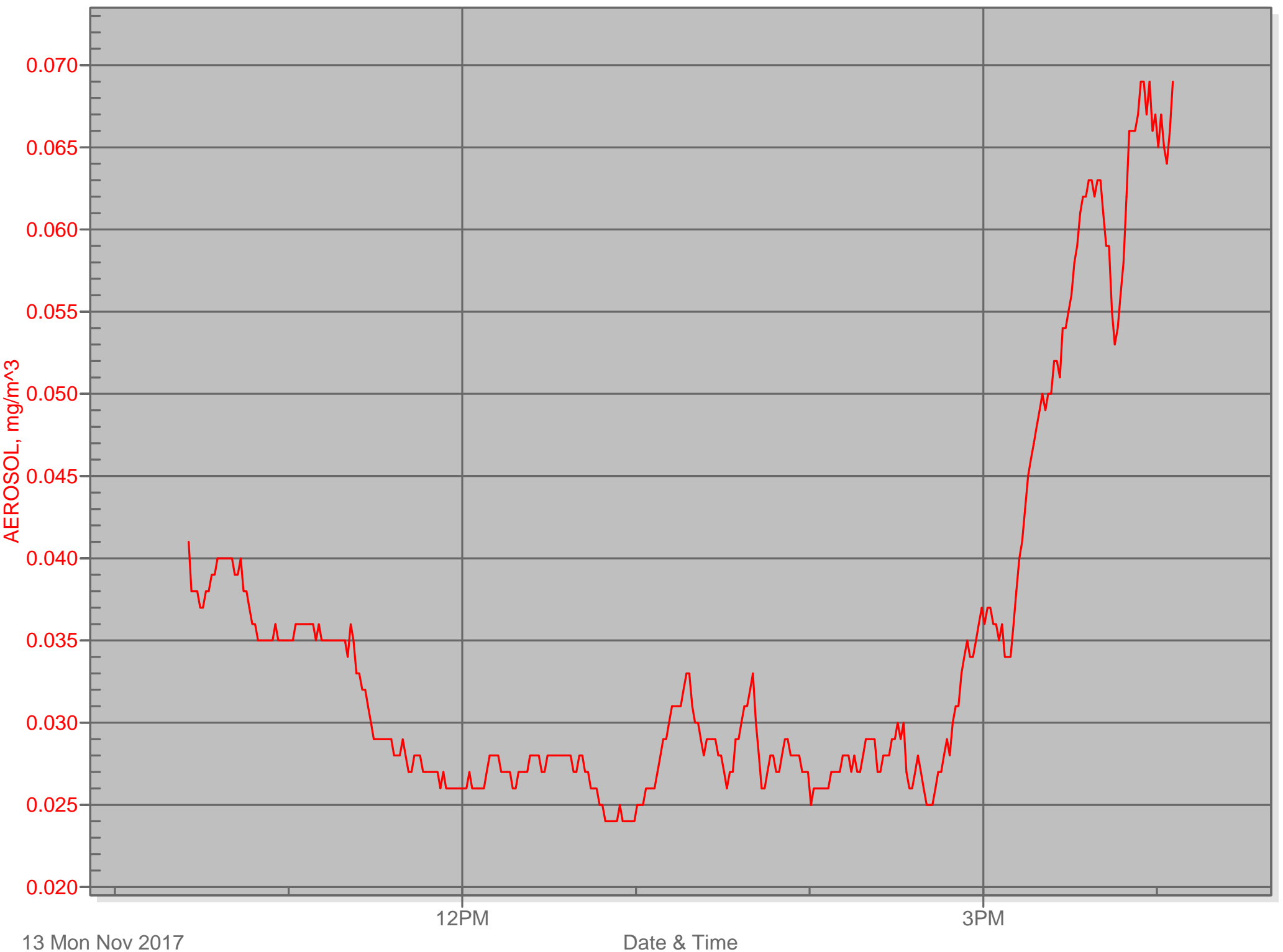
Test 020

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/13/2017
Instrument S/N	8530153315	Start Time	10:24:26
		Stop Date	11/13/2017
		Stop Time	16:05:26
		Total Time	0:05:41:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.034 mg/m ³
Max	0.069 mg/m ³
Max Date	11/13/2017
Max Time	15:54:26
Min	0.024 mg/m ³
Min Date	11/13/2017
Min Time	12:49:26
TWA (8 hr)	0.024
TWA Start Date	11/13/2017
TWA Start Time	10:24:26
TWA End Time	16:05:26

129 Holden St

11-13-2017



Test 018**ERROR: FLOW,**

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/13/2017
Instrument S/N	8530141112	Start Time	10:18:52
		Stop Date	11/13/2017
		Stop Time	10:31:52
		Total Time	0:00:13:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.033 mg/m ³
Max	0.047 mg/m ³
Max Date	11/13/2017
Max Time	10:23:52
Min	0.013 mg/m ³
Min Date	11/13/2017
Min Time	10:29:52
TWA (8 hr)	N/A
TWA Start Date	11/13/2017
TWA Start Time	10:18:52
TWA End Time	10:31:52

DAILY FIELD SUMMARY FORM

DATE: 11-14-2017

FILE NO. 21.0056642.30

REPORT No. 17-22

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

GENERAL WEATHER CONDITIONS: Cloudy

Temp Range: 40 to 45 °F

Wind Speed: 0-5 mph

Wind Direction: W to E

Time GZA Arrived on Site: 0730

Site Conditions: WET, SATURATED

Contractors on Site: Milherst Construction } 0700 Start
Brawdy Construction

• GZA Personnel On-Site:

Mike Kress

• GZA's Equipment On-Site:

(2) Dust Trax 2

(1) Mini RAE 3000 (PID)

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

NOTE: Dust Monitors Not Set
out. Site SATURATED
GZA off-site 0930

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- MILHERST REMOVED SOFT, SATURATED SOILS FROM CONSTRUCTION EQUIPMENT TRAVEL LANE BETWEEN Bldg #2 & Bldg #3. Wet soils placed in suitable cover soil stockpile & graded with Bulldozer. NOTE ALL SOILS REMOVED WERE ABOVE DEMARCATION LAYER. Milherst Then placed RECYCLED CONCRETE TO STABILIZE THE TRAVEL LANE AREA.
- Brawdy SET FORMS & REBAR FOR FOUNDATION WALLS Bldg #3. Concrete scheduled for 1300.

(NO site sketch)

Photos taken:

Time GZA left Site: 0930

Prepared by: M. Kress

Reviewed by: J. Richert

DAILY FIELD SUMMARY FORM

DATE: 11-15-2017

FILE No. 21.0056642.30

REPORT No. 17-23

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

GENERAL WEATHER CONDITIONS: SUNNY

Temp Range: 32 to 40 °F

Wind Speed: 5-10 mph

Wind Direction: SSW - NNE *off*

Time GZA Arrived on Site: 0720

Site Conditions: Moist

Contractors on Site: MILHERST Construction
BRAWDY Construction

• GZA Personnel On-Site:

MIKE KRESS

• GZA's Equipment On-Site:

(2) DUST TRAX II

(1) Mini. RAE 3000 (PID)

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

• Max Dust Readings

Upwind → 0.036

downwind → 0.060

No Visible Dust

• No Elevated PID readings downwind
of Excavation

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- MILHERST USING GRINDING WHEEL ON SKID STEER TO CUT ASPHALT IN HOLDEN ST AT STORMWATER TIE-IN LOCATION
 - BRAWDY STRIPPING FORMS OF FOUNDATION WALLS BLDG #3 AND SETTING FORMS & REBAR FOR REMAINING FOUNDATION WALLS (NW + North side) Bldg #3.
 - MILHERST REMOVED ASPHALT (~11"), ROADBASE STONE & FILL SOILS AROUND 24" CITY STORM PIPE (CLAY PIPE). Set trench Box, hand excavated around & under pipe. Soils primarily clayey brown cohesive with asphalt chunks & cobbles. No staining, odor or product. PID 0.0 Set doghouse manhole over pipe. Continued to excavate east for new 12" storm pipe (PVC). Excavated around & under pipe crossings. Laid bedding stone & 2 sections of pipe which reached East edge of sidewalk. Excavated East ~15' (onto site). Similar clayey soils below Demarc. Placed demarc in bottom of trench & up sides, bedding stone and 1 more section of pipe. Concrete arrived 1420. Set 2 steel plates over excavation in roadway & backfilled with crushed stone in sidewalk area.
- Photos taken: IMG-6405-6434
Time GZA left Site: 1600

Prepared by: M. Kress

Reviewed by: J. Richert

- MILHERST DUG FOUR (4) pier Foundation locations (2'x2' piers) on the SE & North sides of Bldg 3. Soils a mix of Fine & Coarse grained with brick Asphalt, concrete & cobbles. No elevated PID readings

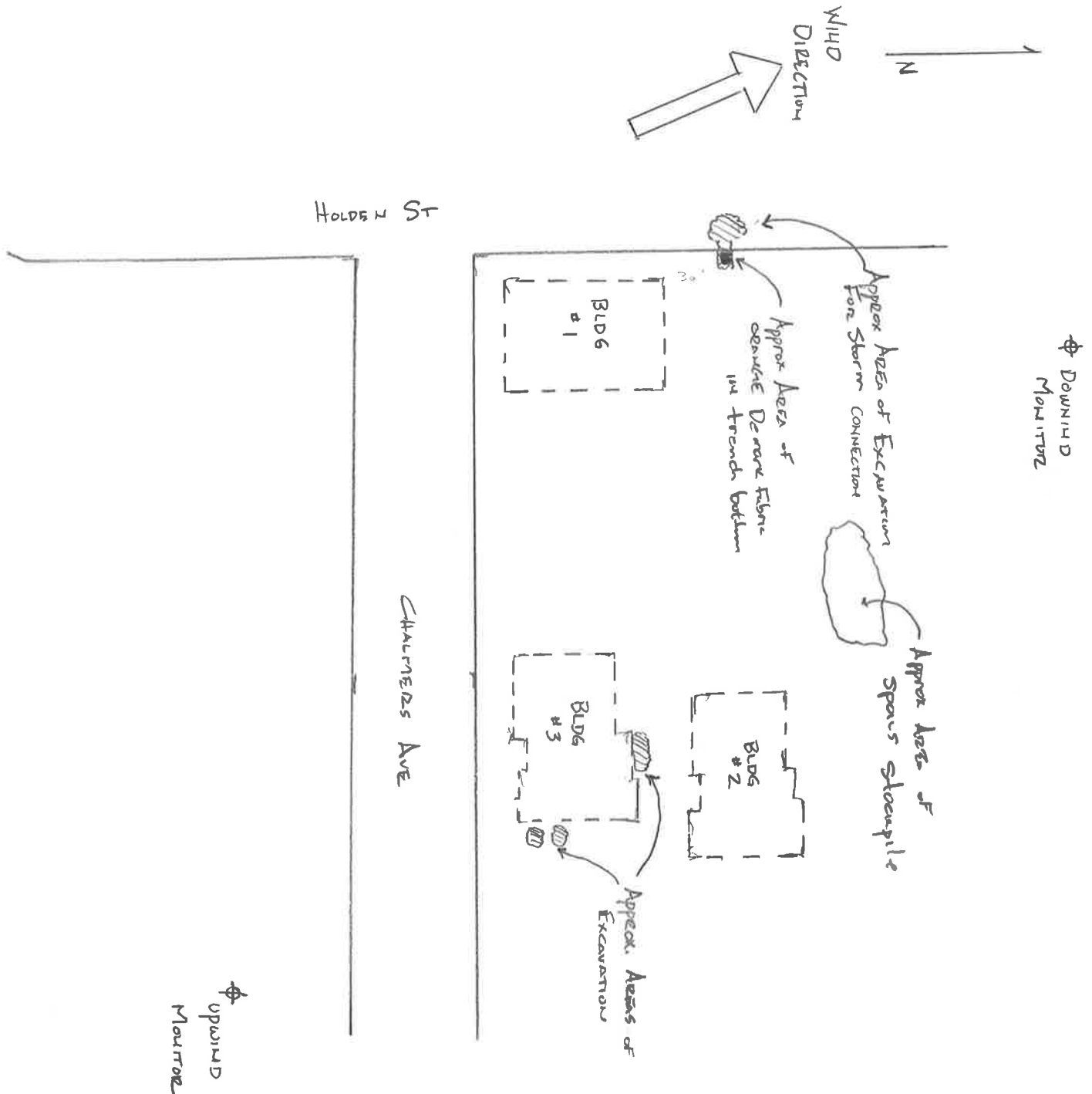
DAILY FIELD SUMMARY FORM

DATE: 11-15-2017

FILE No. 21.0056642.30

REPORT No. 17-23

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development



NOT TO SCALE

M.D. KRESS

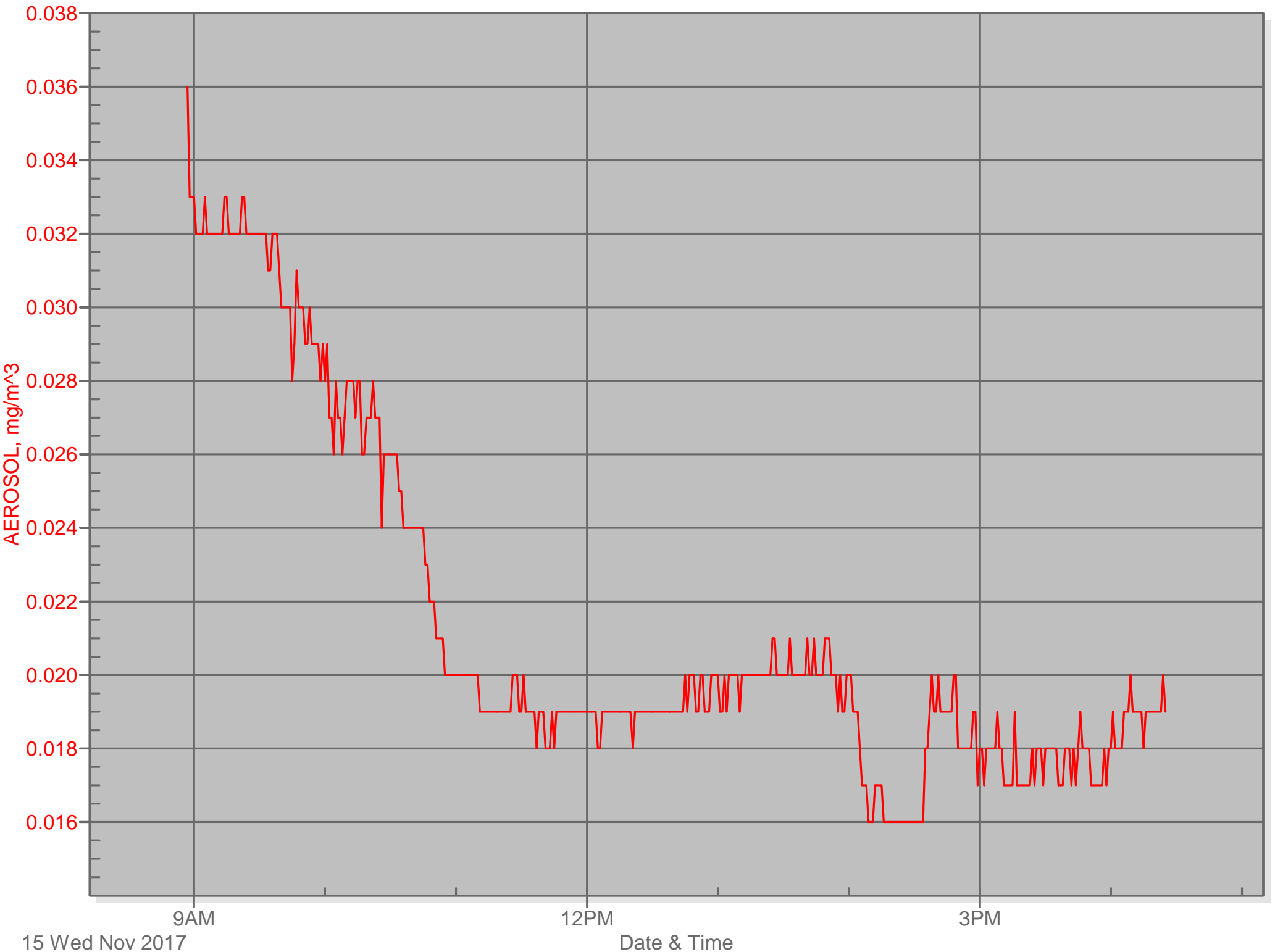
Test 021

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/15/2017
Instrument S/N	8530153315	Start Time	08:55:56
		Stop Date	11/15/2017
		Stop Time	16:24:56
		Total Time	0:07:29:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.021 mg/m ³
Max	0.036 mg/m ³
Max Date	11/15/2017
Max Time	08:56:56
Min	0.016 mg/m ³
Min Date	11/15/2017
Min Time	14:08:56
TWA (8 hr)	0.020
TWA Start Date	11/15/2017
TWA Start Time	08:55:56
TWA End Time	16:24:56

