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2020 PERIODIC REVIEW REPORT 129 HOLDEN STREET REDEVELOPMENT BUFFALO, NEW YORK BROWNFIELD CLEANUP PROGRAM Site Number C915261

March 18, 2020

GZA 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 18, 2020
File No. 21.0056642.30

Ms. Megan Kuczka
New York State Department of Environmental Conservation
Division of Environmental Remediation
270 Michigan Avenue
Buffalo, New York 14203
email: megan.kuczka@dec.ny.gov

Re: 2020 Periodic Review Report
129 Holden Street Redevelopment
Buffalo, New York
Brownfield Cleanup Program Site (Number C915261)

Dear Ms. Kuczka:

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 fourth 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 the Departments' reminder notice letter dated January 27, 2020.

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)
April Bradley (Highland Park Village LLC)
Jaspal Walia (NYSDEC Region 9)
Brad Packard (Belmont Housing Resources for WNY, Inc.)



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FIGURE 1 SITE LOCATION MAP

FIGURE 2 SITE PLAN WITH PHOTO LOCATIONS

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ATTACHMENT III	PHOTOGRAPH LOG
ATTACHMENT IV	IC/EC CERTIFICATION FORM



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 determined to be not 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.

The first phase of Site redevelopment began in October 2017 and included construction of three multi-unit townhomes. GZA was hired by Highland to assist with implementation of the SMP including community air monitoring, soil screening and documentation of site disturbance activities. Phase I of site redevelopment was completed in 2018. A progress report containing the details of SMP monitoring conducted during the earth disturbance stage of the Phase I redevelopment was provided to NYSDEC on January 22, 2018. A copy of that detailed progress report was included as an appendix in the 2018 PRR.



During the PRR reporting period the 2.19-acre northwestern portion of the 27.09-acre Holden Street Site, that is owned by Elim Townhomes Housing Development Fund Company, Inc. (Elim), completed the construction of the Elim affordable housing redevelopment. GZA, under contract to Belmont Housing Resources for WNY, Inc. (Belmont), in cooperation with Elim, provided environmental monitoring services during the earth moving construction phase of the redevelopment to assist the owner with compliance with the SMP. GZA prepared a summary report documenting compliance with the SMP. That report was submitted to NYSDEC on January 20, 2020. The Progress Report for work performed for the Elim development is provided in **Attachment I**.

1.2 EFFECTIVENESS OF THE REMEDIAL PROGRAM

Based upon our PRR inspection conducted on February 3, 2020 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. Where construction activities were conducted during the reporting period the cover system was managed appropriately. 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 impact, 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 first phase of Site redevelopment of the new Highland Park neighborhood was completed in 2018, in much of the northwestern corner of the Site.

From January 3, 2019 to October 2, 2019 Elim completed earth disturbance work as part of the redevelopment of their 2.19-acre portion of the Site. GZA provided environmental consultation and monitoring services to Belmont (for Elim) during these operations and provided a final summary report of the Elim work to NYSDEC on January 20, 2020. No other disturbance of the Site cover system, outside of the Elim parcel, took place during the reporting period.



3.0 EVALUATION OF REMEDY PERFORMANCE, EFFECTIVENESS, AND PROTECTIVENESS

GZA performed a Site Inspection during the reporting period on February 3, 2020. The completed Site Inspection Form is provided in **Attachment II**. A photo log is provided in **Attachment III** and a map showing the location and orientation of the Site photos is provided as **Figure 2**. The Northwesternmost 2.19 acres of the site was redeveloped by Elim. Work included installation of sanitary and storm sewer utilities and slab on grade foundations for five new affordable housing residential buildings. A detailed Progress Report was submitted to NYSDEC on January 20, 2020 after construction operations involving disturbance of the Site cover system were completed. The required cover system was maintained per the SMP during the Elim work was observed to be providing complete coverage of the Site at completion. 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.

On-Site redevelopment construction activity has progressed in phases with two phases now complete. Most of the remaining acreage of the Site remains vacant and available for subsequent phase of redevelopment. GZA provided on-Site Qualified Environmental Professional (QEP) services during the two construction phases in which the site cover system was altered. Progress reports were prepared by GZA upon completion of each phase of redevelopment. The January 20, 2020 progress report (Attachment I) details the relevant observations and monitoring conducted during the work period.

Based on observations made during GZA's field oversight and Site inspections during this reporting period, Elim, and therefore Highland, is complying with provisions of the SMP relative to IC/ECs. Although not a required EC, access to undeveloped portions of the Site are bounded with a perimeter chain-link fence with locked gates to discourage access to those areas of the Site.



At two locations along the Site perimeter, solid waste debris including construction supplies and household items were observed, see photos #6, #7, and #11 in **Attachment III**. The presence of these areas of waste dumping was discussed with a representative of Highland. Highland informed GZA that the identified waste will be removed during the upcoming summer.

4.2 IC/EC CERTIFICATION

A blank Site-specific IC/EC Certification Form, for reporting period of February 18, 2019 to February 18, 2020, was provided to Highland as an attachment to the January 27, 2020 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 **Attachment IV** of this PRR.

5.0 PRR CONCLUSIONS AND RECOMMENDATIONS

5.1 PRR CONCLUSIONS

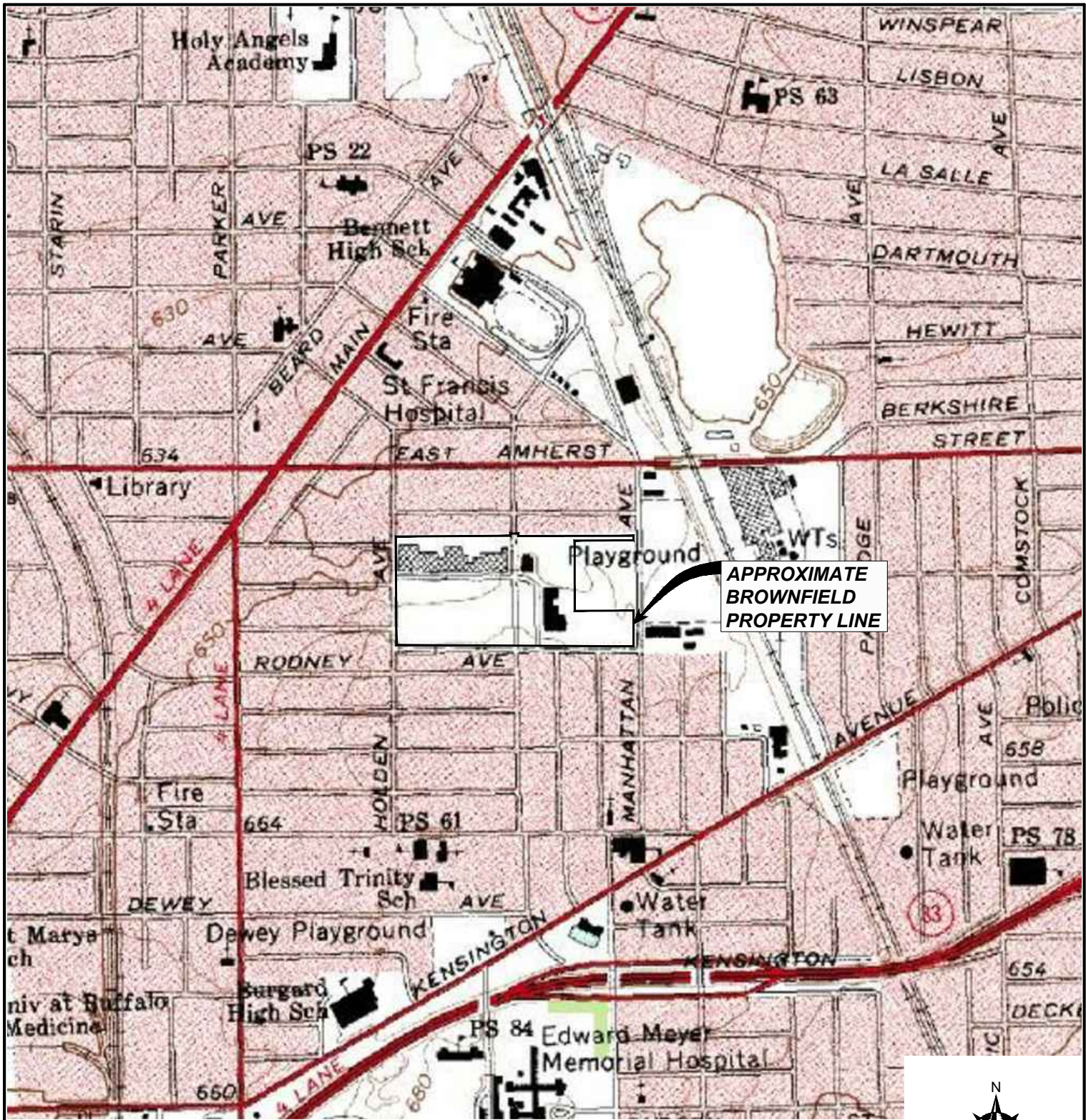
GZA identified no evidence of significant non-compliance with the SMP, just one minor issue (debris dumping) which will be address by the owner. The IC/ECs remain in place and are performing as intended and there are no active remedial systems requiring operation, monitoring, or maintenance.

5.2 PRR RECOMMENDATIONS

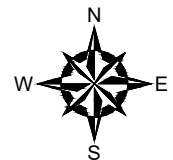
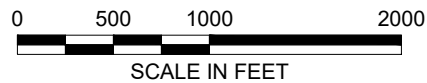
GZA and Highland recommend no changes to the SMP nor to the frequency of site inspections and PRR submittals. Implementation of the SMP, including the Excavation Work Plan and maintenance of the Site cover system will continue as Site redevelopment construction continues for the planned and NYSDEC-approved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



FIGURES



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



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PREPARED BY:
 **GZA GeoEnvironmental of N.Y.**
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(716) 685-2300

PREPARED FOR:
**LPCiminelli
INCORPORATED**

PROJ MGR: TB
DESIGNED BY: TB

REVIEWED BY: JJR
DRAWN BY: MDK

CHECKED BY: BAK
SCALE: AS SHOWN

DATE
MARCH 2020

PROJECT NO.
21.0056642.30

REVISION NO.

129 HOLDEN STREET
BUFFALO, NEW YORK
BROWNFIELD CLEANUP PROGRAM
C915261
PERIODIC REVIEW REPORT
LOCUS PLAN

FIGURE

1



©2019 - GZA GeoEnvironmental of N.Y. G24-V\PROJECTS\66600\66602.1 129 Holden Street - Periodic Review Report\Figure 3 Site Plan - 2020.dwg [Figure 3 Site Plan] March 12, 2020 - 3:32pm daniel.wulf

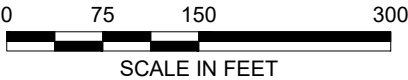
NOTES:

- 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.

LEGEND:



APPROXIMATE LOCATION AND ORIENTATION OF INSPECTION PHOTOGRAPHS TAKEN ON 02-03-2020 (SEE APPENDIX A)



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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) 885-2300		PREPARED FOR: LPCiminelli INCORPORATED	
PROJ MGR:	TB	REVIEWED BY:	JJR
DESIGNED BY:	TB	DRAWN BY:	MDK
DATE	MARCH 2020	PROJECT NO.	21.0056642.30
		CHECKED BY:	BAK
		SCALE:	AS SHOWN
		REVISION NO.	
FIGURE			2



ATTACHMENT I

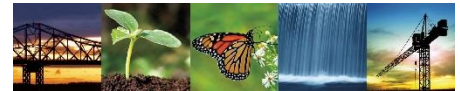
January 20, 2020 Progress Report



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VIA EMAIL

January 20, 2020
File: 21.0056884.00

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
Elim Townhomes LLC Site - a portion of the 129 Holden Street Site
Buffalo, New York (BCP Site C915261)

On behalf of Elim Townhomes LLC (Elim) and Belmont Housing Resources for WNY, Inc. (Belmont), GZA GeoEnvironmental of New York (GZA) provides to the New York State Department of Environmental Conservation (NYSDEC) this site redevelopment progress report for the Elim Townhomes LLC Project (Elim Project), a portion of the 129 Holden Street Brownfield Cleanup Program (BCP) site. This report pertains to recent ground disturbance activities related to the Site redevelopment.

DESCRIPTION OF WORK:

On December 14, 2018 Elim purchased 2.19 acres of the 27.09-acre 129 Holden Street site from Highland Park Village, LLC for the construction of five buildings, each containing six affordable housing units. **Figure 1** provides a conceptual redevelopment Plan of the project. The construction included the 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 several underground utilities.

Belmont 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 (submitted on December 12, 2018);
- Field observation, soil screening, and documentation of intrusive and construction work relating to the site cover system;
- Preparation of submittals for imported stone and topsoil;
- Community air monitoring of airborne particulates 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 conducted prior to site remediation 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:

Elim’s contractor CSS Construction (CSS) began field work on January 3, 2019. GZA monitored construction work that involved disturbance and/or changes to the site cover system, including the following tasks:

- Removal and stockpiling of clean cover soils for later replacement;
- Excavation and placement of building foundation footers;
- Excavation for site grade adjustment; and
- Placement of various buried utilities.

Figure 1 illustrates the approximate locations of the above-listed features constructed. **Attachment 1** provides copies of the Daily Field Reports which document the construction and monitoring work performed each day along with the associated air monitoring data collected. **Attachment 2** provides a log of representative photos of site conditions and work progress. **Attachment 3** provides copies of the imported soil and stone material submittals to NYSDEC and related approval emails.

IMPLEMENTATION OF THE SMP:

GZA observed and documented several aspects of the construction work for compliance with the 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 downwind of the work site. The dust monitoring was performed each non-rainy day the contractor was conducting earth movement. A visual



assessment for fugitive dust migration also was performed during work activities involving earth disturbance. On five days during the monitoring period, weather conditions were rainy and/or site conditions were saturated, thus airborne dust generation was not possible nor electronically monitored. These days were January 9, 2019, April 4, 2019, May 7, 2019, June 13, 2019 and October 13, 2019.

A downwind dust action level of 0.100 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 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 0.100 mg/m^3 action level. No readings of airborne dust were recorded as exceeding the 0.100 mg/m^3 action level for a sustained 15-minute time period on site.

Daily results of the downwind dust monitoring are attached to the Daily Field Reports provided in **Attachment 1**.

Soil Screening:

GZA conducted monitoring and field screening during excavation of soil/fill material from below the demarcation layer, per the procedures in the EWP. A hand-held photo-ionization detector (PID) with a 10.6 electron volt (eV) bulb (MiniRAE 3000) was used to monitor active excavations of the disturbed soil/fill beneath the demarcation layer. No PID readings above site background concentrations were encountered during the work. GZA observed no other evidence of contamination including odor, liquid products, oily sheen, homogenous ash-like material. 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.

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:

Elim's contractor, CSS, obtained crushed rock for use as excavation backfill and pavement subbase. The source of the rock was a quarry owned by New Enterprise Stone & Lime Co. Inc. **Attachment 3** provides a letter from the quarry stating that the source is virgin rock from a NYSDEC-approved source.

CSS obtained topsoil from a property owned by Visone Construction Co., located in the Town of Clarence, NY, see **Attachment 3**. GZA collected samples of the topsoil to be characterized and analyzed for VOCs, SVOCs, PCBs, Pesticides, Metals, 1,4-dioxane and the NYSDEC list of the 21 PFAS compounds. The samples were submitted and analyzed at Alpha Analytical of Massachusetts. Sample results indicated either non-detect concentrations, or concentrations well below the NYSDEC restricted residential Soil Cleanup Objectives (SCOs). **Attachment 3** provides the analytical results and the NYSDEC letter of approval to import and use the subject soil.

CSS was permitted by Highland to reuse clean soil from the stockpile of pre-approved clean soil that is located directly south of the Elim Site. Soils excavated below the demarcation layer were piled directly south of the Elim Site, on the 129 Holden Street Site, and covered with weighted tarps.



January 20, 2020

Progress Report

Elim Townhomes LLC Site - 129 Holden Street BCP Site, Buffalo, NY

Page | 4

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

A handwritten signature in blue ink that reads 'Dan Troy'.

Daniel J. Troy, P.E., LEED AP
Consultant Reviewer

Attachments:

- | | |
|--------------|---|
| Figure 1 | Conceptual Master Plan |
| Attachment 1 | Daily Field Summary Reports with CAMP Air Results |
| Attachment 2 | Photo Log |
| Attachment 3 | Imported Material Submittals and Approvals |

Cc: Chad Staniszewski (NYSDEC)
Brad Packard (Belmont)
John Ciminelli (Highland Park Village LLC)



PROPOSED ELIM CDC LIHTC TOWNHOUSE DEVELOPMENT
30 UNITS
APPROXIMATELY 2.19 ACRES



HIGHLAND PARK
CONCEPTUAL MASTER PLAN
SEPTEMBER 2016

Figure 1 



ATTACHMENT 1

Daily Field Summaries and CAMP Air Monitoring Data

DAILY FIELD SUMMARY FORM

DATE: 1/3 2019

FILE No. 21.0056884.00

REPORT No. 19- 1

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: Cloudy

Temp Range: 32 to °F

Wind Speed: 15-20 mph

Wind Direction: West

Time GZA Arrived on Site: 0740

Site Conditions: DRY

Contractors on Site:

- GZA Personnel On-Site: Pete Nyzhyk
- GZA's Equipment On-Site: Dust TRAC
Mini RAE3000

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)

- Viscone Co. preps site for excavation of building foundations.
- Poly laid down in soil staging area for contaminated excavated soils. (SE of site Boundary)
- Viscone Co. marks area of excavation for Bldg 10 footer walls + Foundation
- Viscone Co. begins excavation of footer walls/foundation for Bldg 10. Excavated depths ~4-4.5' bgs
- GZA Set up Dust TRAC monitor down wind (E) of excavation
- GZA during excavation activities monitors ambient air up + down wind of excavation area
↳ No elevated reading - 0.0 ppm up + down wind → No elevated dust levels reported.
< 150 µg/m³
- Excavated soil (including 2' clean cover) was staged on poly