129 Holden St

11-15-2017

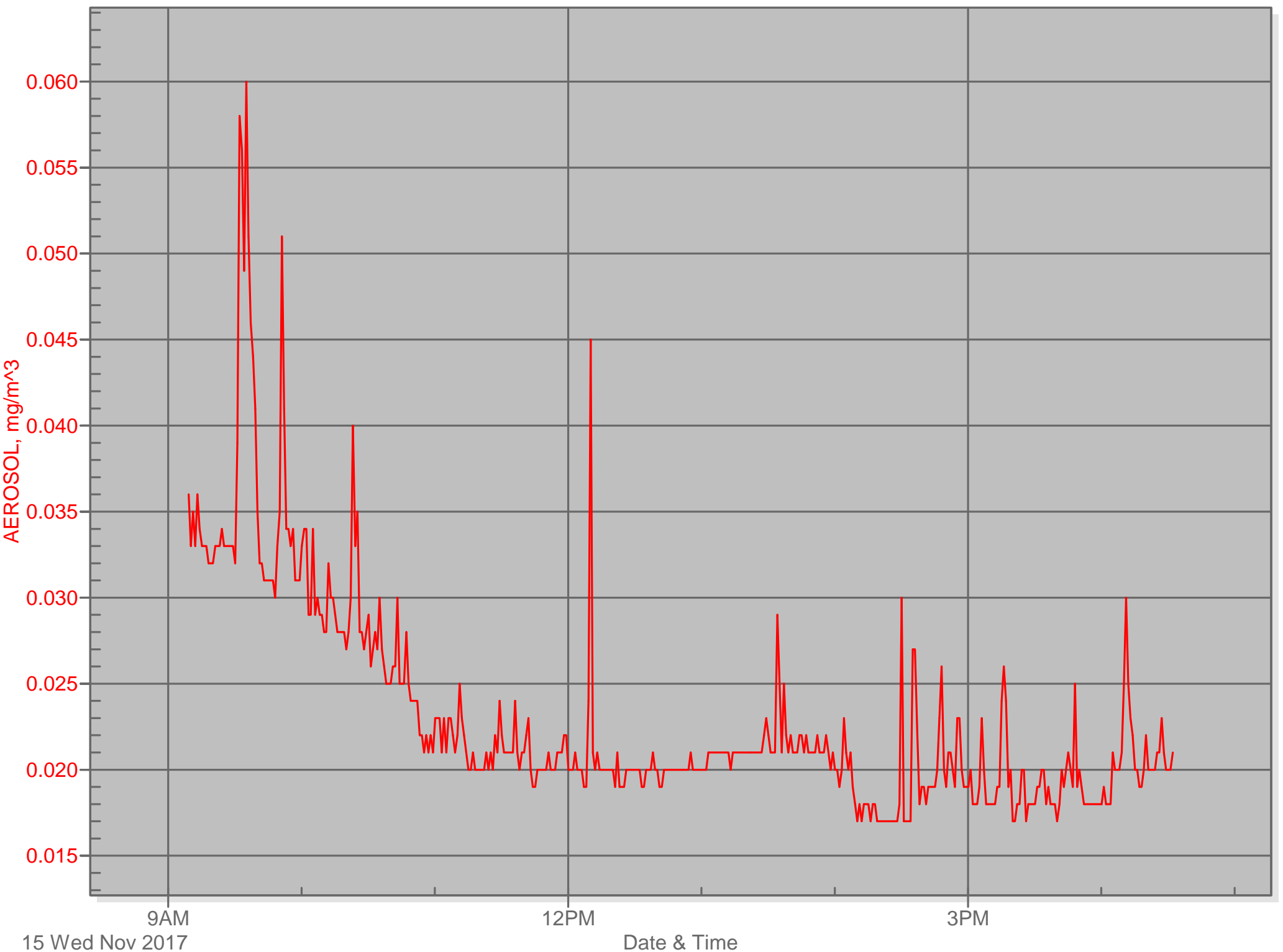


Test 019

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/15/2017
Instrument S/N	8530141112	Start Time	09:08:08
		Stop Date	11/15/2017
		Stop Time	16:32:08
		Total Time	0:07:24:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.023 mg/m ³
Max	0.060 mg/m ³
Max Date	11/15/2017
Max Time	09:35:08
Min	0.017 mg/m ³
Min Date	11/15/2017
Min Time	14:10:08
TWA (8 hr)	0.021
TWA Start Date	11/15/2017
TWA Start Time	09:08:08
TWA End Time	16:32:08

129 Holden st
11-15-2017



DAILY FIELD SUMMARY FORM

DATE: 11-16- 2017

FILE No. 21.0056642.30

REPORT No. 17-24

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

GENERAL WEATHER CONDITIONS: Mostly Cloudy, Windy

Temp Range: 40 to 45 °F

Wind Speed: 15 to 20 mph

Wind Direction: WSW to ENE

Time GZA Arrived on Site: 0730

Site Conditions: Wet, SATURATED

Contractors on Site: Milherst Construction }
Braway Construction } 0700 start

- GZA Personnel On-Site:
Mike Kress
- GZA's Equipment On-Site:
(2) Dust Trax II
(1) Mini. Rac 3000 (PID)

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

Max Dust Readings:

Upwind → 0.014

Downwind → 0.019

No Visible Dust, Site saturated

Rain at 1300, took down monitors

* No elevated PID readings downwind
of Excavations

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Milherst excavating for 2'x2' pier foundations (2) on South side of Bldg 3. Soils below demarc layer a mix of fine and coarse with concrete, Asphalt & brick debris, cobbles. No staining, odors or Product observed. PID readings 0.0 ppm. Excavation soils used as backfill along outside of Bldg #3 East Side. Backfill was placed to ~2.5' below Finished grade. Milherst then placed orange demarcation fabric then suitable clean soils to ~6" below Finished grade.
- Braway setting Forms & Rebar for Bldg #3 Foundation walls (NW & North sides) and individual 2'x2' pier Foundations. Concrete at 1130.
- Milherst continued excavation for 12" PVC Storm line from near Holden St. to First Manhole. Soils below demarc fabric and previously placed #3 stone (Construction Entrance) were primarily cohesive brown clays with some concrete & asphalt debris and cobbles. Upon reaching the previously partially dug manhole excavation they encountered bedrock below the clayey soils. A hoe ram was used to break 2' of Rock. Demarc fabric installed along pipe trench & under manhole, then pipe bedding & granular backfill.

Photos taken:

IMG-6436 - 6459

Time GZA left Site: 1415

Prepared by: M. Kress

Reviewed by: J. Richest

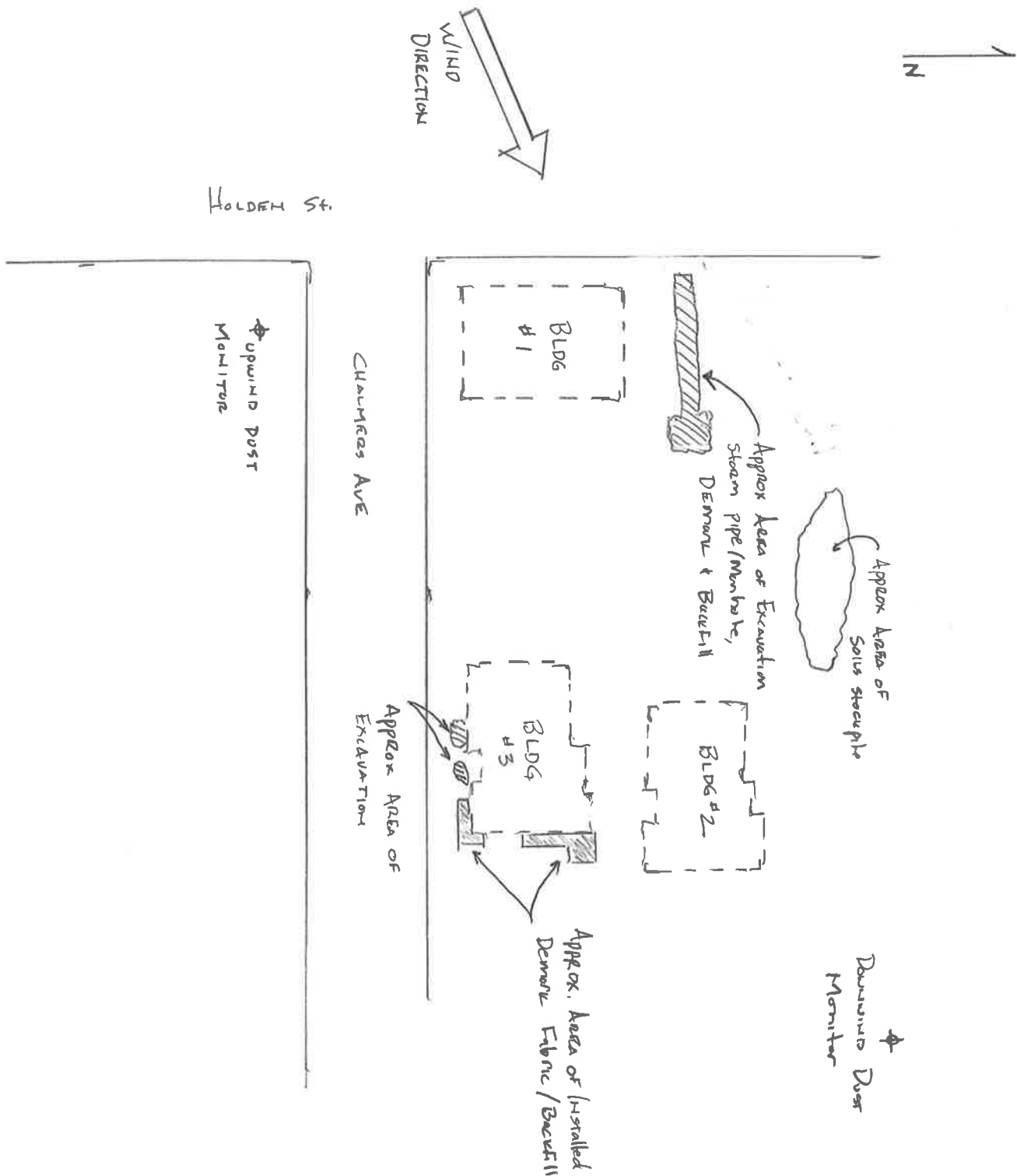
DAILY FIELD SUMMARY FORM

DATE: 11-16-2017

FILE No. 21.0056642.30

REPORT No. 17-24

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development



NOT TO SCALE

M.D. KRESS

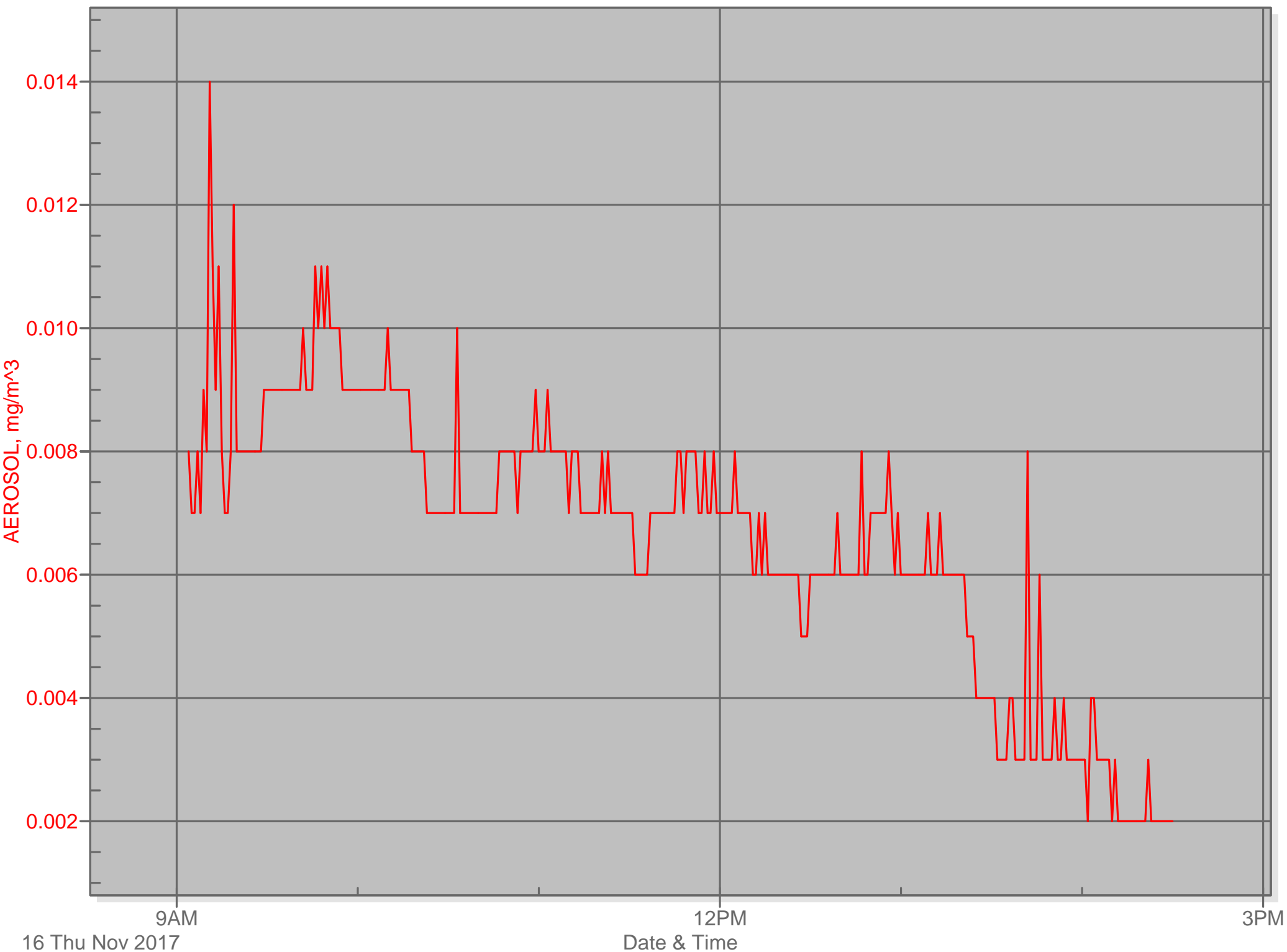
Test 022

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/16/2017
Instrument S/N	8530153315	Start Time	09:02:57
		Stop Date	11/16/2017
		Stop Time	14:29:57
		Total Time	0:05:27:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.007 mg/m ³
Max	0.014 mg/m ³
Max Date	11/16/2017
Max Time	09:10:57
Min	0.002 mg/m ³
Min Date	11/16/2017
Min Time	14:01:57
TWA (8 hr)	0.004
TWA Start Date	11/16/2017
TWA Start Time	09:02:57
TWA End Time	14:29:57

129 Holden St

11-16-2017



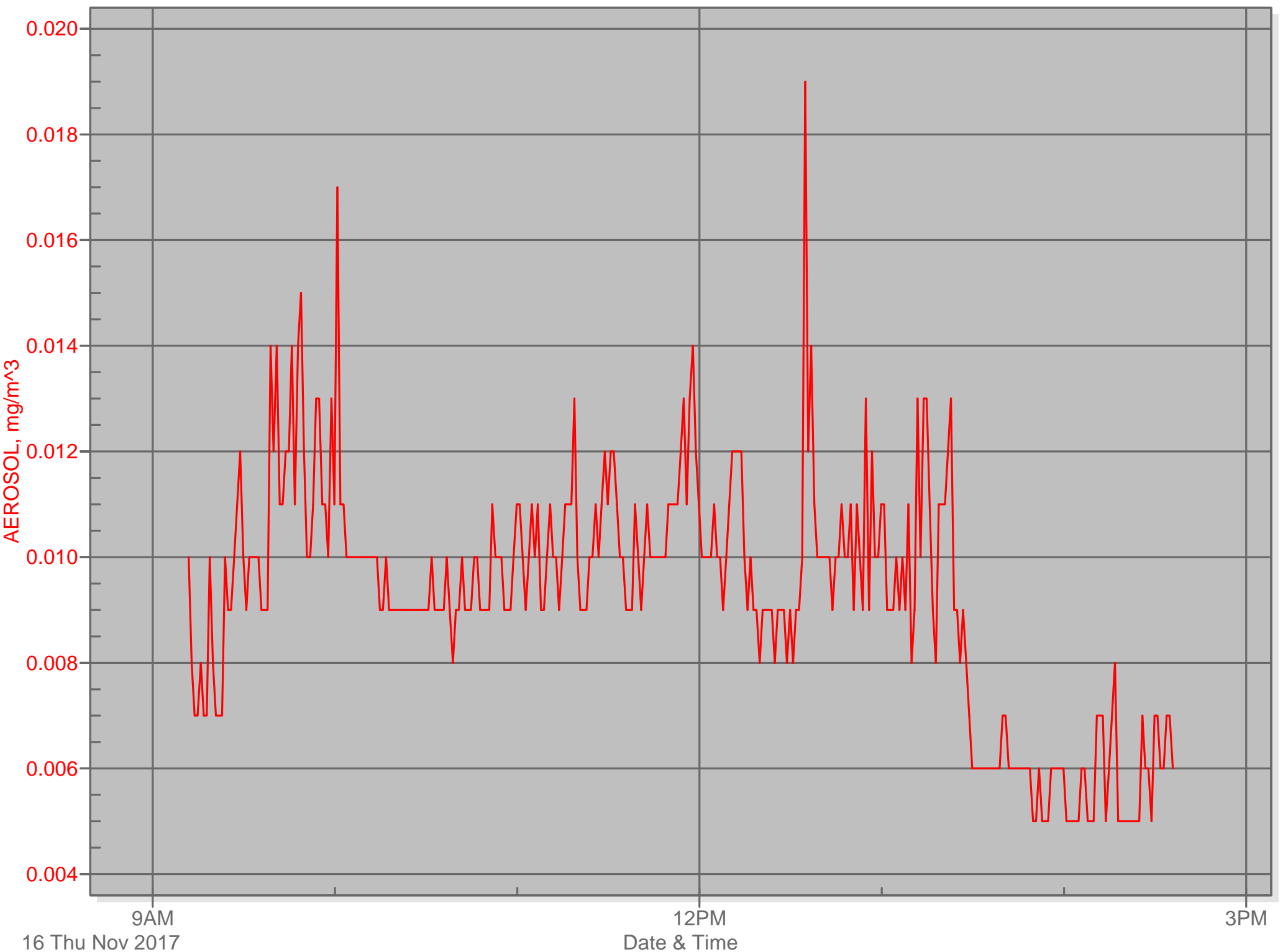
Test 020

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/16/2017
Instrument S/N	8530141112	Start Time	09:10:47
		Stop Date	11/16/2017
		Stop Time	14:35:47
		Total Time	0:05:25:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.009 mg/m ³
Max	0.019 mg/m ³
Max Date	11/16/2017
Max Time	12:34:47
Min	0.005 mg/m ³
Min Date	11/16/2017
Min Time	13:49:47
TWA (8 hr)	0.006
TWA Start Date	11/16/2017
TWA Start Time	09:10:47
TWA End Time	14:35:47

129 Holden St

11-16-2017



DAILY FIELD SUMMARY FORM

DATE: 11-17-2017

FILE No. 21.0056642.30

REPORT No. 17-25

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

GENERAL WEATHER CONDITIONS: Cloudy

Temp Range: 32 to 38 °F

Wind Speed: 5 - 10 mph

Wind Direction: NW - SE (Am)

Time GZA Arrived on Site: 0730

Site Conditions: Moist

Contractors on Site:

Milherst Construction } 0700 start
Brawdy Construction }

• GZA Personnel On-Site:

Mike Kress / Jim Richert

• GZA's Equipment On-Site:

(2) Dust Trax II

(1) Min. Rae 3000 (PID)

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

(~45' x 90')

- Milherst stripping clean soils FROM ABOVE demark fabric IN FOOTPRINT OF UNDERGROUND storm water retention AREA FOOTPRINT. SOILS loaded into Dumptruck & Stockpiled in clean soil stockpile, Bulldozers used to grade surface.
- Brawdy stripping forms of Foundation walls Bldg #3
- Milherst stripping clean soils above demark fabric TO PREPARE AN AREA FOR spoils generated while excavating below demark fabric for underground retention pond. Note these soils to be used as backfill around outer Foundations below 2.5' of FINISHED GRADE.
- Milherst EXCAVATING for underground retention pond.
- Milherst EXCAVATED TO EXPOSE subgrade concrete wall along west fence FOR ACCESS TO LAY NEW sewer line (E+W)

Photos taken:

3778 TO 3785

Time GZA left Site: Mike @ Noon / Jim @ 1546

Prepared by: M. Kress / J. Richert

Reviewed by: J. Richert

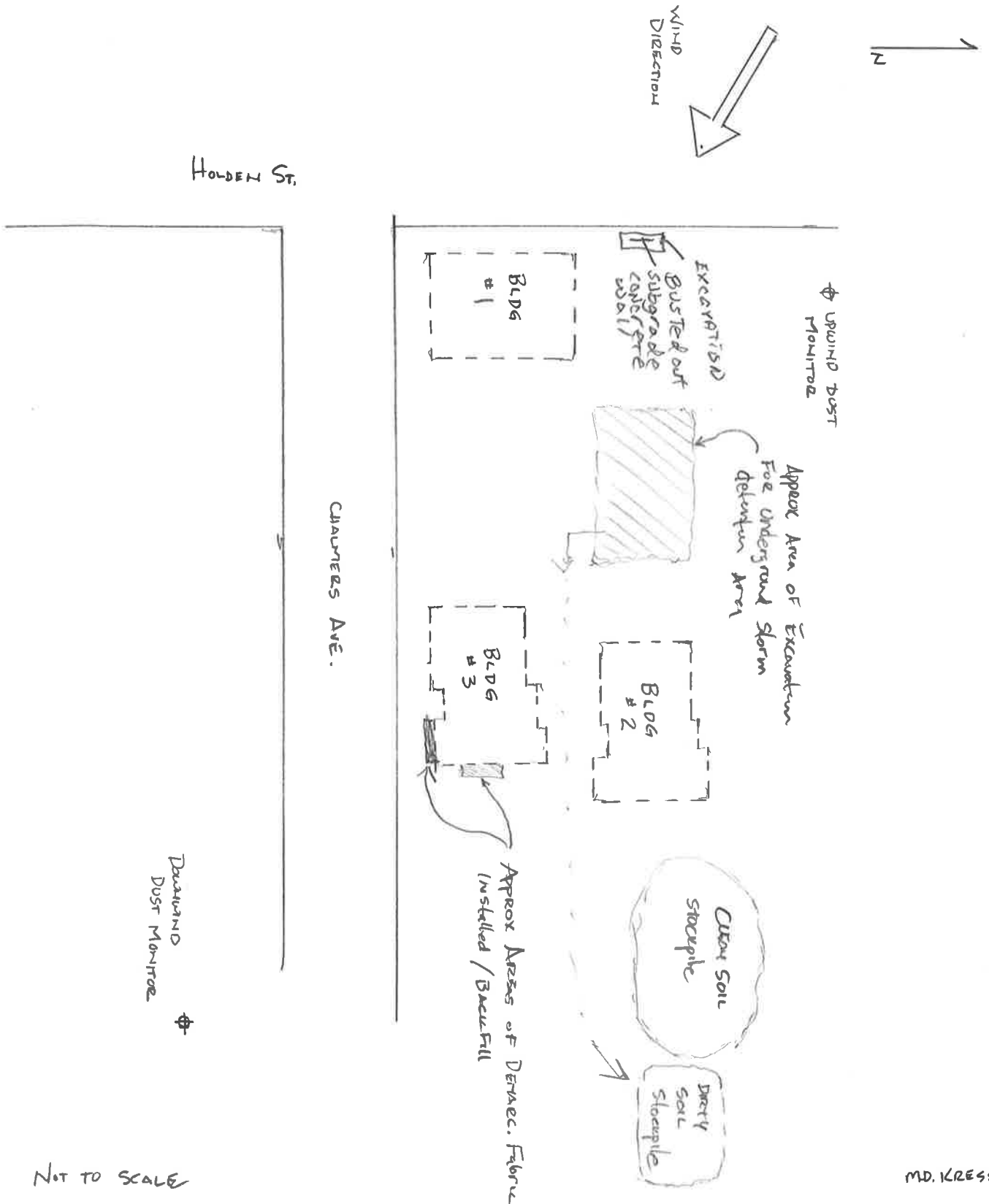
DAILY FIELD SUMMARY FORM

DATE: 17-17-2017

FILE No. 21.0056642.30

REPORT No. 17-25

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development



MD. KRESS

Test 023

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/17/2017
Instrument S/N	8530153315	Start Time	08:48:27
		Stop Date	11/17/2017
		Stop Time	16:03:27
		Total Time	0:07:15:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.007 mg/m ³
Max	0.026 mg/m ³
Max Date	11/17/2017
Max Time	15:39:27
Min	0.003 mg/m ³
Min Date	11/17/2017
Min Time	09:51:27
TWA (8 hr)	0.007
TWA Start Date	11/17/2017
TWA Start Time	08:48:27
TWA End Time	16:03:27

11-17-2017



Test 021**ERROR: FLOW,**

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/17/2017
Instrument S/N	8530141112	Start Time	08:44:08
		Stop Date	11/17/2017
		Stop Time	08:57:08
		Total Time	0:00:13:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.001 mg/m ³
Max	0.004 mg/m ³
Max Date	11/17/2017
Max Time	08:52:08
Min	0.000 mg/m ³
Min Date	11/17/2017
Min Time	08:45:08
TWA (8 hr)	N/A
TWA Start Date	11/17/2017
TWA Start Time	08:44:08
TWA End Time	08:57:08

DAILY FIELD SUMMARY FORM

DATE: 11-20-2017

FILE No. 21.0056642.30

REPORT No. 17-26

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

GENERAL WEATHER CONDITIONS: Cloudy, Windy

Temp Range: 32 to 38 °F

Wind Speed: 15-25 mph

Wind Direction: W to E

Time GZA Arrived on Site: 0730

Site Conditions: Moist, Frozen

Contractors on Site:

- Milherst Construction } 0700 start
- Brawdy Construction }
- GZA Personnel On-Site:
 - MIKE KRESS
- GZA's Equipment On-Site:
 - (2) Dust Trax II
 - (1) Min. Ruc 3000 (PID)

• Max Dust Readings:

upwind → 0.030

downwind → 0.044

No Visible Dust observed

• No ELEVATED PID READING AT or downwind of excavations.

Name of NYSDEC Representative(s) on Site:

Time of arrival:

Time of departure:

Issues Discussed with NYSDEC:

NOTE: City of Buffalo Representative (Amy) From WENDELL Engineering on-Site to observe sanitary sewer installation.

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Brawdy SETTING Forms & Rebar for interior footings Bldg 3. Concrete/Pump truck on-site 1300 hrs.
- Milherst excavating East of curb at Holden St for sanitary sewer manhole/tie-in. 0-4' bgs previously placed granular fill soils. 5'-8' bgs a mix of fine and coarse grained soils generally cohesive, brown & gray, asphalt fragments & cobbles. Soils loaded into dump truck and stockpiled in stockpile area (see attached sketch). Milherst cut sanitary main and installed manhole & made tie-in connection. Milherst then excavated pipe trench (~4' wide) going east for 8" SDR 35 PVC sanitary pipe. Soils below demarc similar to described above. No odors, staining or product observed. NOTE: Per City of Buffalo the pipe trench

Photos taken:

IMG_6486 - 6499

Time GZA left Site: 1600

Prepared by: M. Kress

Reviewed by: J. Rickert

From below demarc fabric as backfill to -2.5' below finish grade on south side of Bldg 3, then placed orange demarc fabric, then suitable clean soils to -0.5' below finished grade.

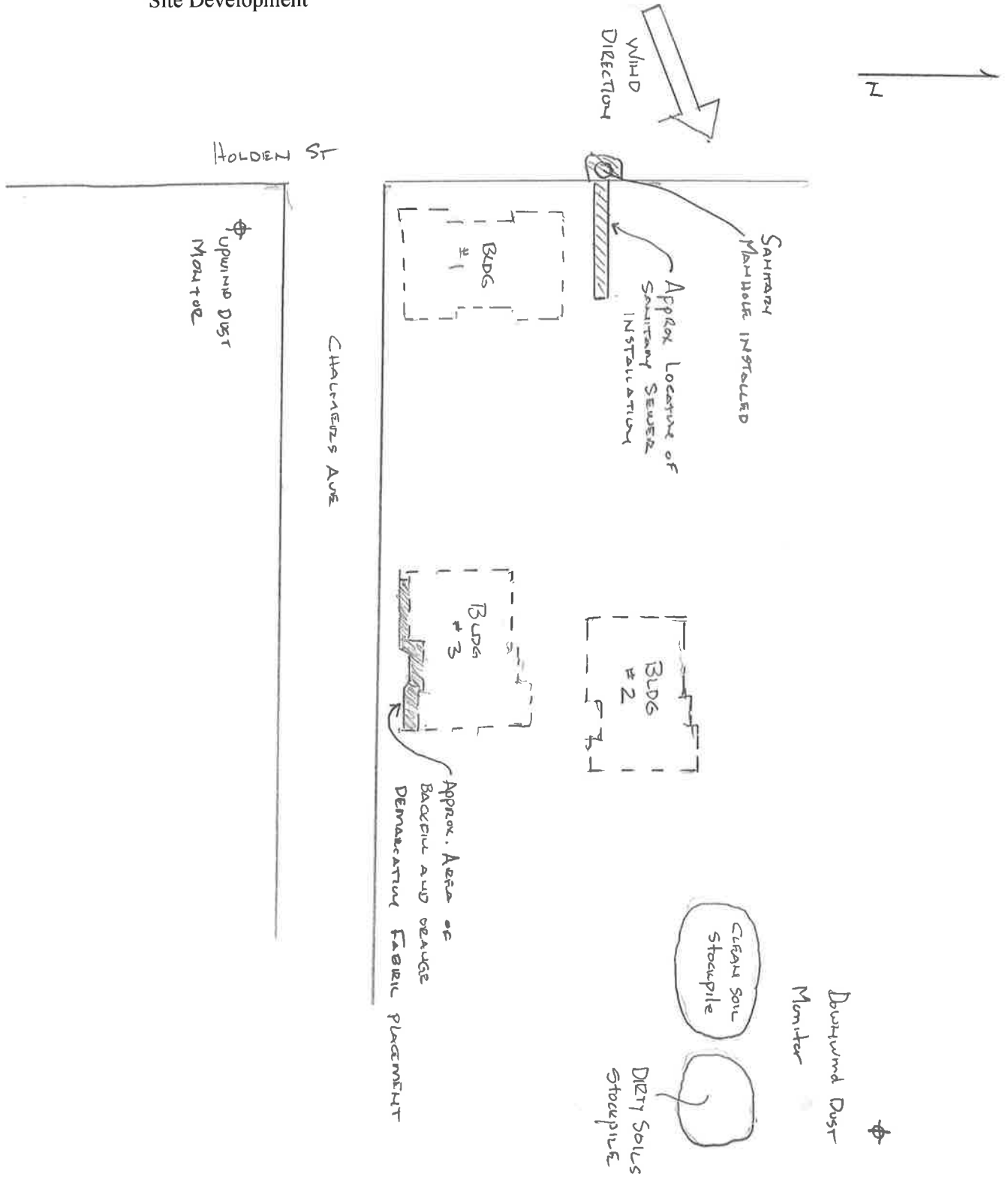
DAILY FIELD SUMMARY FORM

DATE: 11-20 2017

FILE No. 21.0056642.30

REPORT No. 17-26

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development



Not to Scale

GZA GeoEnvironmental of New York

M.D. Kress
Page 2 of 2

Test 024

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/20/2017
Instrument S/N	8530153315	Start Time	08:44:41
		Stop Date	11/20/2017
		Stop Time	16:48:41
		Total Time	0:08:04:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.008 mg/m ³
Max	0.030 mg/m ³
Max Date	11/20/2017
Max Time	14:45:41
Min	0.000 mg/m ³
Min Date	11/20/2017
Min Time	10:06:41
TWA (8 hr)	0.008
TWA Start Date	11/20/2017
TWA Start Time	08:44:41
TWA End Time	16:48:41

11-20-2017



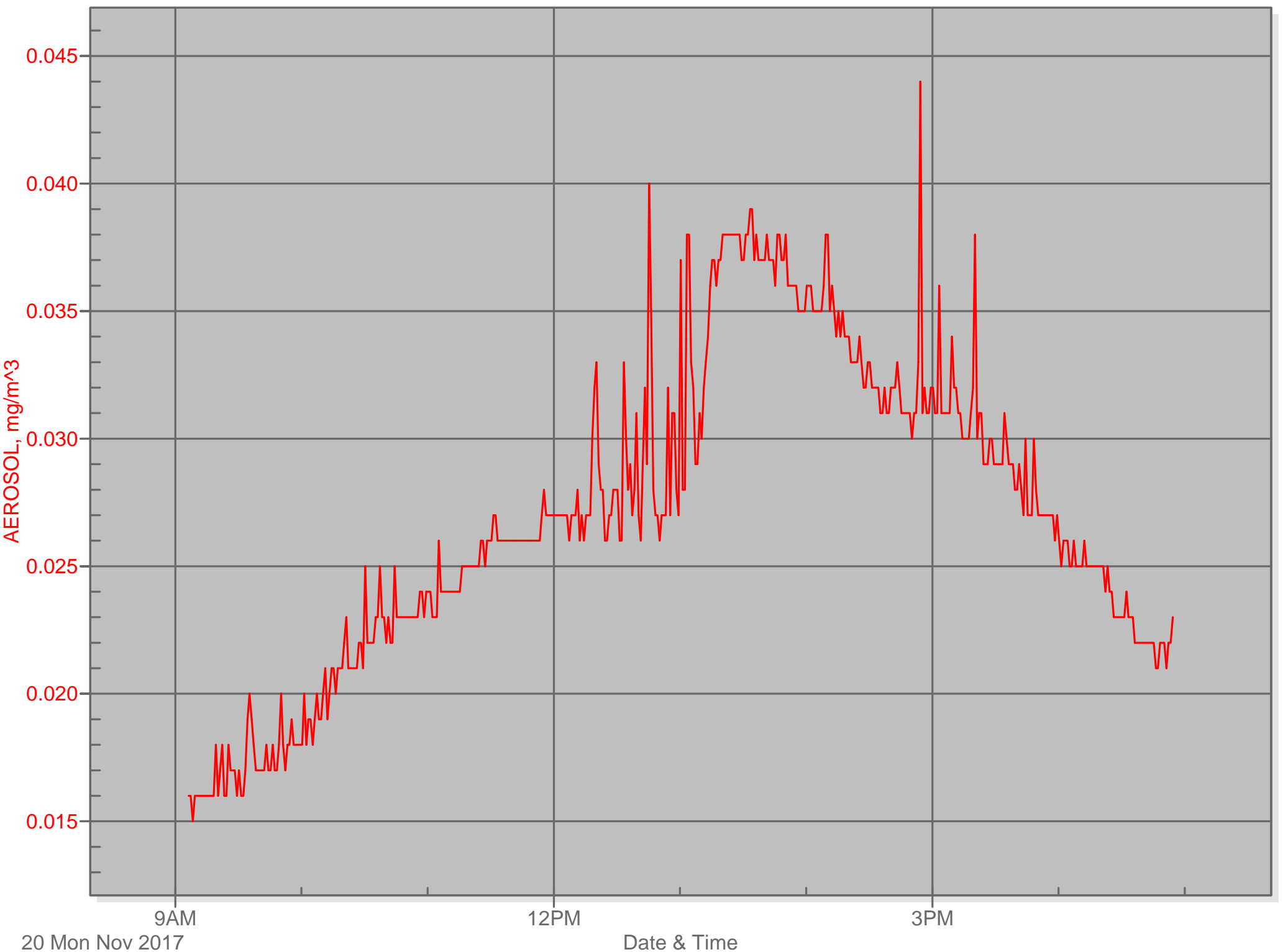
Test 023

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/20/2017
Instrument S/N	8530141112	Start Time	09:05:18
		Stop Date	11/20/2017
		Stop Time	16:54:18
		Total Time	0:07:49:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.027 mg/m ³
Max	0.044 mg/m ³
Max Date	11/20/2017
Max Time	14:54:18
Min	0.015 mg/m ³
Min Date	11/20/2017
Min Time	09:08:18
TWA (8 hr)	0.026
TWA Start Date	11/20/2017
TWA Start Time	09:05:18
TWA End Time	16:54:18

129 Holden St

11-20-2017



DAILY FIELD SUMMARY FORM

DATE: 11-21-2017

FILE No. 21.0056642.30

REPORT No. 17-27

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

GENERAL WEATHER CONDITIONS: Sunny, Windy

Temp Range: 40 to 50 °F

Wind Speed: 15-25 mph

Wind Direction: SW to NE

Time GZA Arrived on Site: 0730

Site Conditions: Moist

Contractors on Site:

Milherst Construction, Brawdy Construction } 0700 START
Plumbers

• GZA Personnel On-Site:

Mike Kress

• GZA's Equipment On-Site:

(2) Dust Trax II

(1) Mini Rae 3000 (PID)

• Max Dust Readings

Upwind

Downwind

No Visible dust observed

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

• No elevated PID Readings At or
DOWNWIND OF EXCAVATION

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Milherst Excavating For 2nd Sanitary Sewer Manhole (NE of Bldg #1). Soils beneath orange demarcation fabric a mix of fine and coarse grained soils, generally brown and cohesive with gravel & cobbles. Bedrock encountered before required grade was met. Milherst used Hoe Ram to break bedrock. All spoils material loaded into dumptruck & transported to dirty soils stockpile (SEE ATTACHED SKETCH). No odors, staining or product observed. No elevated PID readings at excavation or down wind. Milherst then placed orange demarcation fabric on bedrock surface followed by bedding stone. Milherst dug and installed sanitary piping, Y's & a third manhole and made the sanitary line connection (6" PVC) to Bldg #1. All trenches backfilled with imported granular soils.
- Milherst used dirty soils from stockpile to fill along west side of Bldg #3 to ~ -2.5' below finished grade and then placed orange demarcation fabric.