Photos taken: Yes, 2

Time GZA left Site: 1600

Prepared by: Pete Nyzhyk

Reviewed by: J. Richert

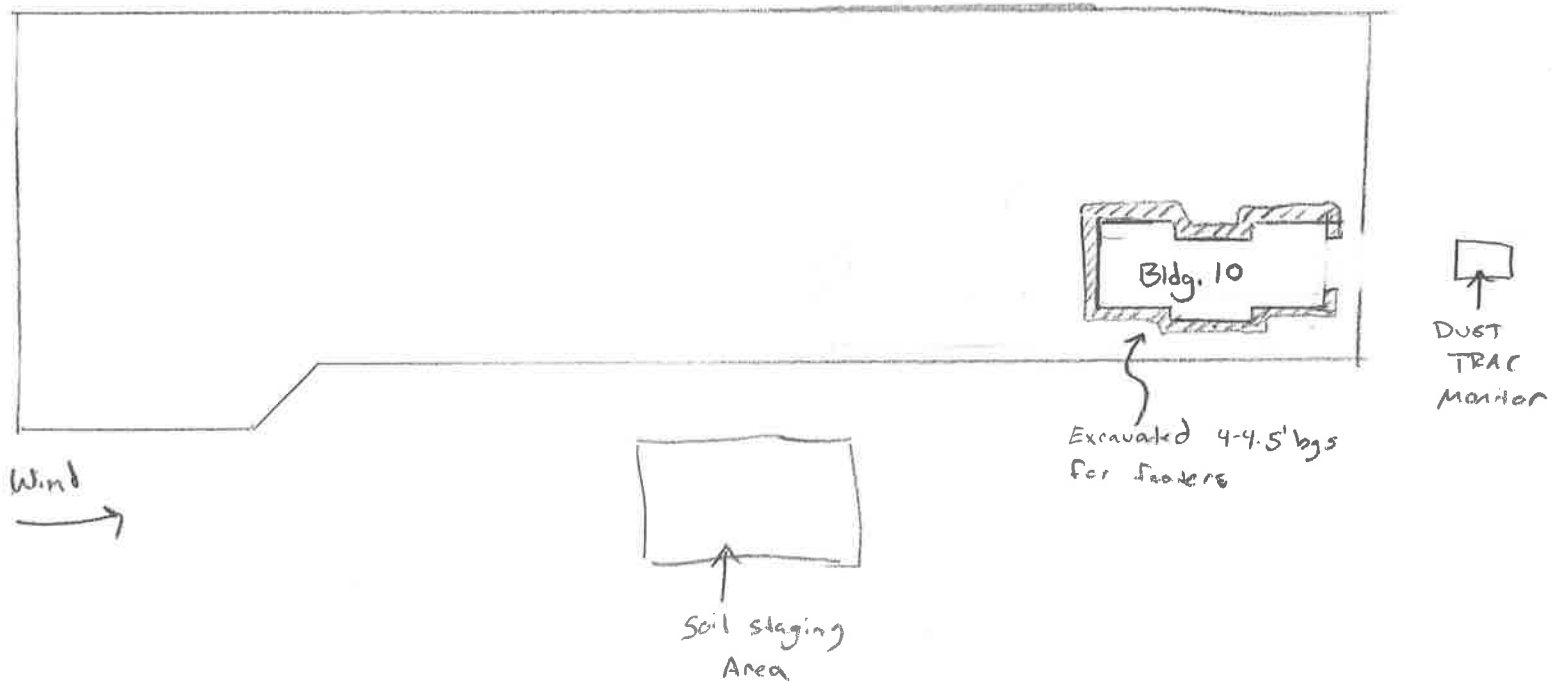
DAILY FIELD SUMMARY FORM

DATE: 1/3 2019

FILE No. 21.0056884.00

REPORT No. 19-1

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



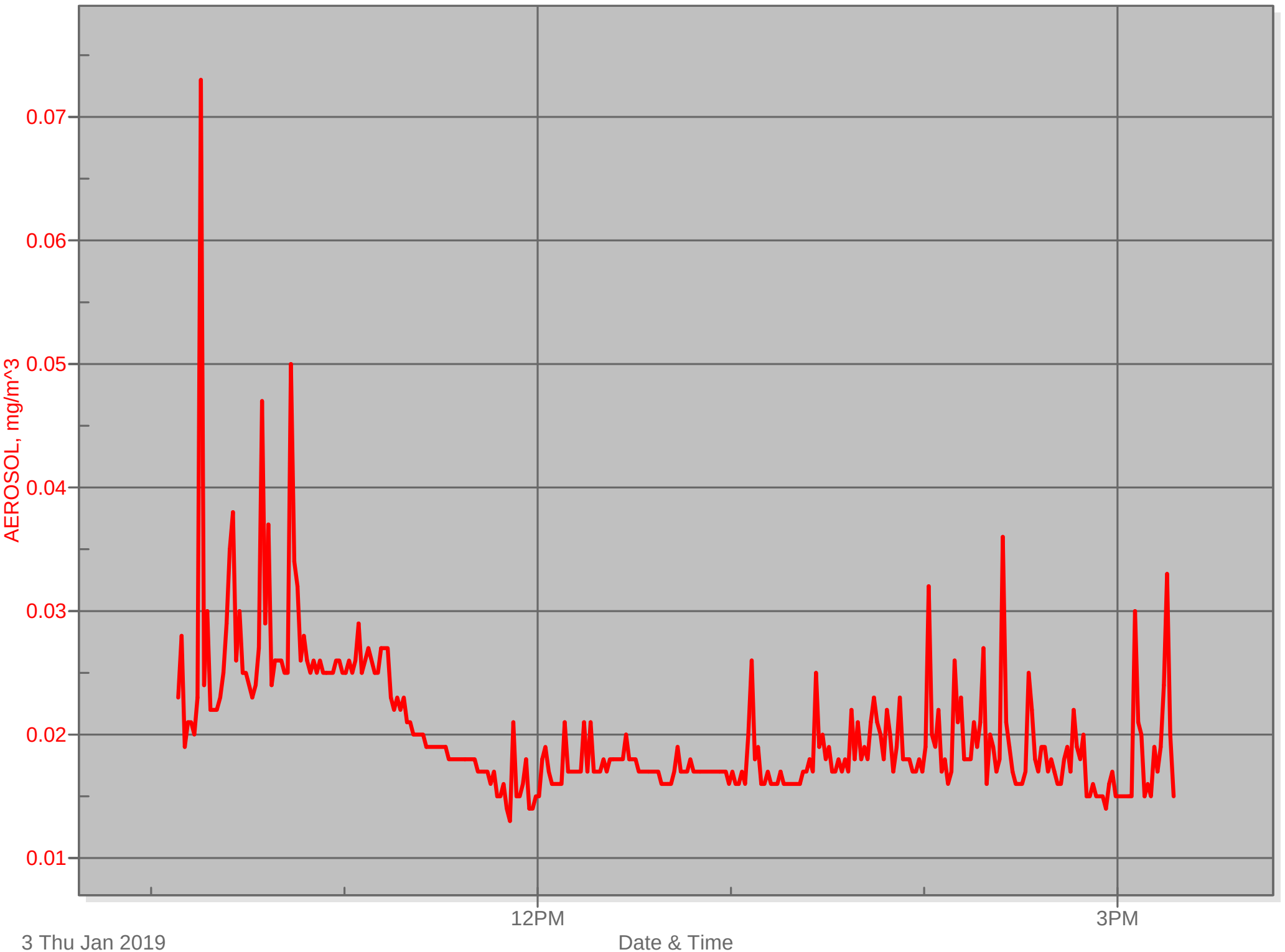
Test 001

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/03/2019
Instrument S/N	8530162808	Start Time	10:07:25
		Stop Date	01/03/2019
		Stop Time	15:17:25
		Total Time	0:05:10:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.020 mg/m ³
Max	0.073 mg/m ³
Max Date	01/03/2019
Max Time	10:15:25
Min	0.013 mg/m ³
Min Date	01/03/2019
Min Time	11:51:25
TWA (8 hr)	0.013
TWA Start Date	01/03/2019
TWA Start Time	10:07:25
TWA End Time	15:17:25

Elim Town Homes

01-03-2019



DAILY FIELD SUMMARY FORM

DATE: 1/9 2019

FILE No. 21.0056884.00

REPORT No. 19-2

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: Breezy + overcast Temp Range: 33 to 32 °F
Time GZA Arrived on Site: 0740 Wind Speed: 15 mph
Wind Direction: WNW

Site Conditions: Wet from rain last night

Contractors on Site: VISON

- GZA Personnel On-Site: Jim Richey
- GZA's Equipment On-Site: - OVM
- CAMP STATION + TRIPODE

Name of NYSDEC Representative(s) on Site: N/A

Time of arrival/Time of departure: 1

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

VISON excavated for the easternmost Building "A" footer. Total length of 15' w/ width of 5' depth of 4'. GZA monitored for VOA's using MINIRAY 3000 PID. No readings in air or from soil above (0) zero. Dust monitored visually only because site is very wet with standing water due to rain last night. Excavated soil was placed on "dirty" soil pile on high back side of site

Photos taken: yes - 4 see sketch and photos

Time GZA left Site: 0840

Prepared by: Jim Richey

Reviewed by: Pete Nymk

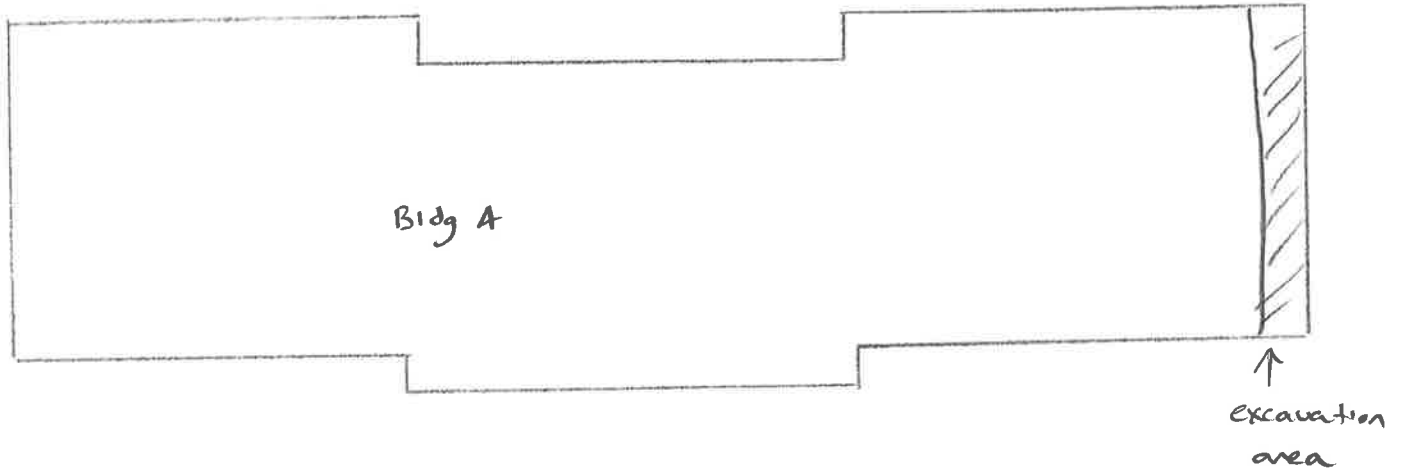
DAILY FIELD SUMMARY FORM

DATE: 1-9 2019

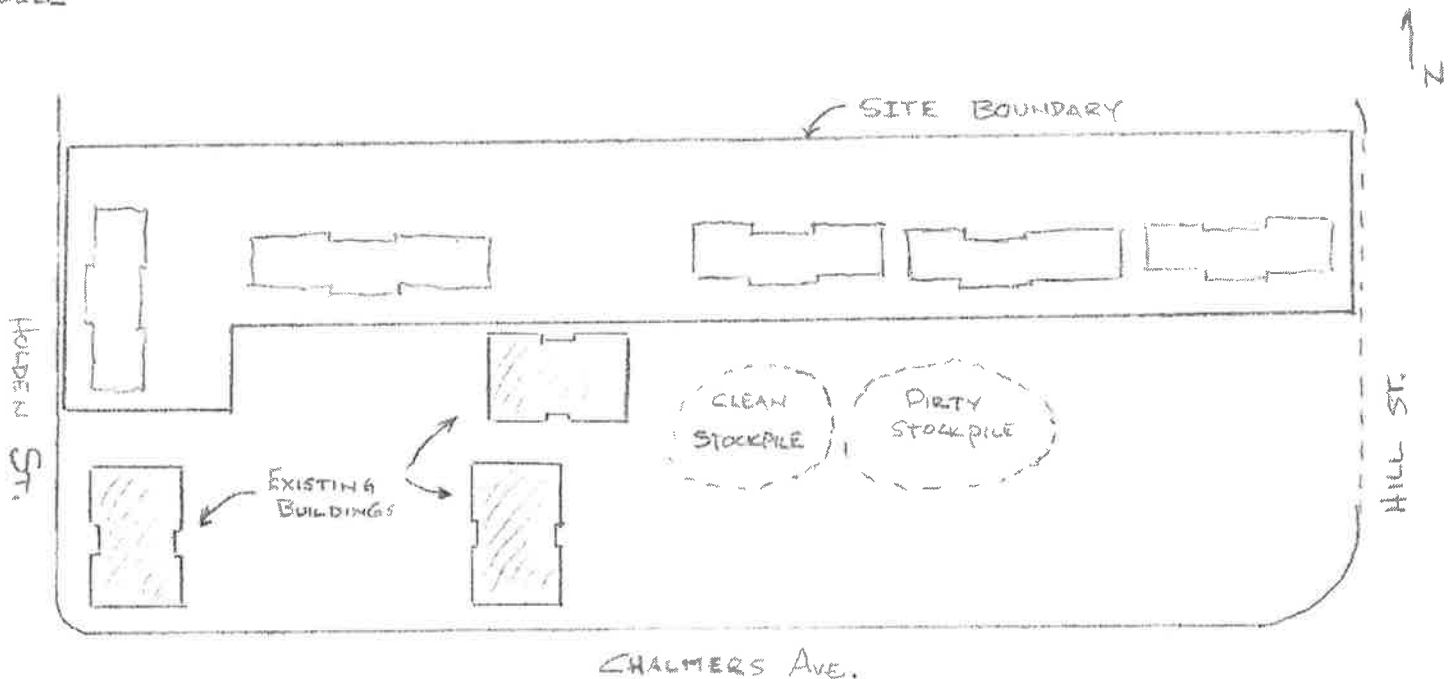
FILE No. 21.0056884.00

REPORT No. 19- 2

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



Not to
SCALE



DAILY FIELD SUMMARY FORM

DATE: 1-10-2019

FILE No. 21.0056884.00

REPORT No. 19-3

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: Cloudy w/snow

Temp Range: 20 to 25 °F

Wind Speed: 10-20 mph

Wind Direction: N-NW

Time GZA Arrived on Site: 7:45

Site Conditions: Snow cover w/some mud

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyznyk
- GZA's Equipment On-Site: MIRAGE 3000 PID meter
DUST TRAC

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

N/A

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone begins excavation for concrete footers for Building "B".
 - Viscone excavates E-W for building foundation footers. Viscone excavated ~4-4.5' bgs.
 - GZA set up Dust Trac prior to excavation activities. During excavation no elevated levels were observed/reported
 - Periodically GZA screened up/down wind of excavation w/PID → no elevated levels were observed/reported
 - All soils were stock piled as "dirty" on top of poly south of excavation area.
 - Soils were observed were 0"-2' bgs of clean SAND as cap cover on-top of urban fill → medium-coarse sand, some silt, gravel, cobbles, w/ brick, concrete, glass, asphalt, cinders.
 - Joe Marcello + DN discussed 22' of clean cap cover in sections of
- Photos taken: excavation trench, see log book for details.