Photos taken:

IMG-6500-6516

Time GZA left Site: 1545

Plumbers installing plumbing below grade for Bldg #1

Prepared by: M. Kress

• Brawdy set forms and rebar for interior
Foundation walls of Bldg #3

Reviewed by: J. Richter

DAILY FIELD SUMMARY FORM

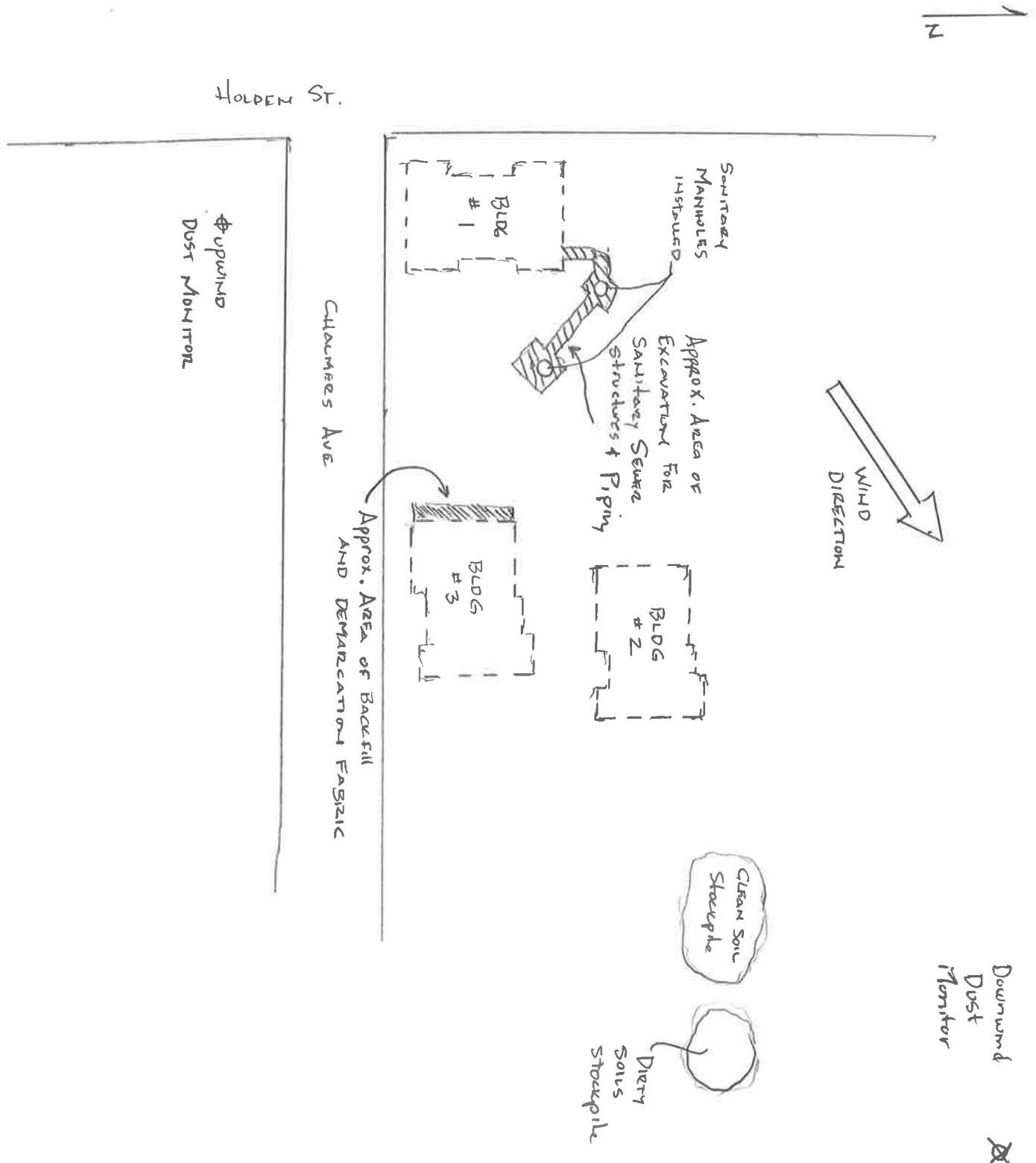
DATE: 11-21-2017

FILE No. 21.0056642.30

REPORT No. 17-27

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

2



Not To Scale

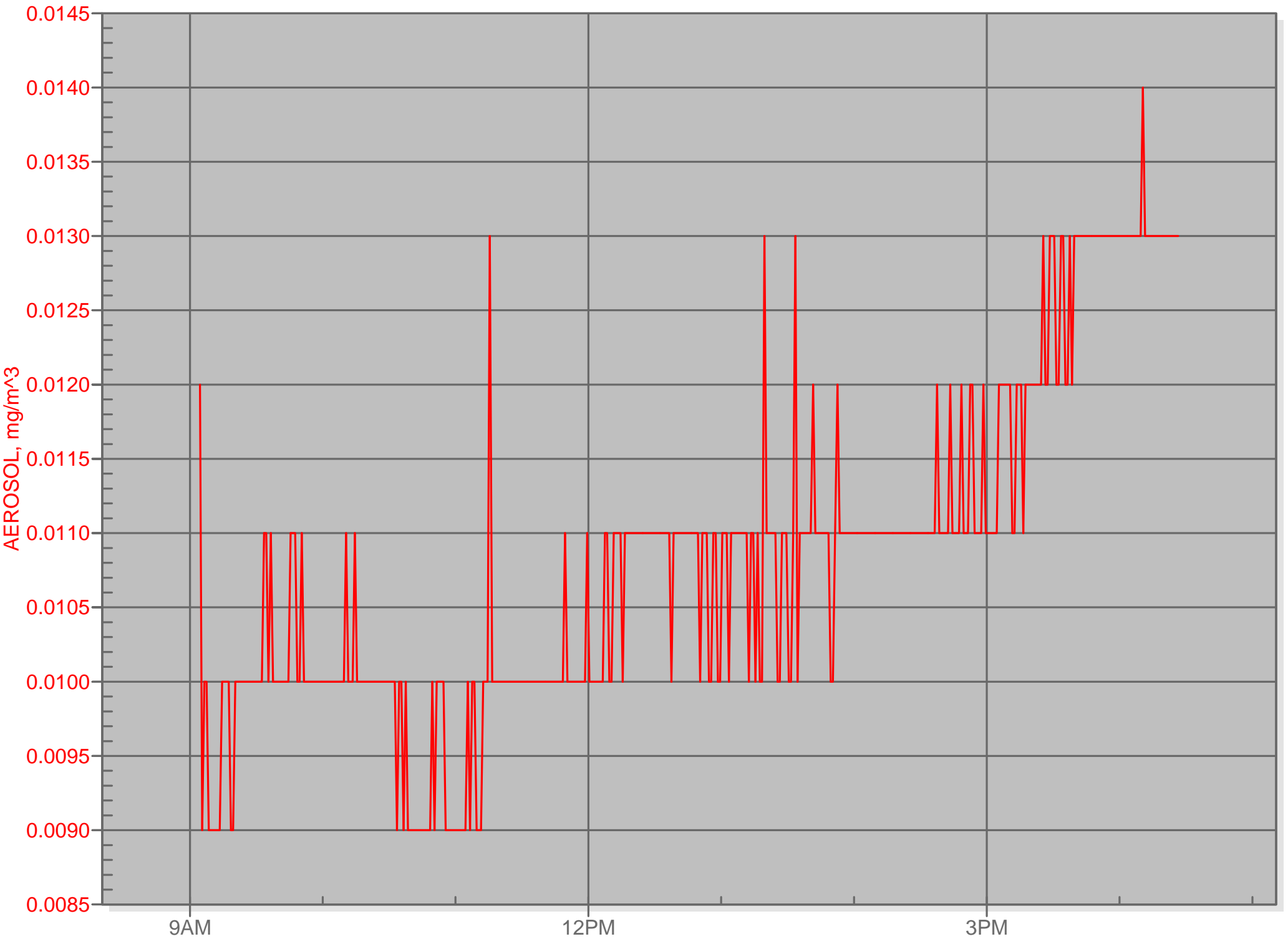
Test 025

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/21/2017
Instrument S/N	8530153315	Start Time	09:03:31
		Stop Date	11/21/2017
		Stop Time	16:26:31
		Total Time	0:07:23:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.011 mg/m ³
Max	0.014 mg/m ³
Max Date	11/21/2017
Max Time	16:10:31
Min	0.009 mg/m ³
Min Date	11/21/2017
Min Time	09:05:31
TWA (8 hr)	0.010
TWA Start Date	11/21/2017
TWA Start Time	09:03:31
TWA End Time	16:26:31

129 Holden St

11-21-2017



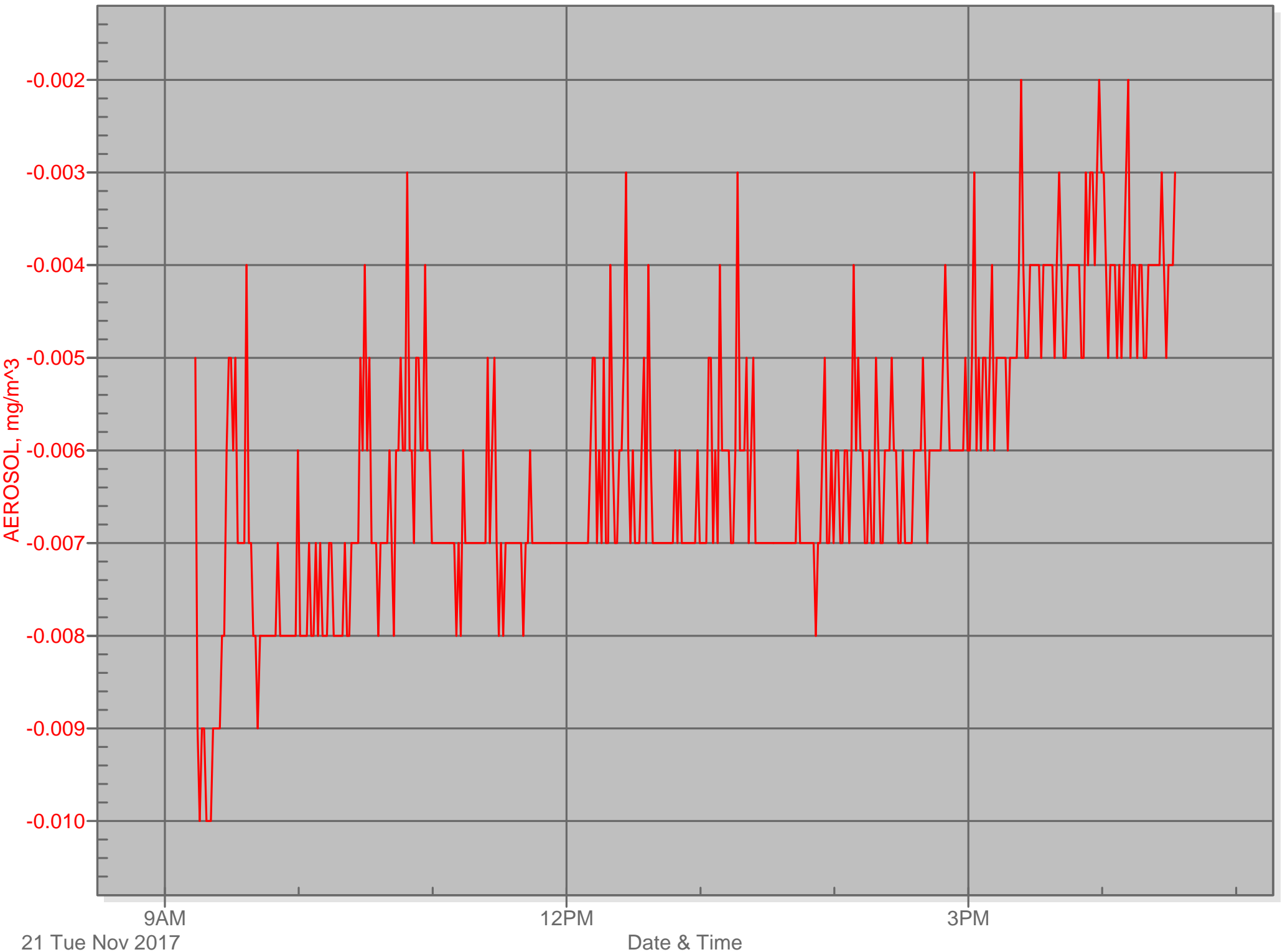
Test 024

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/21/2017
Instrument S/N	8530141112	Start Time	09:12:39
		Stop Date	11/21/2017
		Stop Time	16:32:39
		Total Time	0:07:20:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	-0.006 mg/m ³
Max	-0.002 mg/m ³
Max Date	11/21/2017
Max Time	15:23:39
Min	-0.010 mg/m ³
Min Date	11/21/2017
Min Time	09:15:39
TWA (8 hr)	-0.006
TWA Start Date	11/21/2017
TWA Start Time	09:12:39
TWA End Time	16:32:39

129 Holden St

11-21-2017



DAILY FIELD SUMMARY FORM

DATE: 11-22-2017

FILE No. 21.0056642.30

REPORT No. 17-28

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

GENERAL WEATHER CONDITIONS: Cloudy

Temp Range: 33 to 38 °F

Wind Speed: 5-10 mph

Wind Direction: NW to SE

Time GZA Arrived on Site: 0730

Site Conditions: Wet with Standing Water

• No Elevated PID Readings At or downwind of Excavation.

Contractors on Site: Milherst Const. } 0700 start
Brawdy Const. }

• Max Dust Readings:

Upwind 0.042

Downwind 0.200 mg/m³

• GZA Personnel On-Site:

Mike Kress

• GZA's Equipment On-Site:

(2) Dust Trax II

(1) Mini Rae 3000 (PID)

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

* EXCEEDANCE DUE TO MAINTENANCE OF CHALMERS AVE (WITHIN SITE LIMITS). USING POWER STREET SWEEPER TO CLEAN ASPHALT PAVEMENT. DUST MONITOR SET UP ~50' FROM ACTIVITY. VISIBLE DUST DISSIPATED PRIOR TO REACHING SITE/PROPERTY LINE.

GZA SUGGESTED TO MILHERST TO USE WATER IN FUTURE.

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- MILHERST CONTINUED EXCAVATION FOR SANITARY SEWER PIPING AND MANHOLE IN EAST-WEST DIRECTION FROM MANHOLE SMH-102 INSTALLED YESTERDAY (11-21-17). SOILS BELOW ORANGE DEMARCATION FABRIC OBSERVED TO BE A MIX OF FINE AND COARSE GRAINED SOILS, GRAVEL, COBBLES & BOULDERS, BROWN AND GRAY IN COLOR AND GENERALLY COHESIVE. NO ODORS, STAINING OR PRODUCT OBSERVED. PID READINGS NOT ELEVATED ABOVE BACKGROUND (0.1 ppm) AT OR DOWNWIND OF EXCAVATION. SPOILS LOADED INTO DUMPTRUCK & STOCKPILED IN DIRTY SOILS STOCKPILE AREA (SEE ATTACHED SKETCH)
- Milherst Backfilling with clean suitable sandy soils (From clean soil stockpile) on West side of BLDG 3, above previously placed orange demarcation fabric.
- Milherst installed orange demarc fabric in sanitary pipe trench prior to bedding stone, pipe and manhole (SMH-103) installation and crushed stone backfill to ground surface.

Photos taken:

IMG-6517 to 6527

Time GZA left Site: 1450

• BRAWDY SETTING FORMS FOR INTERIOR WALLS & PORCHES OF BLDG #3. Concrete/Pump truck ARRIVED 1300.

Prepared by: M. Kress

Reviewed by: J. Richter

• 1415 Milherst using Mechanical Street Sweeper to clean/maintain Chalmers Ave (within site limits). Work creating dust.

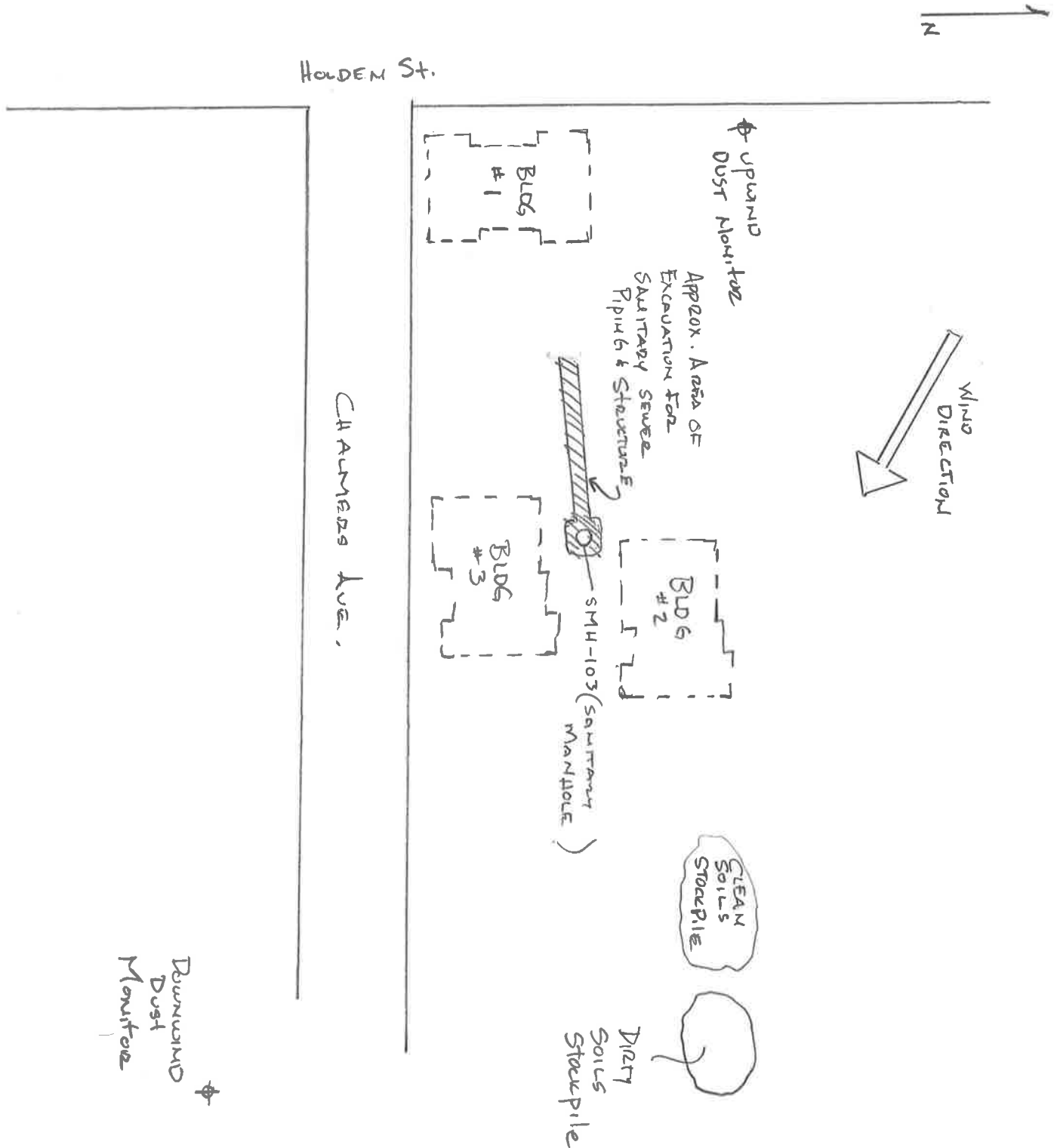
DAILY FIELD SUMMARY FORM

DATE: 11-22-2017

FILE No. 21.0056642.30

REPORT No. 17-28

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development



Not to Scale

MD Kress

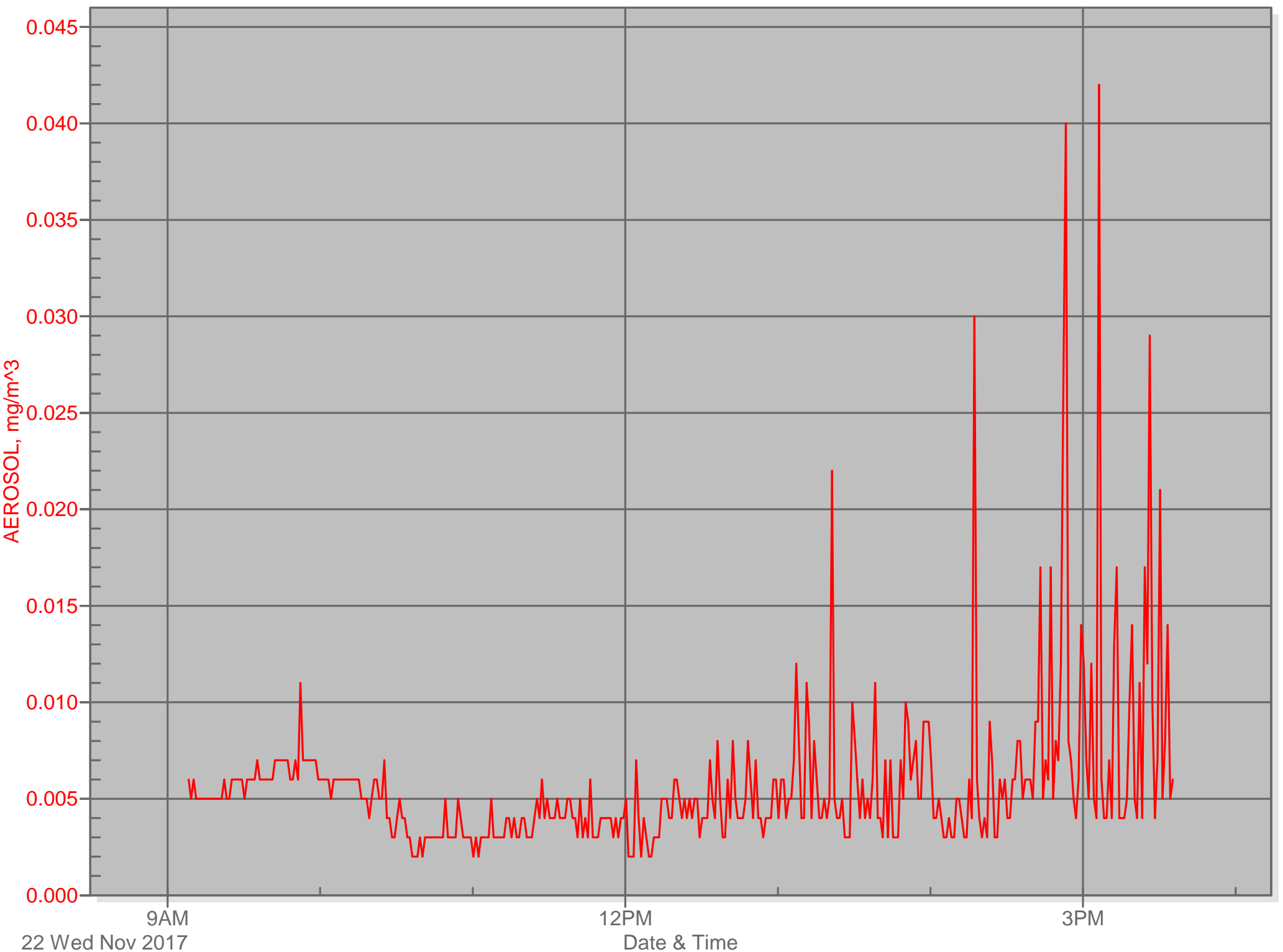
Test 026

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/22/2017
Instrument S/N	8530153315	Start Time	09:07:16
		Stop Date	11/22/2017
		Stop Time	15:35:16
		Total Time	0:06:28:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.006 mg/m ³
Max	0.042 mg/m ³
Max Date	11/22/2017
Max Time	15:06:16
Min	0.002 mg/m ³
Min Date	11/22/2017
Min Time	10:36:16
TWA (8 hr)	0.005
TWA Start Date	11/22/2017
TWA Start Time	09:07:16
TWA End Time	15:35:16

129 Holden St

11-22-2017



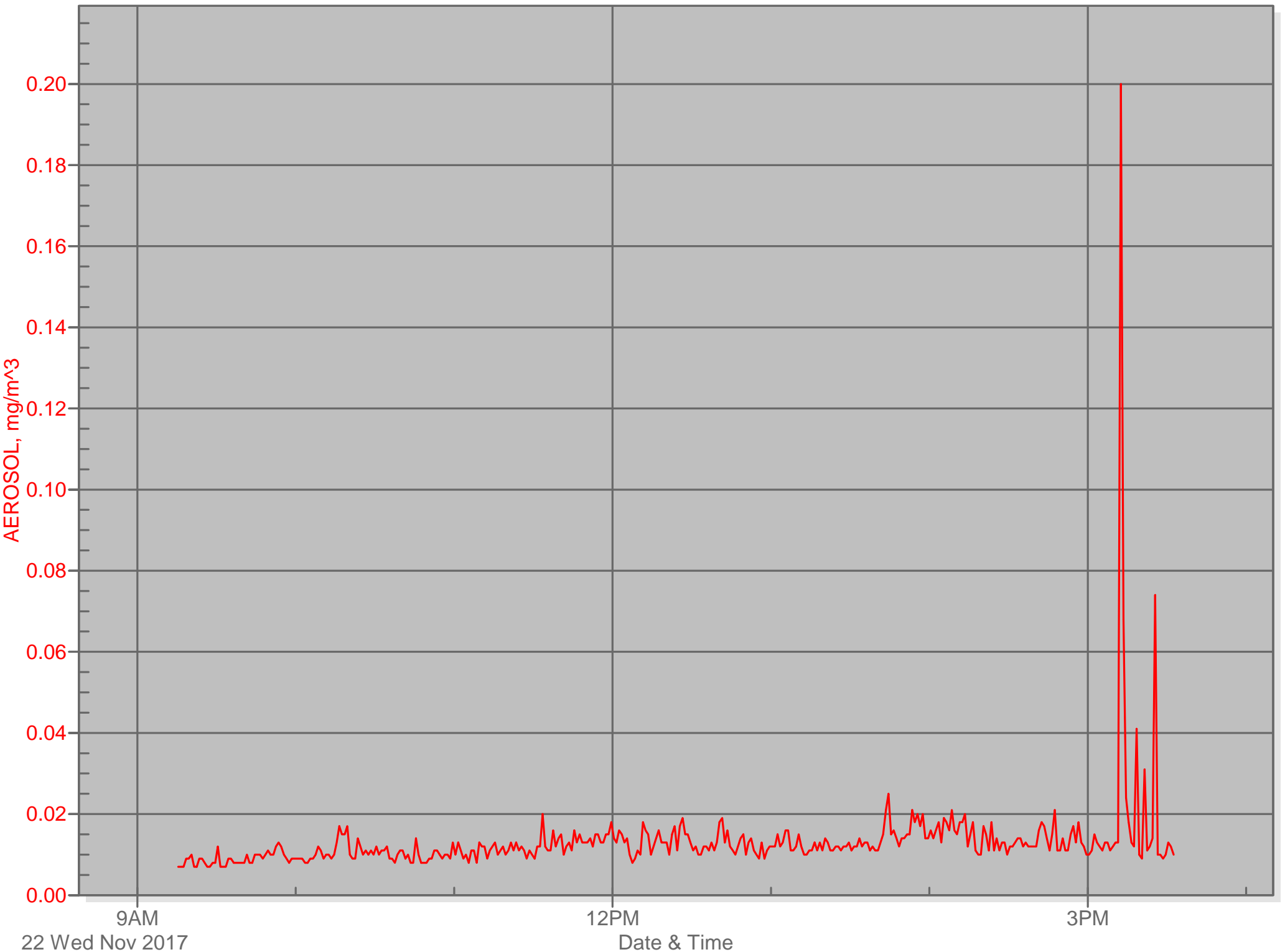
Test 025

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/22/2017
Instrument S/N	8530141112	Start Time	09:14:30
		Stop Date	11/22/2017
		Stop Time	15:32:30
		Total Time	0:06:18:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.013 mg/m ³
Max	0.200 mg/m ³
Max Date	11/22/2017
Max Time	15:12:30
Min	0.007 mg/m ³
Min Date	11/22/2017
Min Time	09:15:30
TWA (8 hr)	0.010
TWA Start Date	11/22/2017
TWA Start Time	09:14:30
TWA End Time	15:32:30

129 Holden St

11-22-2017



DAILY FIELD SUMMARY FORM

DATE: 11-27-2017

FILE No. 21.0056642.30

REPORT No. 17-29

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

GENERAL WEATHER CONDITIONS: Sunny

Temp Range: 32 to 39 °F

Wind Speed: 5-10 mph

Wind Direction: WNW - ESE

Time GZA Arrived on Site: 0730

Site Conditions: Moist

Contractors on Site:

- Milherst Construction } 0700 start
- Brawdy Construction }
- GZA Personnel On-Site:
- Mike Kress
- GZA's Equipment On-Site:

(2) Dust Trak II

(1) Mini Rae 3000 (PID)

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

- NO ELEVATED PID READINGS AT OR DOWNWIND OF EXCAVATIONS.

- MAX DUST READINGS

UPWIND 0.110 mg/m³

DOWNWIND 0.056 mg/m³

* ELEVATED UPWIND READING DUE TO PUBLIC TRAFFIC ON HOLDEN ST CREATING DUST WHILE DRIVING OVER SAW CUT AREA AROUND STORM WATER MANHOLE. MILHERST SWEEP OFF PAVEMENT TO MITIGATE.

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Milherst Fine graded bottom of Previously excavated Stormwater detention Pond (West 1/2), placed ORANGE DEMARC FABRIC, Non-Woven geotextile then bedding stone.
- Milherst Excavated FOR EASTERN HALF OF stormwater detention Pond (~8' bgs). Soils Below orange demarc fabric observed to be a mix of Fine & coarse grained soils with gravel, cobbles, large boulders, concrete fragments, abandoned metal pipes & debris. Soils were loaded into dumptruck and transported to the dirty soil stockpile.
- Milherst Excavated FOR EAST & Northeast Footers FOR Bldg #2. Soils below demarc fabric (~4' bgs), a mix of Fine & coarse grained soils & cobbles, generally cohesive. No odors, staining or product observed in either of the excavations. PID readings not elevated above background at or downwind of excavation.
- Brawdy Strapping Forms of BLDG #3 Foundation walls.
- Milherst USED grinding wheel on Bobcat to sawcut the edges of Asphalt

Photos taken:

IMG-6541-6559

Time GZA left Site: 1400

Prepared by: M. Kress

Reviewed by: J. Richter

around the previously installed stormwater manhole in Holden St. Fine grained cuttings disturbed by passing cars created dust. Milherst swept cuttings into stone backfill. ELEVATED DUST READINGS AT upwind Monitor.

- Milherst placing and compacting imported crushed stone on interior of Bldg #3.