Yes: 5

Time GZA left Site: 1530

Prepared by: Pete Nyznyk

Reviewed by: J. Richert

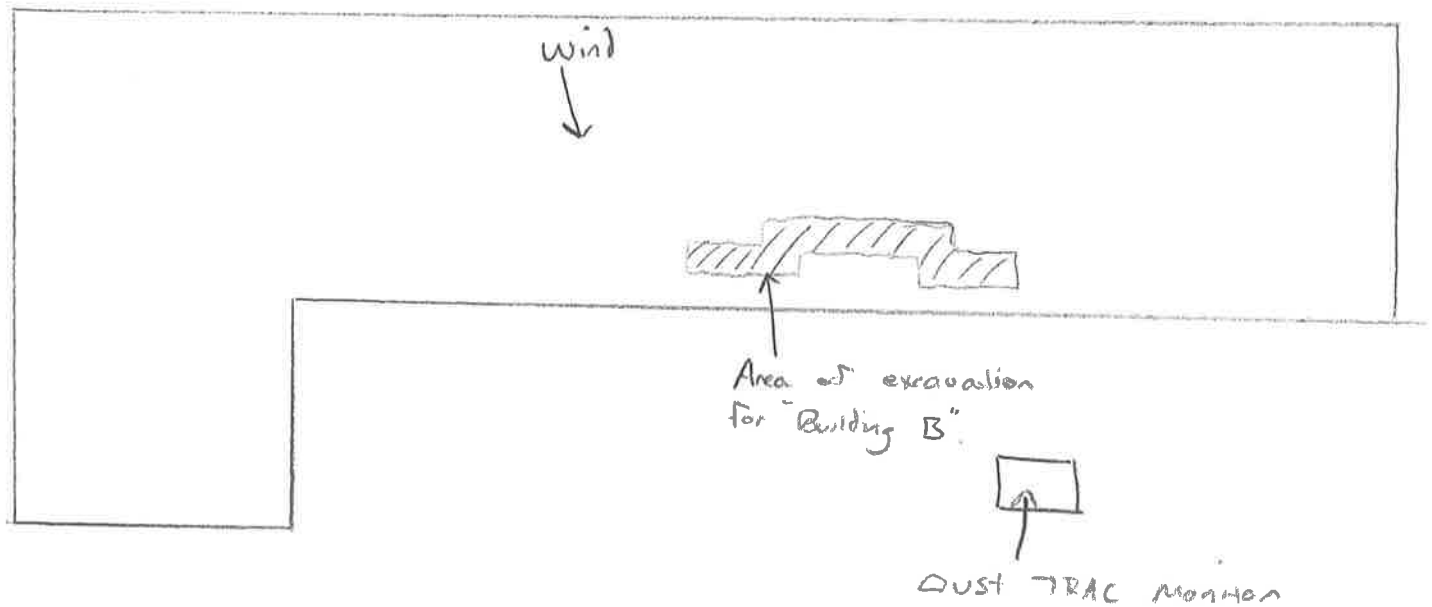
DAILY FIELD SUMMARY FORM

DATE: 1-10 2019

FILE No. 21.0056884.00

REPORT No. 19-3

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



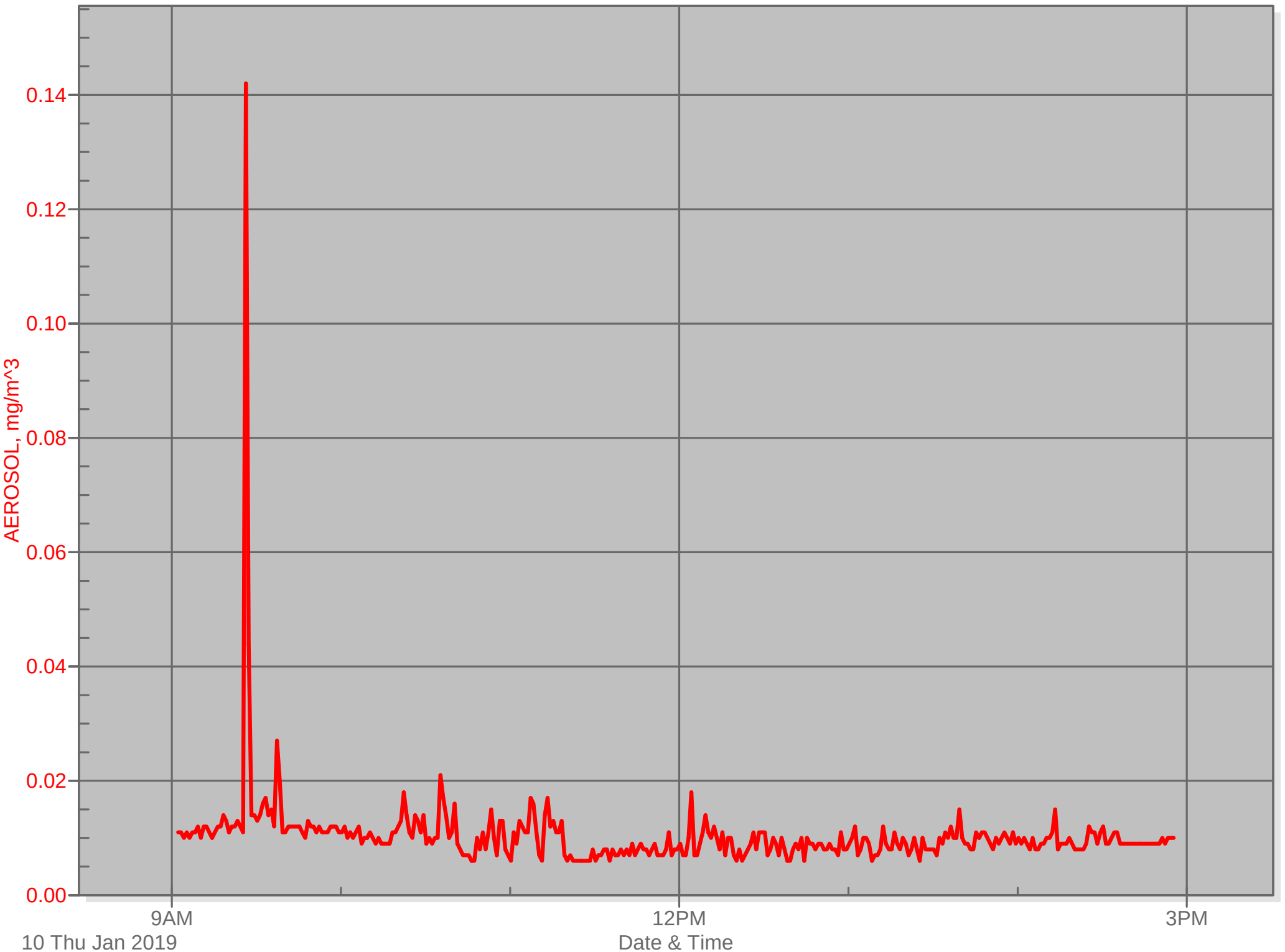
Test 002

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/10/2019
Instrument S/N	8530162808	Start Time	09:01:18
		Stop Date	01/10/2019
		Stop Time	14:55:18
		Total Time	0:05:54:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.010 mg/m ³
Max	0.142 mg/m ³
Max Date	01/10/2019
Max Time	09:26:18
Min	0.006 mg/m ³
Min Date	01/10/2019
Min Time	10:46:18
TWA (8 hr)	0.008
TWA Start Date	01/10/2019
TWA Start Time	09:01:18
TWA End Time	14:55:18

Elim Town Homes

01-10-2019



DAILY FIELD SUMMARY FORM

DATE: 1-11-2019

FILE No. 21.0056884.00

REPORT No. 19-4

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 13° Partly cloudy

Temp Range: 13 to 20 °F

Wind Speed: 10-15 mph

Time GZA Arrived on Site: 7:40

Wind Direction: NW

Site Conditions: SNOW COVER

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Myrnyk
- GZA's Equipment On-Site: 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)

- Viscone resumes excavation for Building B footers.
- Viscone excavated Eastern/Norther/Western portion of Building B foundation
 - ↳ excavating S-N in Eastern portion, E-W in northern portion, N-S in western portion. Depths excavated are 4-4.5'
- GZA set up Dust TRAC monitors for CAMP monitoring
 - ↳ During excavation no elevated levels observed/reported
- GZA screen up/down wind at excavation with a PDS meter. Monitoring was periodically screened during excavation → No elevated levels observed/reported 0.0ppm.
- Soils were segregated separately as clean (0-2' bgs clean cover)-2-4.5' dirty (urban fill)
- Dirty soil was staged on poly.
- Soils observed were 0-2' bgs of clean cover SAND, 2'-4.5' bgs soils observed were urban fill → med → coarse SAND, some silt, gravel, cobbles, brick, glass asphalt, concrete, cinders.

Photos taken:

Yes

Time GZA left Site: 1530

• Some areas of excavation trench fill layer on top of clean cover material was observed. Some areas no clean cover material was observed. See sketch and photos.