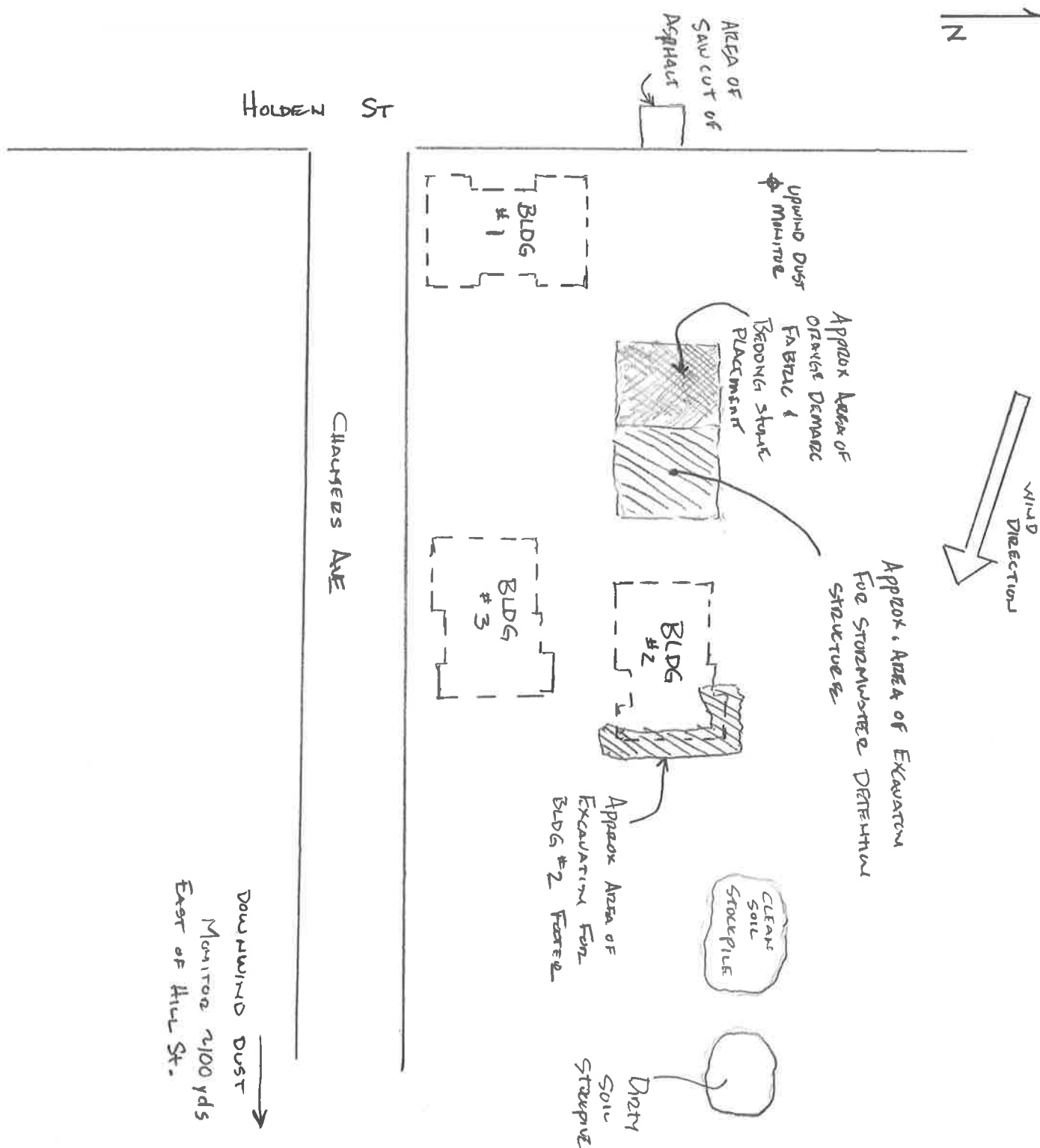
DAILY FIELD SUMMARY FORM

DATE: 11-27-2017

FILE No. 21.0056642.30

REPORT No. 17-29

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development



Not to SCALE

GZA GeoEnvironmental of New York

MD. KRESS

Page 2 of 2

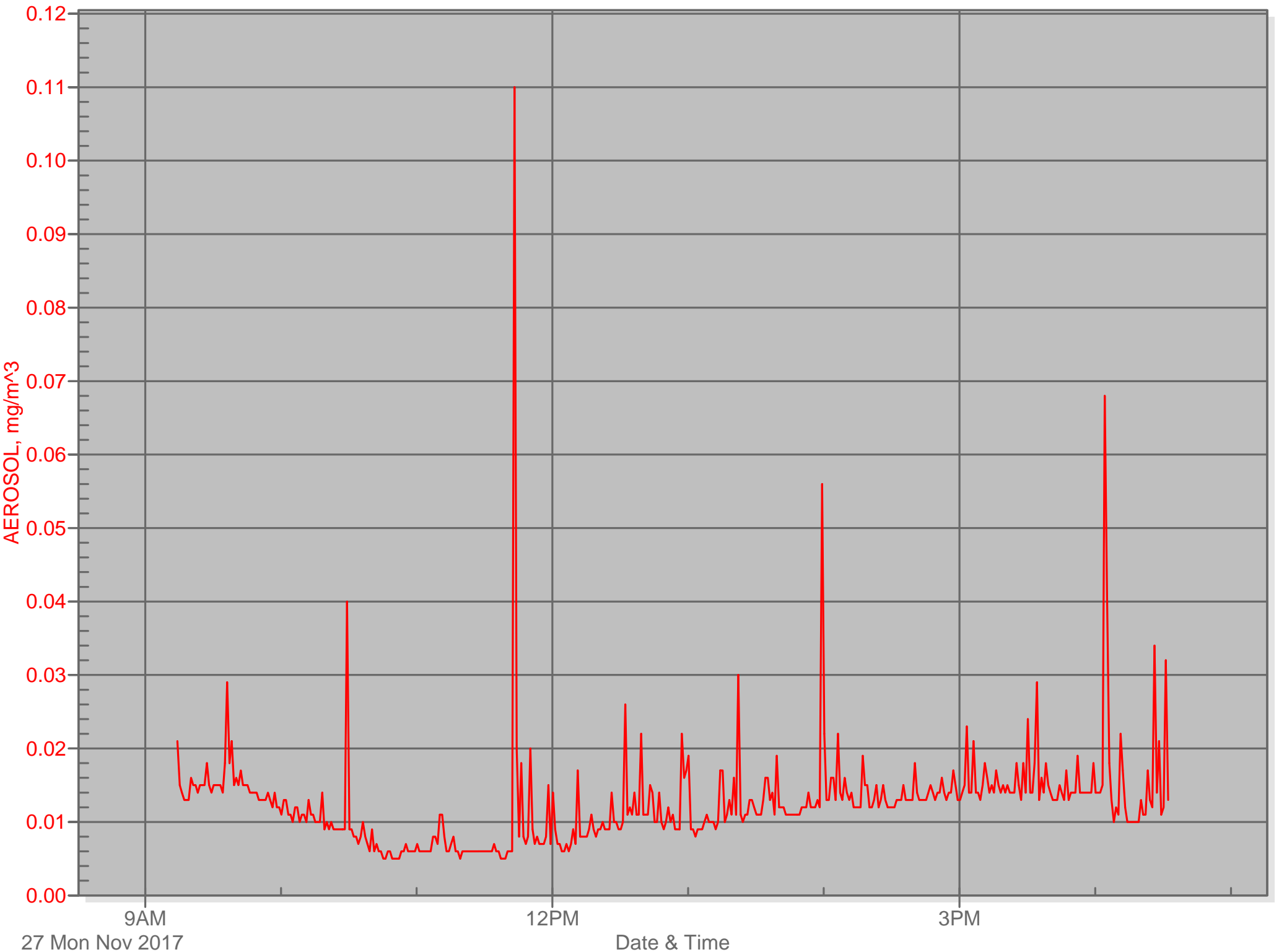
Test 027

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/27/2017
Instrument S/N	8530153315	Start Time	09:13:14
		Stop Date	11/27/2017
		Stop Time	16:32:14
		Total Time	0:07:19:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.013 mg/m ³
Max	0.110 mg/m ³
Max Date	11/27/2017
Max Time	11:43:14
Min	0.005 mg/m ³
Min Date	11/27/2017
Min Time	10:45:14
TWA (8 hr)	0.012
TWA Start Date	11/27/2017
TWA Start Time	09:13:14
TWA End Time	16:32:14

129 Holden St

11-27-2017



Test 026**ERROR: FLOW,**

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/27/2017
Instrument S/N	8530141112	Start Time	09:19:51
		Stop Date	11/27/2017
		Stop Time	09:34:51
		Total Time	0:00:15:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.023 mg/m ³
Max	0.132 mg/m ³
Max Date	11/27/2017
Max Time	09:20:51
Min	0.009 mg/m ³
Min Date	11/27/2017
Min Time	09:34:51
TWA (8 hr)	0.001
TWA Start Date	11/27/2017
TWA Start Time	09:19:51
TWA End Time	09:34:51

Test 027**ERROR: FLOW,**

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/27/2017
Instrument S/N	8530141112	Start Time	13:31:41
		Stop Date	11/27/2017
		Stop Time	13:47:41
		Total Time	0:00:16:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.022 mg/m ³
Max	0.056 mg/m ³
Max Date	11/27/2017
Max Time	13:36:41
Min	0.014 mg/m ³
Min Date	11/27/2017
Min Time	13:35:41
TWA (8 hr)	0.001
TWA Start Date	11/27/2017
TWA Start Time	13:31:41
TWA End Time	13:47:41

DAILY FIELD SUMMARY FORM

DATE: 11-28-2017

FILE No. 21.0056642.30

REPORT No. 17-30

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

GENERAL WEATHER CONDITIONS: Sunny, windy

Temp Range: 45 to 63 °F

Wind Speed: 15-30 mph

Wind Direction: SSW

Time GZA Arrived on Site: 0730

Site Conditions: Moist

Contractors on Site: Milherst Construction } 0900 start
Brawdy Construction

- GZA Personnel On-Site:
Jim Richert
- GZA's Equipment On-Site:
② DUST TRAX II
① Mini Rae 3000 - PID

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

Milherst:

- Excavating for footers at Building 2
- Placed crushed stone on bottom of stormwater retention excavation over fabric over demarc mesh.
- Back filling interior of walls at building 3 using crushed stone
- Poured concrete footers of North East walls of Building 2
- Placed ~~most~~ ^{all} of 36" Black Pipe in stormwater retention.
- Back filled much of the stormwater retention

Brawdy: - set forms + rebar of footers + exterior North + East walls of Building 2

Photos taken: 3792-3807

Time GZA left Site: 1630

Prepared by: J. Richert

Reviewed by: J. Richert

DAILY FIELD SUMMARY FORM

DATE: 11-28-2017

FILE No. 21.0056642.30

REPORT No. 17-29

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

N

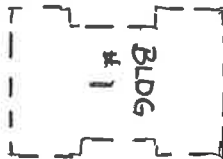
HOLDEN ST

CLAUDETS AVE

wind direction



⊕ Wind DUST MONITOR



Backfilled w/ clean soil



STORMWATER
RETENTION
EXCAVATION



APPROX. AREAS
OF EXCAVATION
FOR FOOTERS

POURED
CONCRETE
FOOTERS

Placed crushed stone
over fabric over
demarc. &
set BULK PILING

⊕ Downwind
DUST MONITOR

Test 028

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/28/2017
Instrument S/N	8530153315	Start Time	16:42:54
		Stop Date	11/28/2017
		Stop Time	16:43:54
		Total Time	0:00:01:00

Statistics	
	AEROSOL
Avg	0.004 mg/m ³
Max	0.004 mg/m ³
Max Date	11/28/2017
Max Time	16:43:54
Min	0.004 mg/m ³
Min Date	11/28/2017
Min Time	16:43:54
TWA (8 hr)	N/A
TWA Start Date	11/28/2017
TWA Start Time	16:42:54
TWA End Time	16:43:54

Test 028

ERROR: FLOW,

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/28/2017
Instrument S/N	8530141112	Start Time	08:41:55
		Stop Date	11/28/2017
		Stop Time	08:55:55
		Total Time	0:00:14:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.023 mg/m ³
Max	0.092 mg/m ³
Max Date	11/28/2017
Max Time	08:42:55
Min	0.013 mg/m ³
Min Date	11/28/2017
Min Time	08:45:55
TWA (8 hr)	N/A
TWA Start Date	11/28/2017
TWA Start Time	08:41:55
TWA End Time	08:55:55

Test 029

ERROR: FLOW,

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/28/2017
Instrument S/N	8530141112	Start Time	15:49:53
		Stop Date	11/28/2017
		Stop Time	16:03:53
		Total Time	0:00:14:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.012 mg/m ³
Max	0.027 mg/m ³
Max Date	11/28/2017
Max Time	15:50:53
Min	0.006 mg/m ³
Min Date	11/28/2017
Min Time	16:02:53
TWA (8 hr)	N/A
TWA Start Date	11/28/2017
TWA Start Time	15:49:53
TWA End Time	16:03:53

DAILY FIELD SUMMARY FORM

DATE: 11-29-2017

FILE No. 21.0056642.30

REPORT No. 17-31

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

GENERAL WEATHER CONDITIONS: Partly Sunny

Temp Range: 35 to 42 °F

Wind Speed: 5-15 mph

Wind Direction: NW to SE

Time GZA Arrived on Site: 0730

Site Conditions: Moist, Dry Haul Rd.

• No elevated PID Readings AT or downwind of excavations

• Max Dust Readings

Upwind - 0.024 mg/m³

Downwind - 0.180

Contractors on Site:

Milherst Construction } 0700 start
Brawdy Construction }

• GZA Personnel On-Site:

Mike Kress

• GZA's Equipment On-Site:

(2) Dust Trax II

(1) Mini Rae 3000 (PID)

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

• Brawdy stripping forms of Footer Bldg 3

• Setting more Footer Forms Bldg 3.

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- 0730 Milherst Excavating for stormwater Manhole DS7. Soils below demarcation fabric observed to be a mix of fine & coarse grained clays & sand with gravel & cobbles, brown & dark brown, no staining, odor or product observed. Bedrock encountered at bottom of design grade. No excavation of bedrock required. Orange demarcation fabric placed upon the bedrock, followed by bedding stone.
- 0730 Milherst Continued excavation of Bldg #2 Footer (west & SW side). Soils similar to that mentioned above with varying amounts of concrete & brick debris, rebar black and dark gray granular soils and boulders. No odors, staining or product.
- Visible dust from construction vehicles observed near Hill St. (stone stockpiles) GZA informed Milherst of dust reading of 0.080 mg/m³. Milherst scraped the gravel road in this area with front loader bucket & slowed down while traveling in dry areas. 1340 pm dust monitor displayed exceedance of 0.180 mg/m³. Milherst Foreman informed of exceedance. State delivery trucks likely the cause. Milherst informed drivers to drive slow to avoid dust. GZA observed minimal dust after that.

Photos taken:

6573-6592

Time GZA left Site: 1530

Prepared by: M. Kress

Reviewed by: J. Richey

GZA GeoEnvironmental of New York

• Milherst dug for and installed stormwater manhole & piping (DS32). Demarc placed below bedding.

DAILY FIELD SUMMARY FORM

DATE: 11-29- 2017

FILE No. 21.0056642.30

REPORT No. 17-31

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

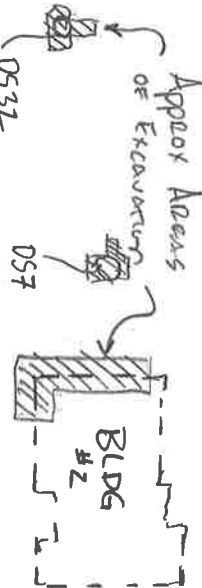
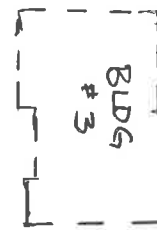
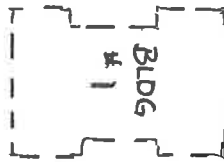


upwind
Dust Monitor



HOLDEN ST

CHAMBERS AVE



OS32

OS7

Remediation FABRIC &
clean backfill installation



Downwind Monitor
→
~150 yd Past Hill St.

NOT TO SCALE

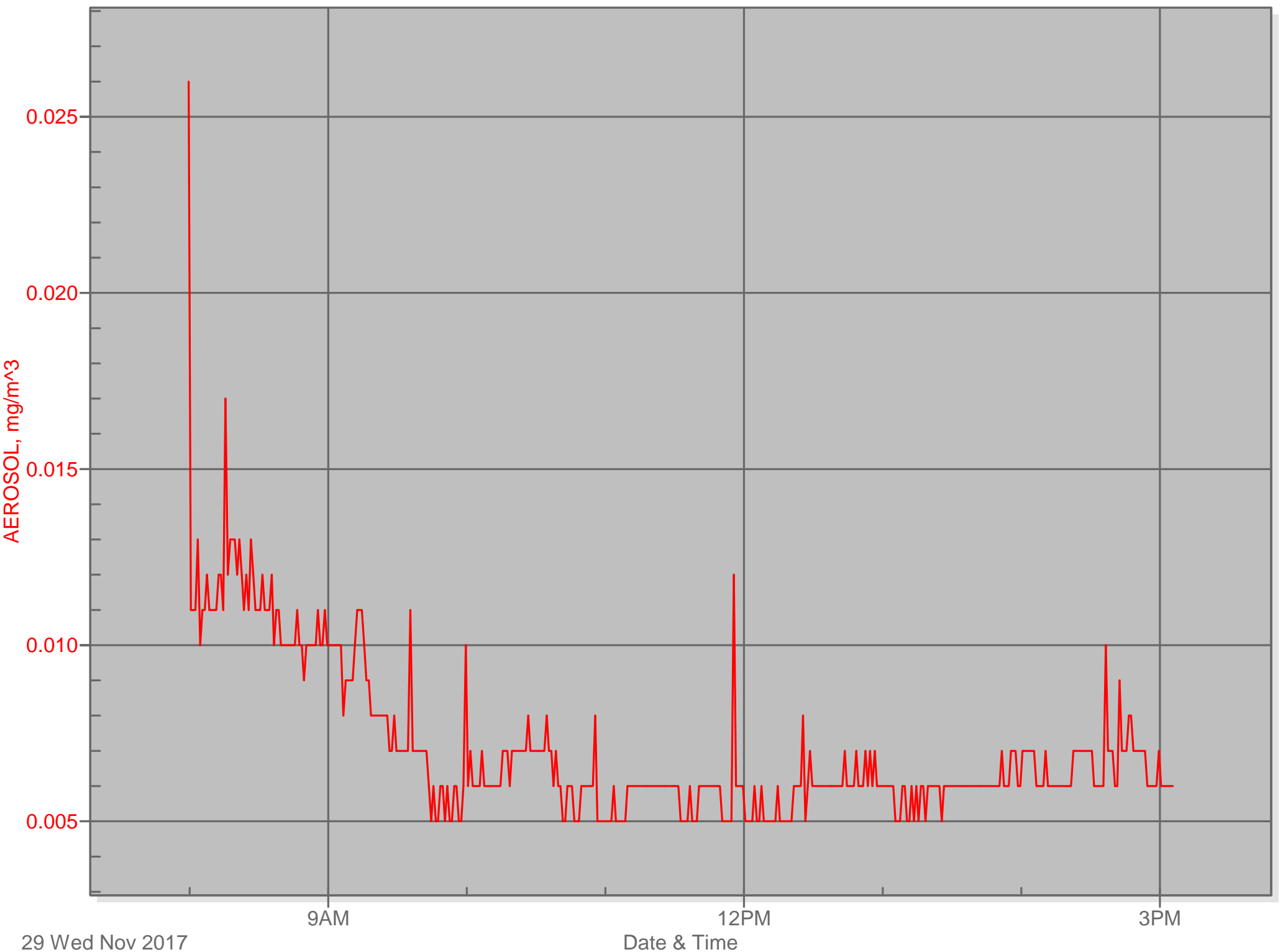
Test 029

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/29/2017
Instrument S/N	8530153315	Start Time	07:58:33
		Stop Date	11/29/2017
		Stop Time	15:05:33
		Total Time	0:07:07:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.007 mg/m ³
Max	0.026 mg/m ³
Max Date	11/29/2017
Max Time	07:59:33
Min	0.005 mg/m ³
Min Date	11/29/2017
Min Time	09:44:33
TWA (8 hr)	0.006
TWA Start Date	11/29/2017
TWA Start Time	07:58:33
TWA End Time	15:05:33

129 Holden St

11-29-2017



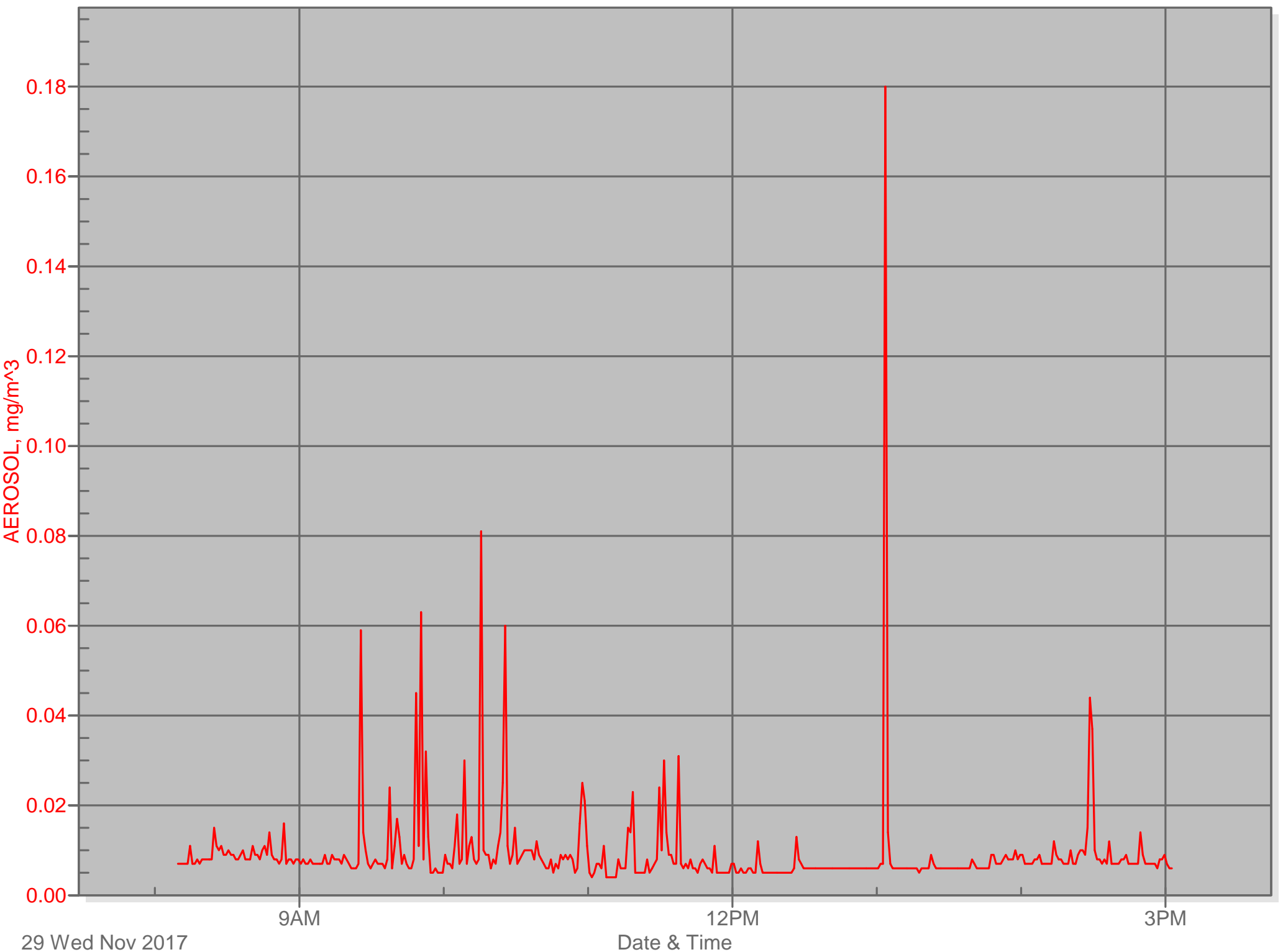
Test 030

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/29/2017
Instrument S/N	8530141112	Start Time	08:08:35
		Stop Date	11/29/2017
		Stop Time	15:02:35
		Total Time	0:06:54:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.009 mg/m ³
Max	0.180 mg/m ³
Max Date	11/29/2017
Max Time	13:03:35
Min	0.004 mg/m ³
Min Date	11/29/2017
Min Time	11:01:35
TWA (8 hr)	0.008
TWA Start Date	11/29/2017
TWA Start Time	08:08:35
TWA End Time	15:02:35