Prepared by: Pete Myrnyk

Reviewed by: J. Rickert

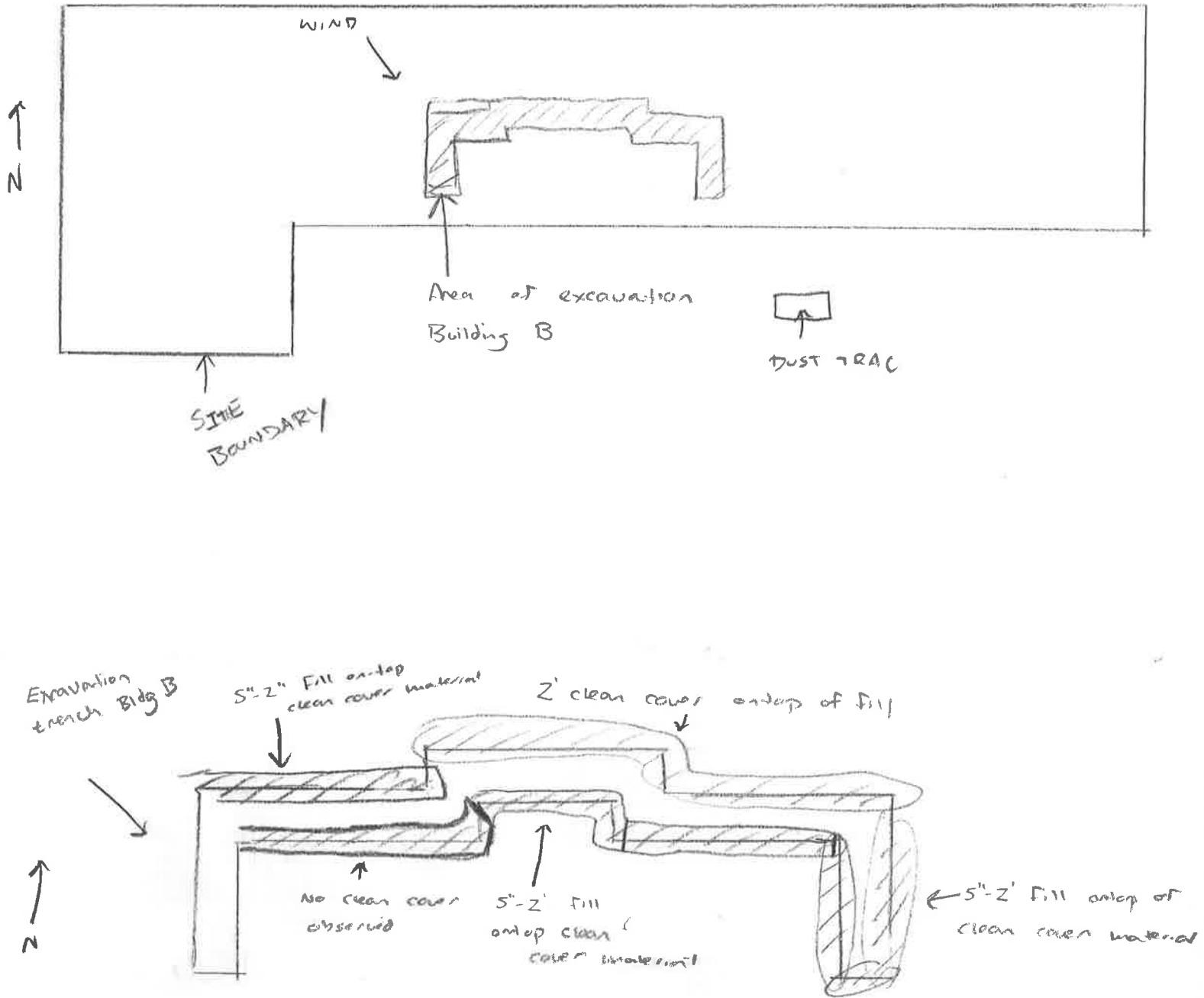
DAILY FIELD SUMMARY FORM

DATE: 1-11-2019

FILE No. 21.0056884.00

REPORT No. 19-4

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



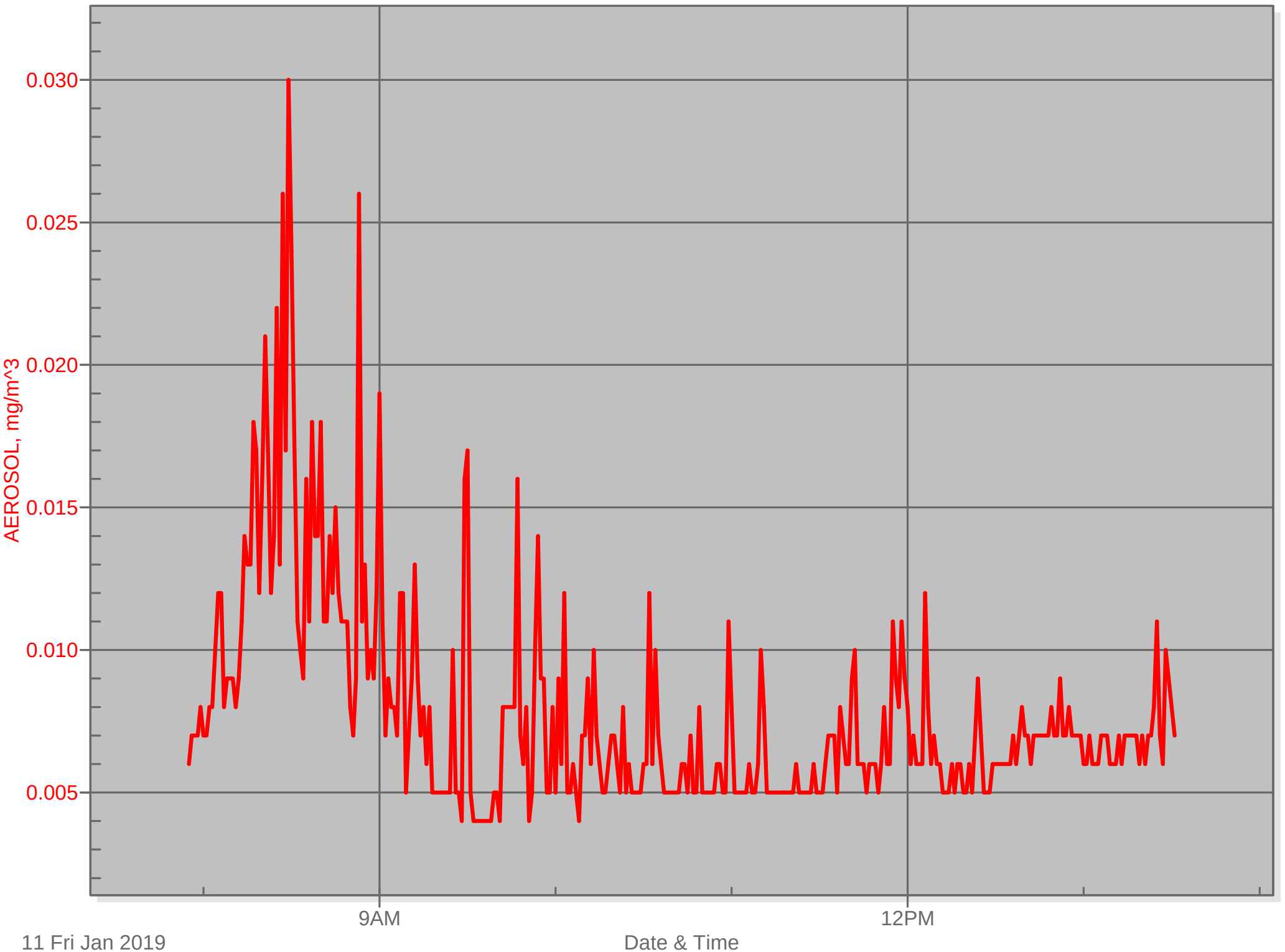
Test 003

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/11/2019
Instrument S/N	8530162808	Start Time	07:54:00
		Stop Date	01/11/2019
		Stop Time	13:31:00
		Total Time	0:05:37:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.008 mg/m ³
Max	0.030 mg/m ³
Max Date	01/11/2019
Max Time	08:29:00
Min	0.004 mg/m ³
Min Date	01/11/2019
Min Time	09:28:00
TWA (8 hr)	0.005
TWA Start Date	01/11/2019
TWA Start Time	07:54:00
TWA End Time	13:31:00

Elim Town Homes

01-11-2019



DAILY FIELD SUMMARY FORM

DATE: 1-14 2019

FILE No. 21.0056884.00

REPORT No. 19- 5

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 25°F, sunny,

Temp Range: 25 to 27 °F

Wind Speed: 0-5 mph

Wind Direction: NE

Time GZA Arrived on Site: 1045

Site Conditions: Dry, little snow cover

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nympha
- GZA's Equipment On-Site: Dust Trak
Mini RAE 3000

Name of NYSDEC Representative(s) on Site: N/A

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone begins to backfill excavation trench of Bldg A w/1/2 stone.
↳ Viscone only backfilled trench inside of footer foundation. See sketch.
- Prior to backfilling activities GZA set up a Dust Trak monitor for camp air monitoring → No elevated readings were observed or reported.
- GZA monitored ambient air up & down wind of backfill area w/RED → No elevated readings were observed or reported.

Photos taken: Yes, 2

Time GZA left Site: 1600

Prepared by: Pete Nympha

Reviewed by: J. Richter

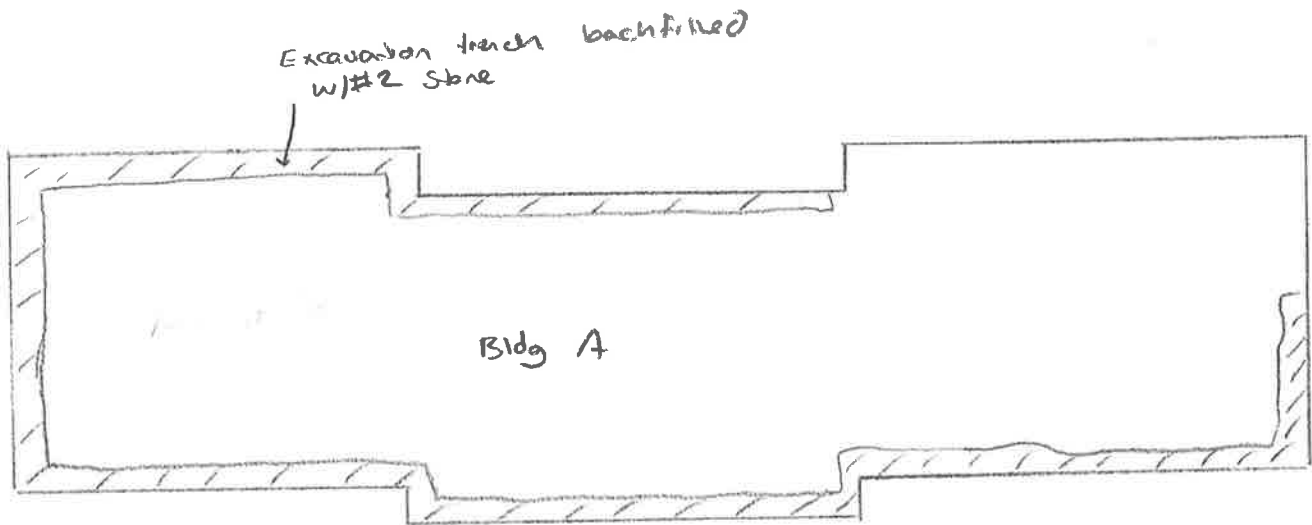
DAILY FIELD SUMMARY FORM

DATE: 1-14 2019

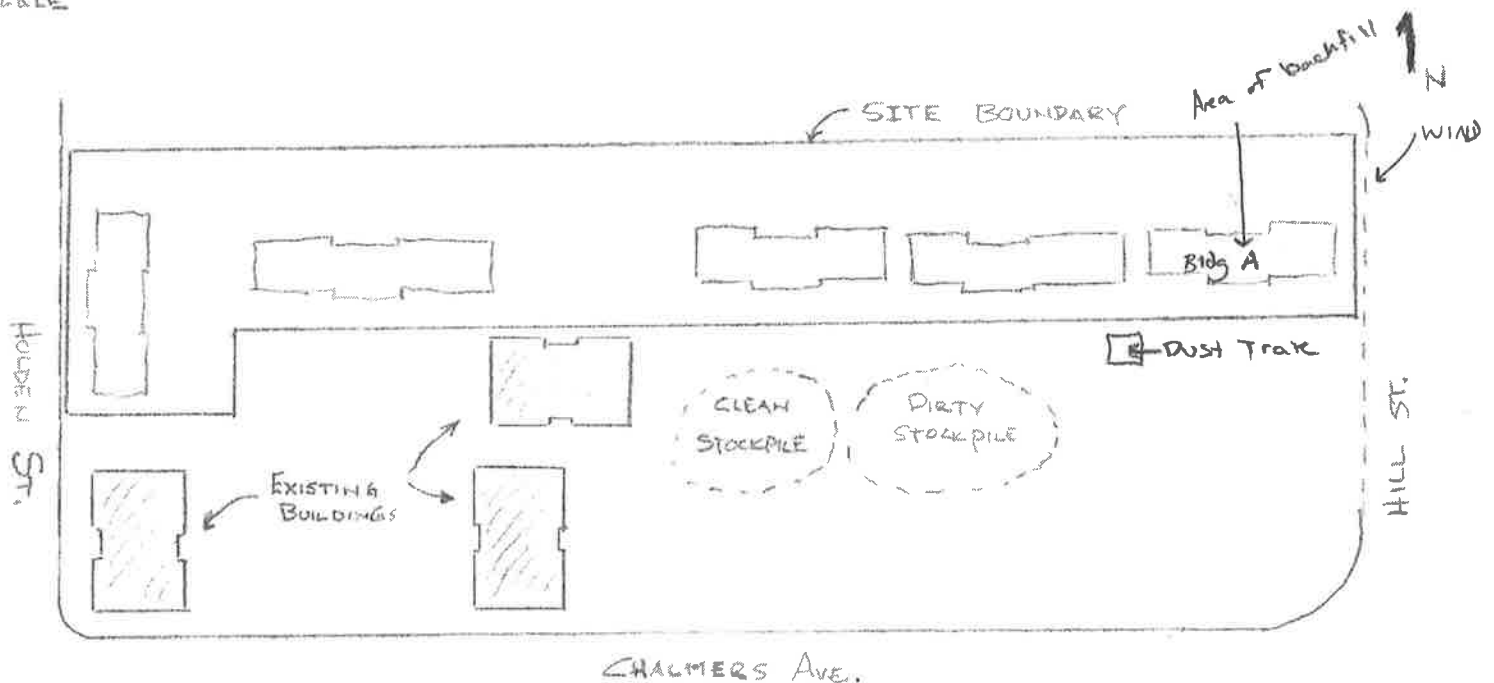
FILE No. 21.0056884.00

REPORT No. 19-5

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



Not to
Scale



Test 004

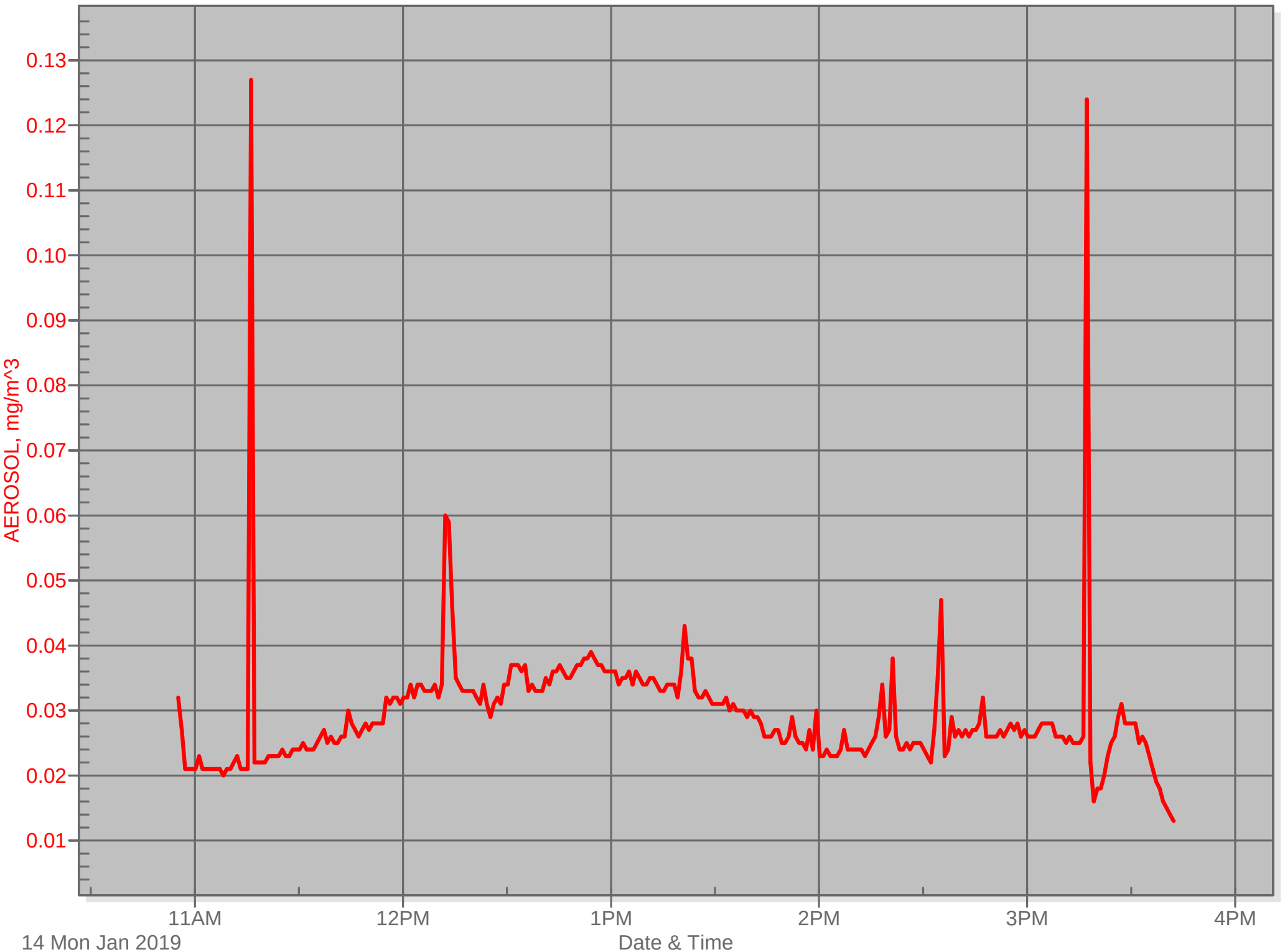
ERROR: FLOW,

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/14/2019
Instrument S/N	8530162808	Start Time	10:54:13
		Stop Date	01/14/2019
		Stop Time	15:42:13
		Total Time	0:04:48:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.029 mg/m ³
Max	0.127 mg/m ³
Max Date	01/14/2019
Max Time	11:16:13
Min	0.013 mg/m ³
Min Date	01/14/2019
Min Time	15:42:13
TWA (8 hr)	0.018
TWA Start Date	01/14/2019
TWA Start Time	10:54:13
TWA End Time	15:42:13

Elim Town Homes

01-14-2019



DAILY FIELD SUMMARY FORM

DATE: 1-15 2019

FILE No. 21.0056884.00

REPORT No. 19-6

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 29°F overcast

Temp Range: 31 to 28 °F

Wind Speed: 5-10 mph

Wind Direction: WSW

Time GZA Arrived on Site: 7:30

Site Conditions: Dry white snow cover

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyznyh
- GZA's Equipment On-Site: Dust Trak
Mini RAE 3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure: N/A

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone scrapes ground surface in Bldg A foundation to reach grade
- Viscone grades inside of Bldg A foundation w/ crusher run stone
- GZA conducts CAMP air monitoring down wind of backfill activities (See sketch)
- Periodically GZA uses a PID to screen ambient air up + down wind of backfilling area
- Viscone finishes backfilling excavation trench inside Bldg A foundation w/ #2 stone (See sketch)