129 Holden St

11-29-2017



DAILY FIELD SUMMARY FORM

DATE: 11-30-2017

FILE No. 21.0056642.30

REPORT No. 17-32

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

GENERAL WEATHER CONDITIONS: Sun Am / Cloudy PM

Temp Range: 30 to 50 °F

Wind Speed: 5-15 mph

Wind Direction: SSW to NNE

Time GZA Arrived on Site: 0730

Site Conditions: Moist

Contractors on Site:

Milherst Construction } 0700
Brawdy Construction } START

• GZA Personnel On-Site:

MIKE KRESS

• GZA's Equipment On-Site:

(2) Dust TRAX II

(1) Min. Rac 3000 (PID)

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

• MAXIMUM DUST MONITOR READINGS:

Upwind: 0.029

Downwind: 0.040 mg/m³

Minimal visible dust observed by Impacted
stone stockpiles. Rain by 1440

• NO ELEVATED PID READINGS AT OR
Downwind OF EXCAVATIONS.

SUMMARY OF WORK OBSERVED: (See attached field sketch)

• Milherst excavated For stormwater piping and drainage Structures From DS7 (previously installed) TO DS9 and also DS7 TO DS6. Soils below demarc fabric a mix of Fine & coarse grained soils, brown and dark gray, cobbles, Boulders, abandoned piping and concrete Fragments. No odors, staining or product observed. No Elevated PID readings. Demarcation Fabric was then layed on trench bottom Followed by bedding stone.

• Milherst placing & Compacting crushed stone interior of Bldg #3.

• Brawdy setting Forms For Foundation walls of Bldg #2. 1300 pump truck concrete For Bldg 3 Footers.

• Second Brawdy crew on site today to install Poly @ bldg 1. Brawdy crew then Set rebar & Mesh For Floor slab.

• Milherst received concrete and placed it with excavator bucket around select sections of the 36" underground stormwater detention basin piping.

Photos taken:

6593-6605

Time GZA left Site: 1530

Prepared by: M. Kress

• Rain steady by 1440. Took down dust Monitors.

Reviewed by: J. Richert

DAILY FIELD SUMMARY FORM

DATE: 11-30-2017

FILE No. 21.0056642.30

REPORT No. 17-32

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

1
2

HOLDEN ST

CHARTERS AVE

⊕
UPWIND DUST
MONITOR

BLDG
#1

BLDG
#3

Approx. Areas of
Excavation
For Stormwater
DS9
DS6
BLDG
#2

WIND
Direction

CLEAN
SOIL
STOCKPILE

Dirty Soil
Stockpile

⊕
Downwind dust
monitor
(at Fence line)

NOT TO SCALE

GZA GeoEnvironmental of New York

MD KRESS

Page 2 of 2

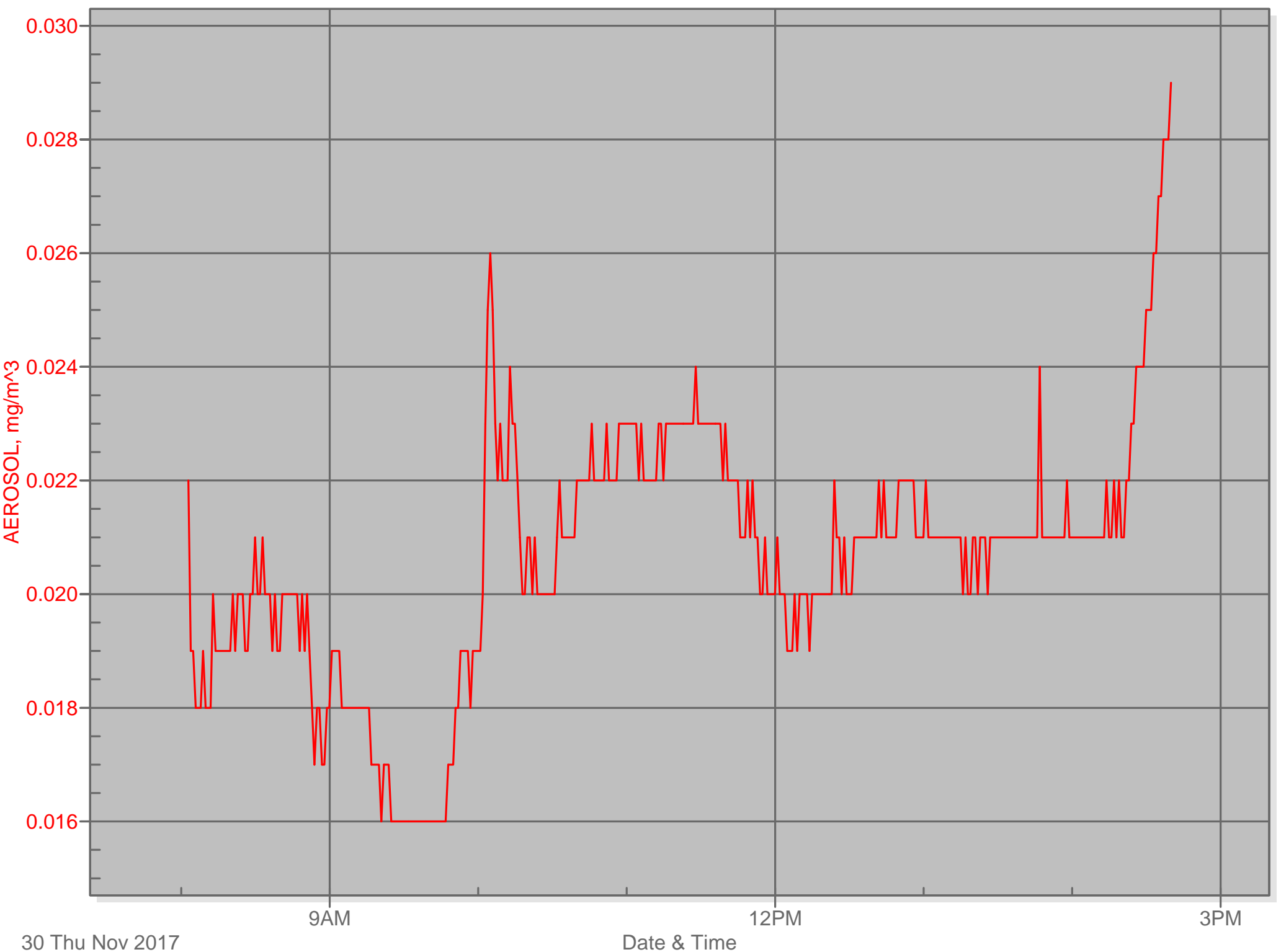
Test 030

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/30/2017
Instrument S/N	8530153315	Start Time	08:01:53
		Stop Date	11/30/2017
		Stop Time	14:39:53
		Total Time	0:06:38:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.021 mg/m ³
Max	0.029 mg/m ³
Max Date	11/30/2017
Max Time	14:39:53
Min	0.016 mg/m ³
Min Date	11/30/2017
Min Time	09:20:53
TWA (8 hr)	0.017
TWA Start Date	11/30/2017
TWA Start Time	08:01:53
TWA End Time	14:39:53

129 Holden

11-30-2017



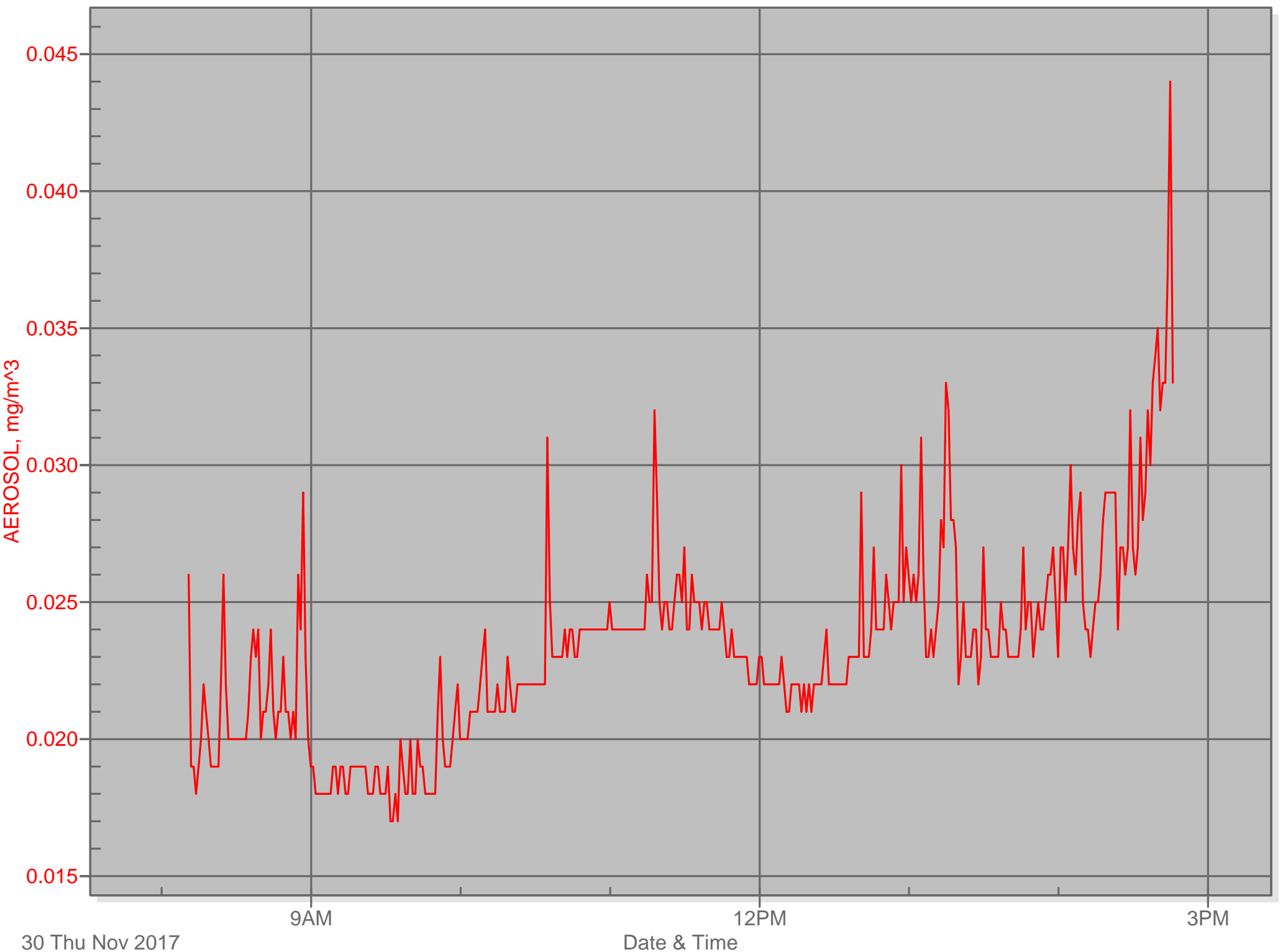
Test 031

Instrument		Data Properties	
Model	DustTrak II	Start Date	11/30/2017
Instrument S/N	8530141112	Start Time	08:09:49
		Stop Date	11/30/2017
		Stop Time	14:45:49
		Total Time	0:06:36:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.023 mg/m ³
Max	0.044 mg/m ³
Max Date	11/30/2017
Max Time	14:44:49
Min	0.017 mg/m ³
Min Date	11/30/2017
Min Time	09:31:49
TWA (8 hr)	0.019
TWA Start Date	11/30/2017
TWA Start Time	08:09:49
TWA End Time	14:45:49

129 Holden St

11-30-2017



DAILY FIELD SUMMARY FORM

DATE: 12-1-2017

FILE No. 21.0056642.30

REPORT No. 17- 33

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

GENERAL WEATHER CONDITIONS: clear + calm

Temp Range: 40 to 48 °F
Wind Speed: 1-7 mph
Wind Direction: WNW

Time GZA Arrived on Site: 7:29

Site Conditions: DAMP/wet drying to damp

Contractors on Site: - Milherst Construction
- Brawdy Construction

GZA Personnel On-Site: Jim Richert

GZA's Equipment On-Site:
(2) DUST TRAX II
(1) Mini Rae 3000 (PID)

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

MAX DUST MON. Readings:
UPWIND: 0.022 mg/m³
DOWNWIND: 0.054 mg/m³

- No visible dust observed

- No elevated PID readings at or downwind of excavations

SUMMARY OF WORK OBSERVED: (See attached field sketch)

Milherst

- Deep (8') excavation + installation of E/W sanitary sewer pipe along south side of building #2. No suspect material or elevated PID readings. Soil observed brown silty sand.
- Fin w/ rock, some large (1-2') trace of brick + concrete in filling Building 3 w/ clean soil + crushed rock

Brawdy

- pouring concrete floor slab of Building #1 over yellow poly.
- assembling concrete forms for lower walls of Building 2.