Photos taken: Yes, 3

Time GZA left Site: 1600

Prepared by: Pete Nyznyh

Reviewed by: J. Richert

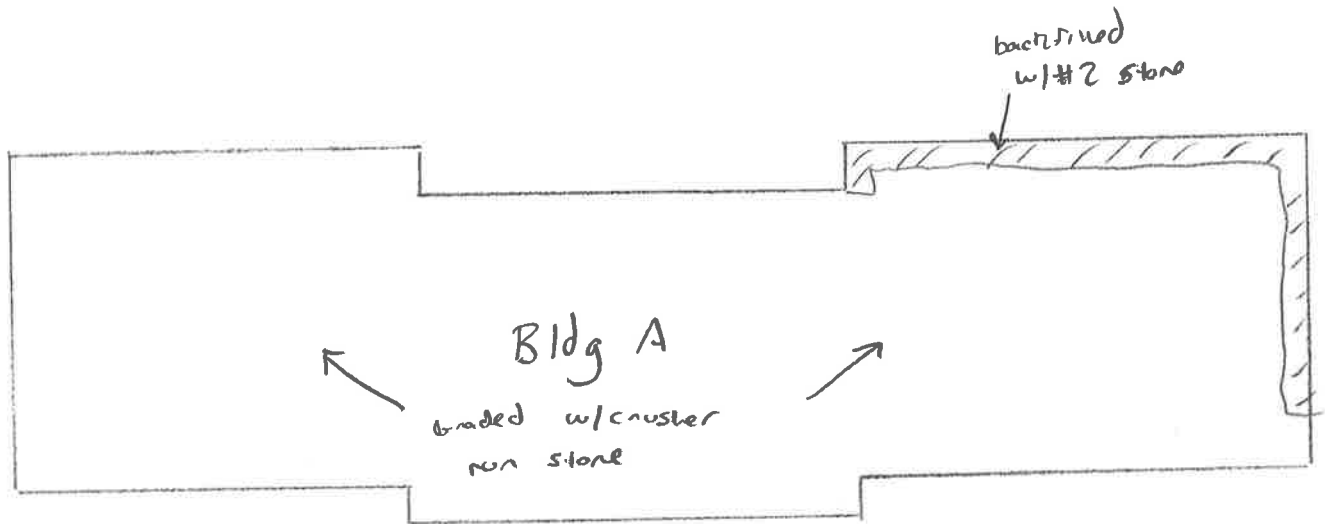
DAILY FIELD SUMMARY FORM

DATE: 1-15- 2019

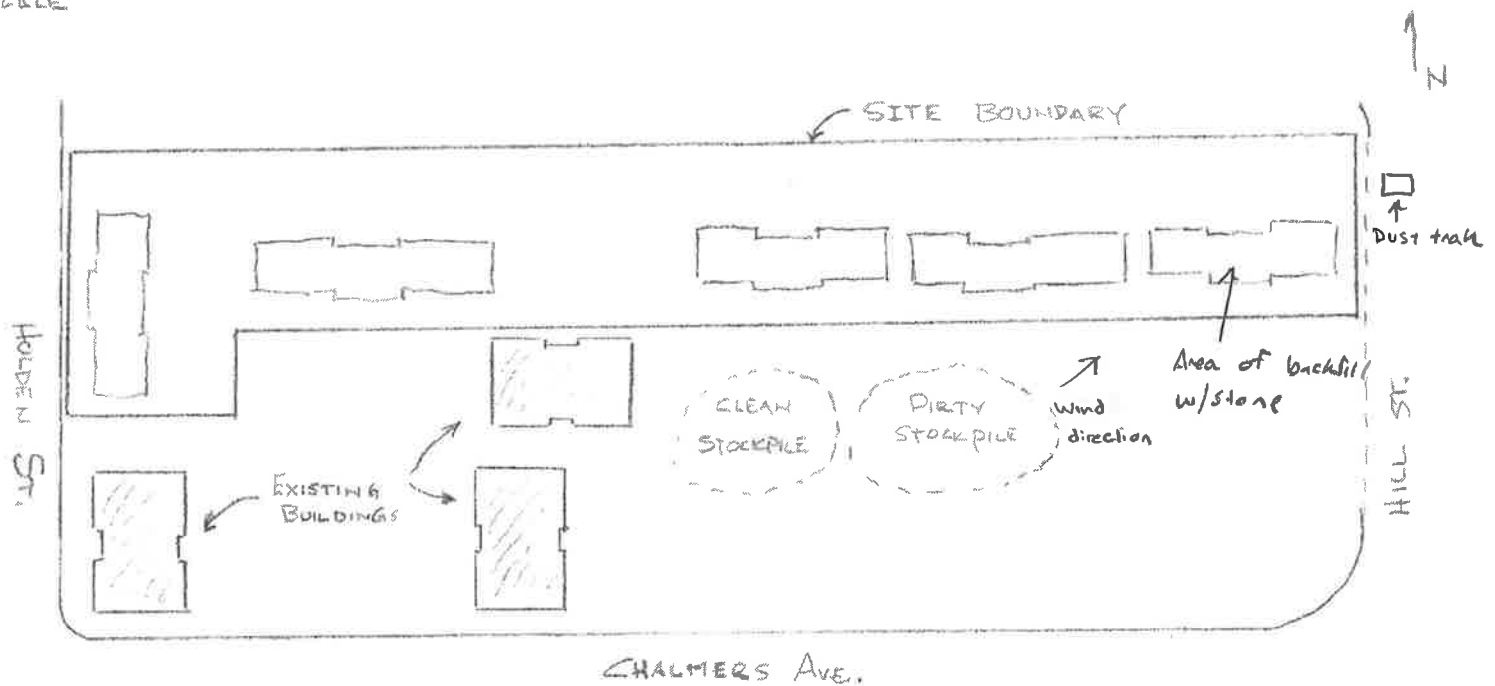
FILE No. 21.0056884.00

REPORT No. 19-6

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



Test 005

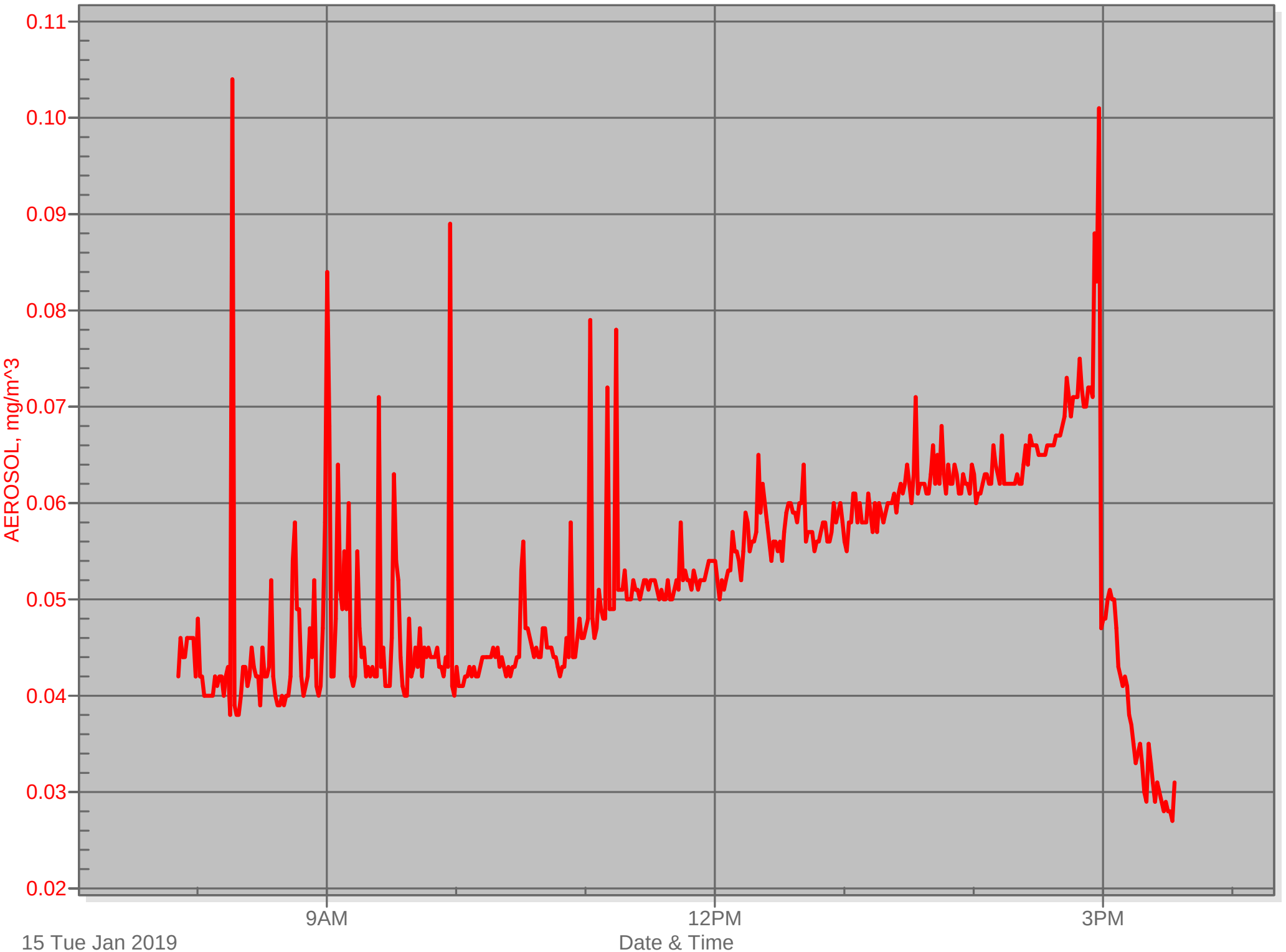
ERROR: FLOW,

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/15/2019
Instrument S/N	8530162808	Start Time	07:50:10
		Stop Date	01/15/2019
		Stop Time	15:33:10
		Total Time	0:07:43:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.052 mg/m ³
Max	0.104 mg/m ³
Max Date	01/15/2019
Max Time	08:16:10
Min	0.027 mg/m ³
Min Date	01/15/2019
Min Time	15:32:10
TWA (8 hr)	0.050
TWA Start Date	01/15/2019
TWA Start Time	07:50:10
TWA End Time	15:33:10

Elim Town Homes

01-15-2019



DAILY FIELD SUMMARY FORM

DATE: 1-16 2019

FILE No. 21.0056884.00

REPORT No. 19-7

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 31°F cloudy w/ snow Temp Range: 31 to 12 °F
flurries Wind Speed: 15-20 mph
Time GZA Arrived on Site: 7:30 Wind Direction: WSW

Site Conditions: Snow cover

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nymph
- GZA's Equipment On-Site: Dust Trak
MiniRAE 3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

N/A

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- GZA sets up Dust Trak monitor prior to backfill activities, downwind from backfill area. (See sketch)
- Viscone moving #2 crusher run stone from stock pile area to building site area. → No elevated levels of dust observed. (see sketch)
- Viscone begins to fill excavation trench inside Bldg B foundation. (see sketch) w/ #2 stone.