Photos taken: 3811 to 3821

Time GZA left Site: 1:50

Prepared by: J. Richert

Reviewed by: J. Richert

DAILY FIELD SUMMARY FORM

DATE: 12-1-2017

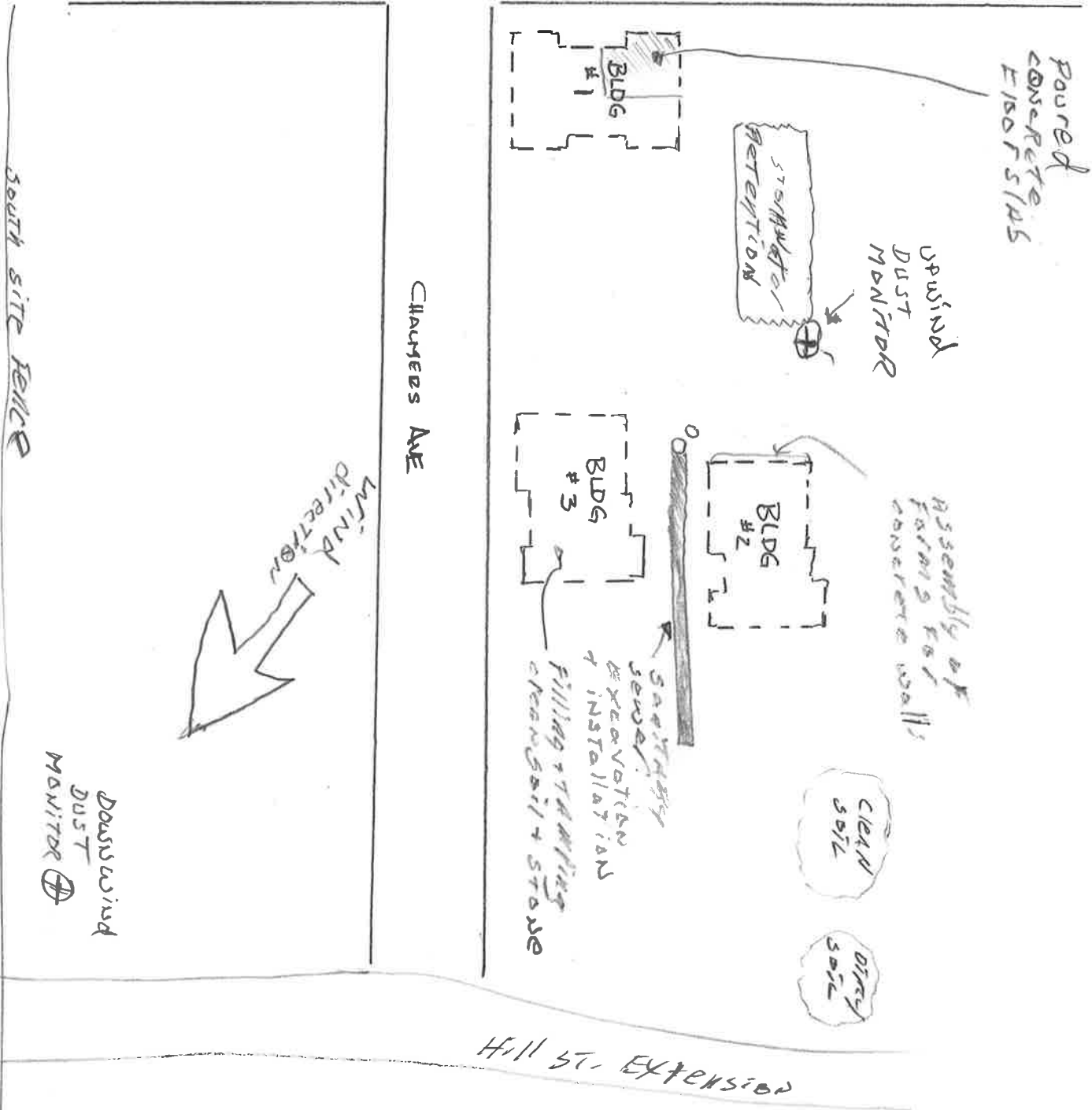
FILE No. 21.0056642.30

REPORT No. 17-22

PROJECT: 129 Holden Street BCP Site, Buffalo, New York
Site Development

1
2

HOLDEN ST



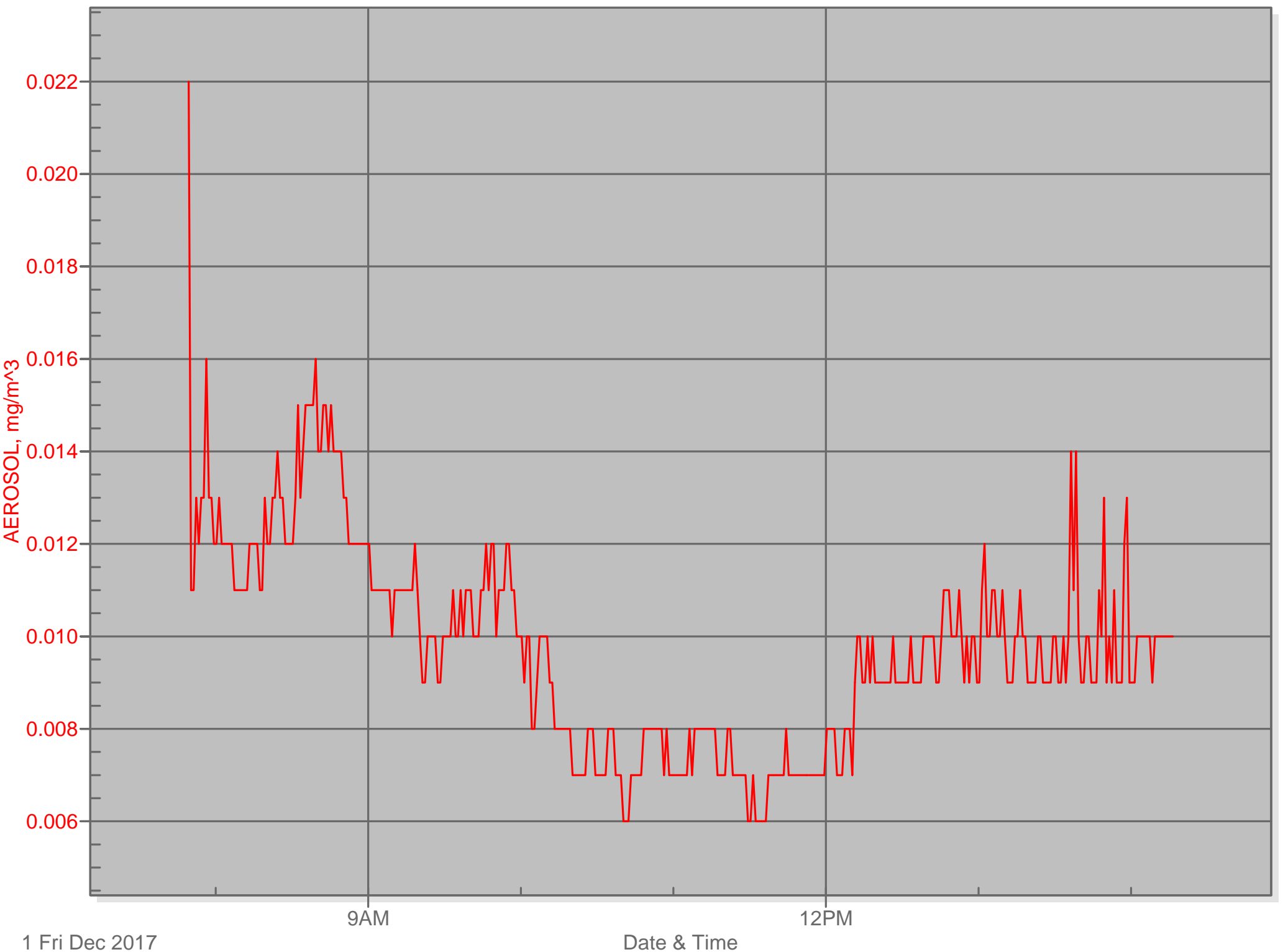
Test 031

Instrument		Data Properties	
Model	DustTrak II	Start Date	12/01/2017
Instrument S/N	8530153315	Start Time	07:48:21
		Stop Date	12/01/2017
		Stop Time	14:16:21
		Total Time	0:06:28:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.010 mg/m ³
Max	0.022 mg/m ³
Max Date	12/01/2017
Max Time	07:49:21
Min	0.006 mg/m ³
Min Date	12/01/2017
Min Time	10:40:21
TWA (8 hr)	0.008
TWA Start Date	12/01/2017
TWA Start Time	07:48:21
TWA End Time	14:16:21

129 Holden St

12-01-2017



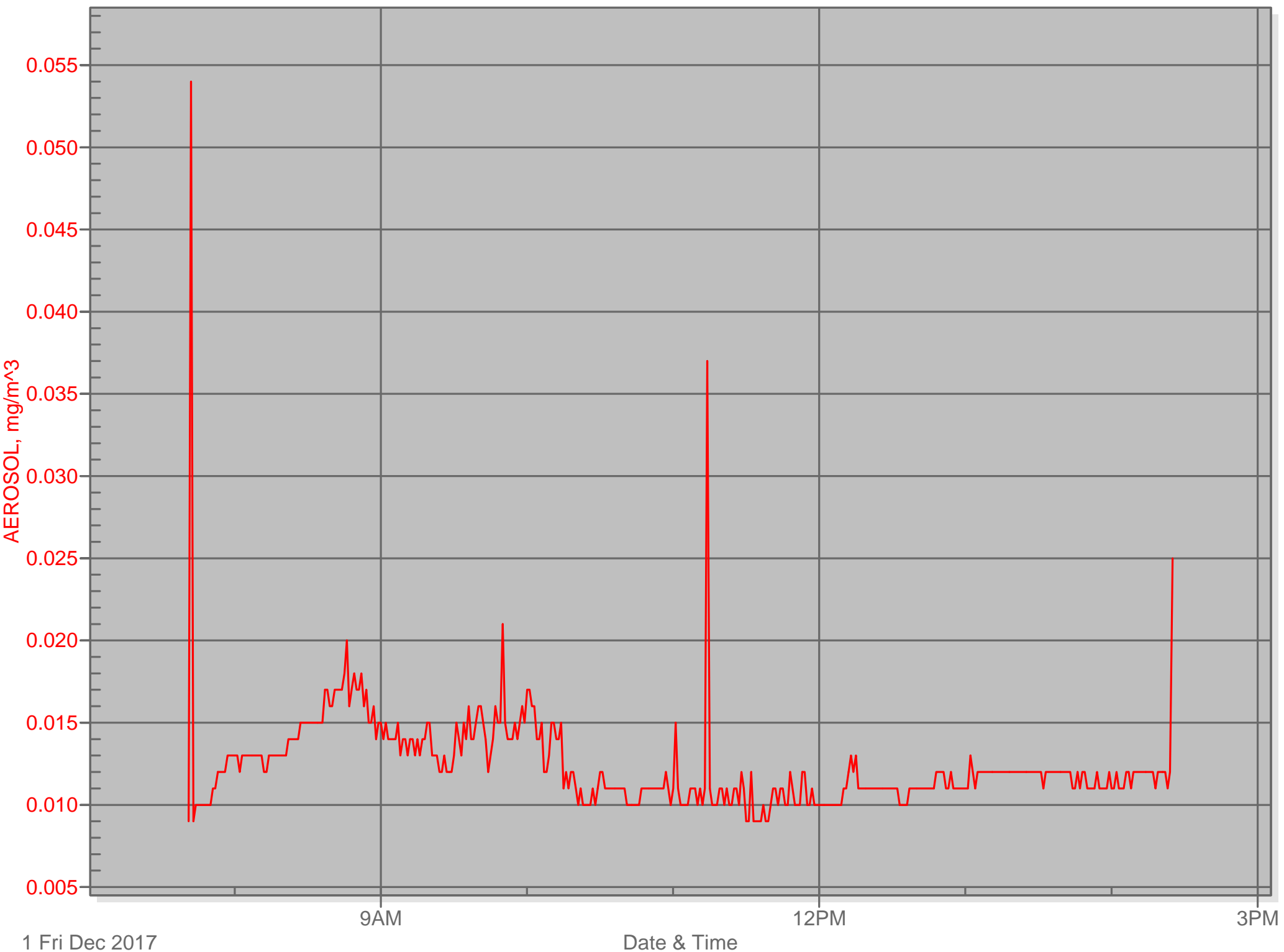
Test 032

Instrument		Data Properties	
Model	DustTrak II	Start Date	12/01/2017
Instrument S/N	8530141112	Start Time	07:40:03
		Stop Date	12/01/2017
		Stop Time	14:25:03
		Total Time	0:06:45:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.012 mg/m ³
Max	0.054 mg/m ³
Max Date	12/01/2017
Max Time	07:42:03
Min	0.009 mg/m ³
Min Date	12/01/2017
Min Time	07:41:03
TWA (8 hr)	0.010
TWA Start Date	12/01/2017
TWA Start Time	07:40:03
TWA End Time	14:25:03

129 Holden St

12-01-2017



ATTACHMENT 3

PHOTO LOG



Photographic Log

Client Name: Highland Park Village, LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 1	Date: 10/19/17		
Direction Photo Taken: NE			
Description: Typical TSI 8530 - Dust Trax II Aerosol Monitor, Perimeter Air Monitoring Unit.			

Photo No. 2	Date: 10/16/17	
Direction Photo Taken: North		
Description: Stripping of clean soils above demarcation fabric (Building #1 footprint).		



Photographic Log

Client Name: Highland Park Village, LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 3	Date: 10/16/17		
Direction Photo Taken: NE			
Description: Establishing clean soil stockpile.			

Photo No. 4	Date: 10/18/17	
Direction Photo Taken: South		
Description: Subgrade preparation at Building #1 footprint.		



Photographic Log

Client Name: Highland Park Village, LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 5	Date: 10/18/17		
Direction Photo Taken: North			
Description: Subbase preparation, Building #1 footprint.			

Photo No. 6	Date: 10/24/17	
Direction Photo Taken: North		
Description: Excavation for west wall footer, Building #1.		



Photographic Log

Client Name: Highland Park Village, LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 7	Date: 10/27/17		
Direction Photo Taken: NE			
Description: Elevation management area, northwest of Building #2 footprint.			

Photo No. 8	Date: 11/7/17	
Direction Photo Taken: SW		
Description: Outside of foundation wall (Building #1 east wall shown) backfilled with sub-demarcation soil/fill, from stockpile, to 2 feet below finished grade. Orange demarcation fabric placed prior to clean soils (cover system).		



Photographic Log

Client Name: Highland Park Village, LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 9	Date: 10/20/17		
Direction Photo Taken: East			
Description: Subgrade preparation for Building #3.			

Photo No. 10	Date: 10/23/17	
Direction Photo Taken: North		
Description: Subbase preparation for Building #3.		



Photographic Log

Client Name: Highland Park Village, LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 11	Date: 11/09/17		
Direction Photo Taken: East			
Description: Excavation for east wall footer, Building #3.			

Photo No. 12	Date: 11/01/17	
Direction Photo Taken: SE		
Description: Subgrade preparation, Building #2		



Photographic Log

Client Name: Highland Park Village, LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 13	Date: 11/29/17		
Direction Photo Taken: East			
Description: Excavation for north wall footer, Building #2.			

Nov 29, 2017 at 1:22:01 PM

Nov 29, 2017 at 1:22:01 PM

Photo No. 14	Date: 11/17/17	
Direction Photo Taken: NW		
Description: Establishment of stockpile area for soils excavated from below demarcation layer. Existing cover soils stripped to existing orange demarcation fabric prior to stockpiling soils.		

Nov 17, 2017 at 10:30:26 AM

Nov 17, 2017 at 10:30:26 AM



Photographic Log

Client Name: Highland Park Village, LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 15	Date: 11/15/17	 <p>Nov 15, 2017 at 12:24:34 PM</p>	
Direction Photo Taken: NE			
Description: Stormwater manhole and tie-in to utility within Holden Street (off-Site).			

Photo No. 16	Date: 11/15/17	 <p>Nov 15, 2017 at 3:14:41 PM</p>
Direction Photo Taken: West		
Description: Stormwater piping trench with orange demarcation fabric being installed prior to placement of clean pipe bedding and pipe.		



Photographic Log

Client Name: Highland Park Village, LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 17	Date: 11/16/17	 <div data-bbox="1485 409 1518 808" style="writing-mode: vertical-rl; transform: rotate(180deg);">Nov 16, 2017 at 12:04:23 PM</div>	
Direction Photo Taken: NE			
Description: Bedrock encountered at Stormwater manhole location.			

Photo No. 18	Date: 11/17/17	
Direction Photo Taken: South		
Description: Beginning of excavation for underground stormwater retention structure.		



Photographic Log

Client Name: Highland Park Village, LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 19	Date: 11/27/17		
Direction Photo Taken: SW			
Description: Orange demarcation fabric installed at base of underground stormwater retention structure area.			

Photo No. 20	Date: 11/28/17
Direction Photo Taken: West	
Description: Construction of underground stormwater retention structure.	





Photographic Log

Client Name: Highland Park Village, LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 21	Date: 11/22/17	 <p>Nov 22, 2017 at 8:04:30 AM</p>	
Direction Photo Taken: East			
Description: Excavation for sanitary sewer manholes and piping. Orange demarcation fabric installed beneath structures and piping.			

Photo No. 22	Date: 11/30/17	
Direction Photo Taken: SW		
Description: Installation of 10 mil poly vapor barrier for beneath concrete slab. Building #1 shown.		



Photographic Log

Client Name: Highland Park Village, LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 23	Date: 12/06/17	 <p>Dec 6, 2017 at 8:50:16 AM</p>	
Direction Photo Taken: East			
Description: Box out of future asphalt roadway. Woven geotextile and imported crushed stone being installed.			

ATTACHMENT 4

LETTER FROM QUARRY



10-18-17

Christopher Tobin
400 Hinman Rd.
Lockport, NY 14094
716-289-7970 (cell)
716-434-9161 (office)

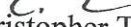
Re: LP Ciminelli Job

To Whom It May Concern:

This letter is to confirm that all the material being provided out of our Lockport Quarry to the above stated project is virgin material, and is from an approved DOT & DEC source. Our DOT source number is 5-5R, and our most recent DOT source test is 17AR31..

Please feel free to contact me at the number above with any questions and I would be happy to assist in any way possible. Thank you.

Regards,


Christopher Tobin
Quality Control



APPENDIX E

IC/EC CERTIFICATION FORM



Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form



	Site Details	Box 1
Site No. C915261		
Site Name 129 Holden Street Redevelopment		
Site Address: 129 Holden Street Zip Code: 14214		
City/Town: Buffalo		
County: Erie		
Site Acreage: 27.1		
Reporting Period: February 18, 2017 to February 18, 2018		
		YES NO
1. Is the information above correct?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

	Box 2
	YES NO
6. Is the current site use consistent with the use(s) listed below? Restricted-Residential, Commercial, and Industrial	<input checked="" type="checkbox"/> <input type="checkbox"/>
7. Are all ICs/ECs in place and functioning as designed?	<input checked="" type="checkbox"/> <input type="checkbox"/>

**IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and
DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

Box 2A

YES NO

8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?

☐☒

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid?
(The Qualitative Exposure Assessment must be certified every five years)

☒☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C915261**Box 3****Description of Institutional Controls**Parcel**90.29-2-43.1**Owner

Highland Park Village, LLC

Institutional Control

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Site Management Plan

- i) Prohibition of groundwater use.
- ii) Land use restrictions.
- iii) Implementation of the Site Management Plan

Box 4**Description of Engineering Controls**Parcel**90.29-2-43.1**Engineering Control

Cover System

- i) Maintenance of the Cover System.

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

- a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;
- b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and complete.

YES NO

☒ ☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

- (a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;
- (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;
- (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;
- (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and
- (e) If a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES NO

☒ ☐

**IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and
DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. C915261

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1, 2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I John Cimmine/lli at 2421 MAIN ST BUFFALO NY
print name print business address 14214

am certifying as John Cimmine/lli Vice Pres. (Owner or Remedial Party)
HIGHLAND PARK Village LLC.

for the Site named in the Site Details Section of this form.

[Signature]
Signature of Owner, Remedial Party, or Designated Representative
Rendering Certification

3/6/2018
Date

IC/EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

BART A. KLETTEKE at 306 PEARL STREET, BUFFALO, NY 14202
print name print business address

am certifying as a Qualified Environmental Professional for the HIGHLAND PARK VILLAGE, LLC
(Remedial Party)

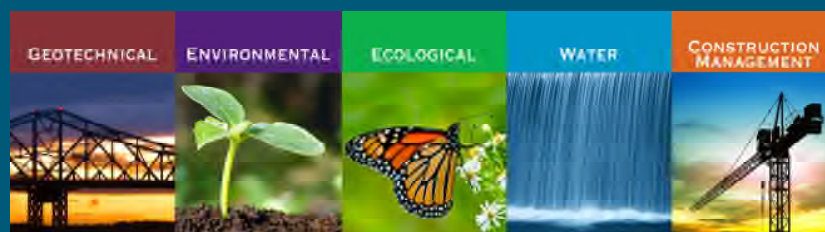


Bart A. Kletteke

Signature of Qualified Environmental Professional, for
the Owner or Remedial Party, Rendering Certification

(Required for PE)

3-6-18
Date



GZA GeoEnvironmental, Inc.