Photos taken: Yes

Time GZA left Site: 1330

Prepared by: Pete Nymph

Reviewed by: J. Richter

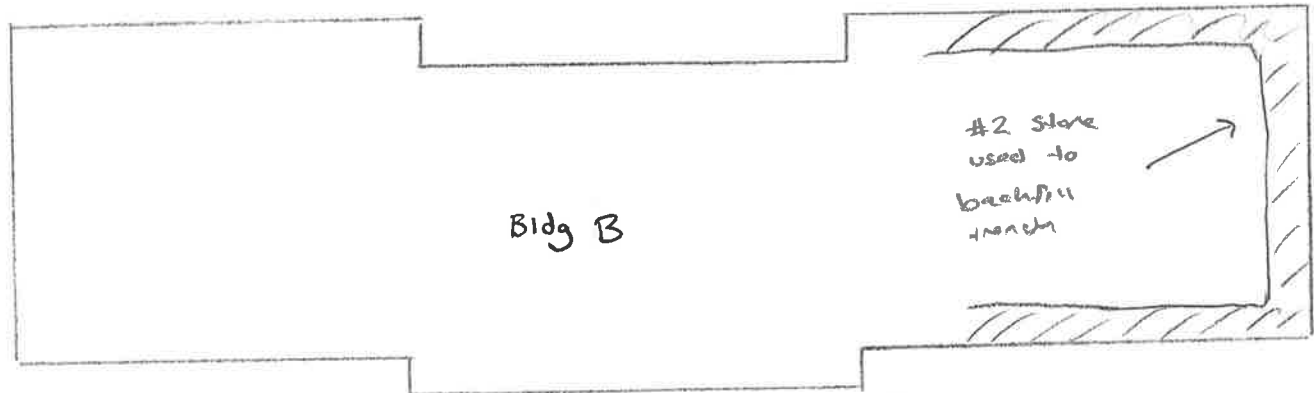
DAILY FIELD SUMMARY FORM

DATE: 1-16 2019

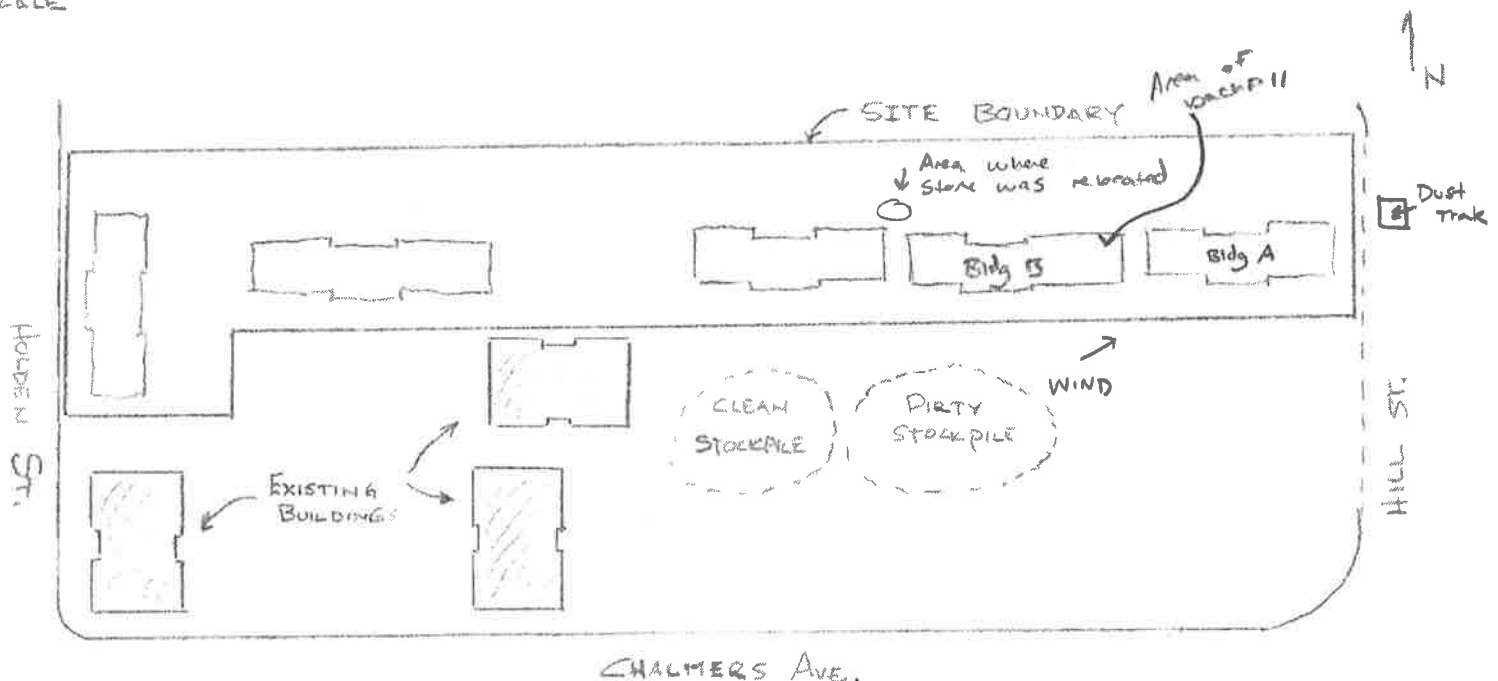
FILE No. 21.0056884.00

REPORT No. 19-7

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



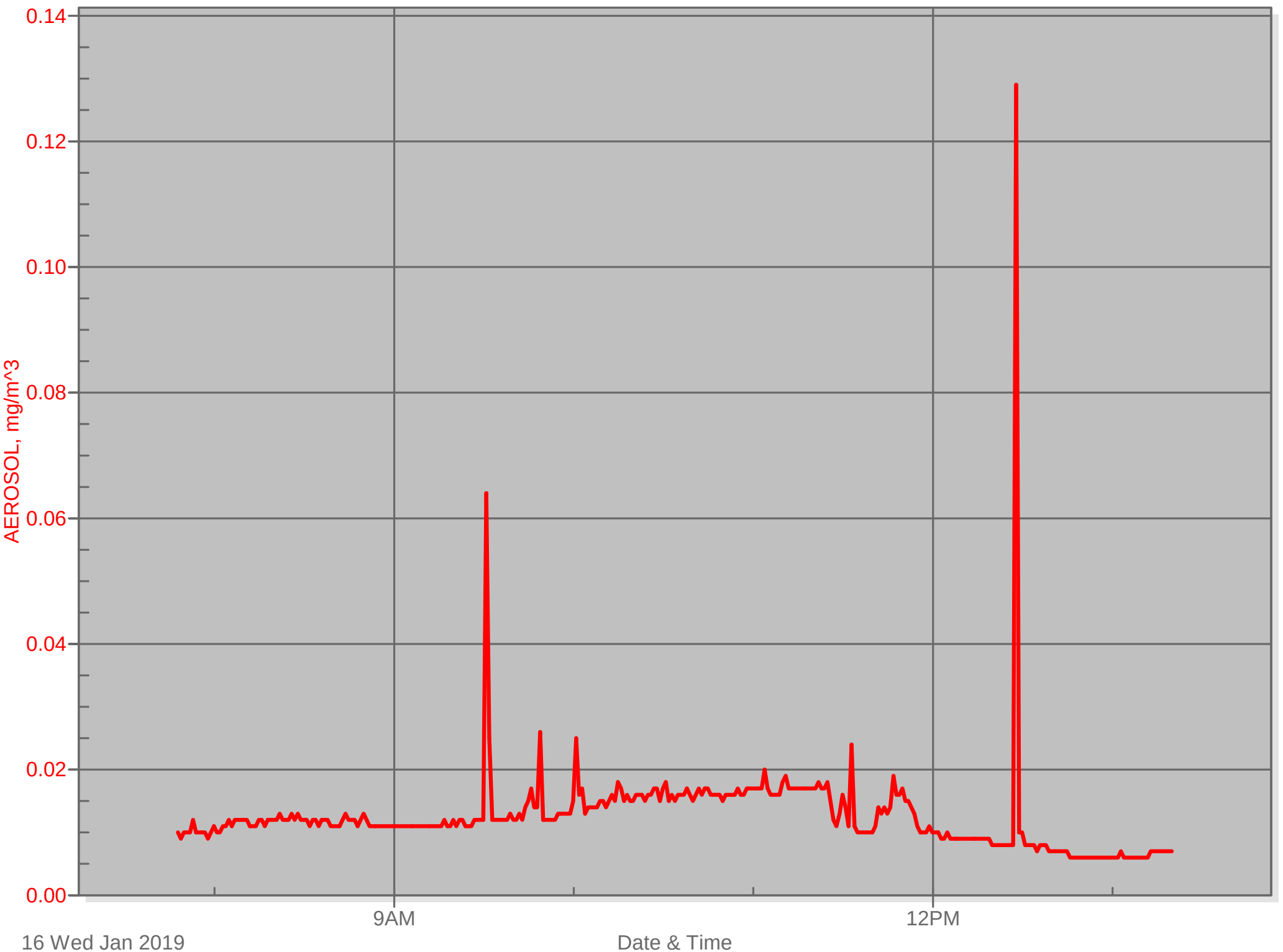
Test 006

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/16/2019
Instrument S/N	8530162808	Start Time	07:46:47
		Stop Date	01/16/2019
		Stop Time	13:19:47
		Total Time	0:05:33:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.013 mg/m ³
Max	0.129 mg/m ³
Max Date	01/16/2019
Max Time	12:27:47
Min	0.006 mg/m ³
Min Date	01/16/2019
Min Time	12:45:47
TWA (8 hr)	0.009
TWA Start Date	01/16/2019
TWA Start Time	07:46:47
TWA End Time	13:19:47

Elim Town Homes

01-16-2019



DAILY FIELD SUMMARY FORM

DATE: 1-18 2019

FILE No. 21.0056884.00

REPORT No. 19-8

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 30° cloudy w/snow

Temp Range: 30 to 28 °F

Wind Speed: 5-10 mph

Time GZA Arrived on Site: 7:35

Wind Direction: W

Site Conditions: Snow cover

Contractors on Site: Viscore

- GZA Personnel On-Site: Pete Myznych
- GZA's Equipment On-Site:

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

N/A

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- GZA sets up Dust Trak down wind of where Viscore will be backfilling
- Viscore reshapes stone pile in a conical shape in preparation to backfill
- Viscore backfills excavation trench inside bldg B foundation
- Viscore installs snow fence as "O-mark" in excavation trench outside the foundation of Bldg A+B

Photos taken: Yes

Time GZA left Site: 1515

Prepared by: Pete Myznych

Reviewed by: J. Richert

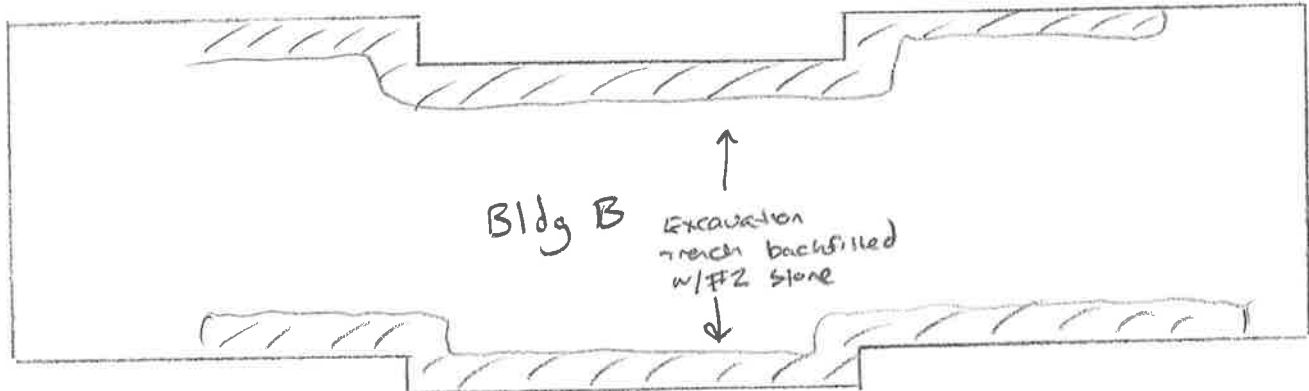
DAILY FIELD SUMMARY FORM

DATE: 1-10-2019

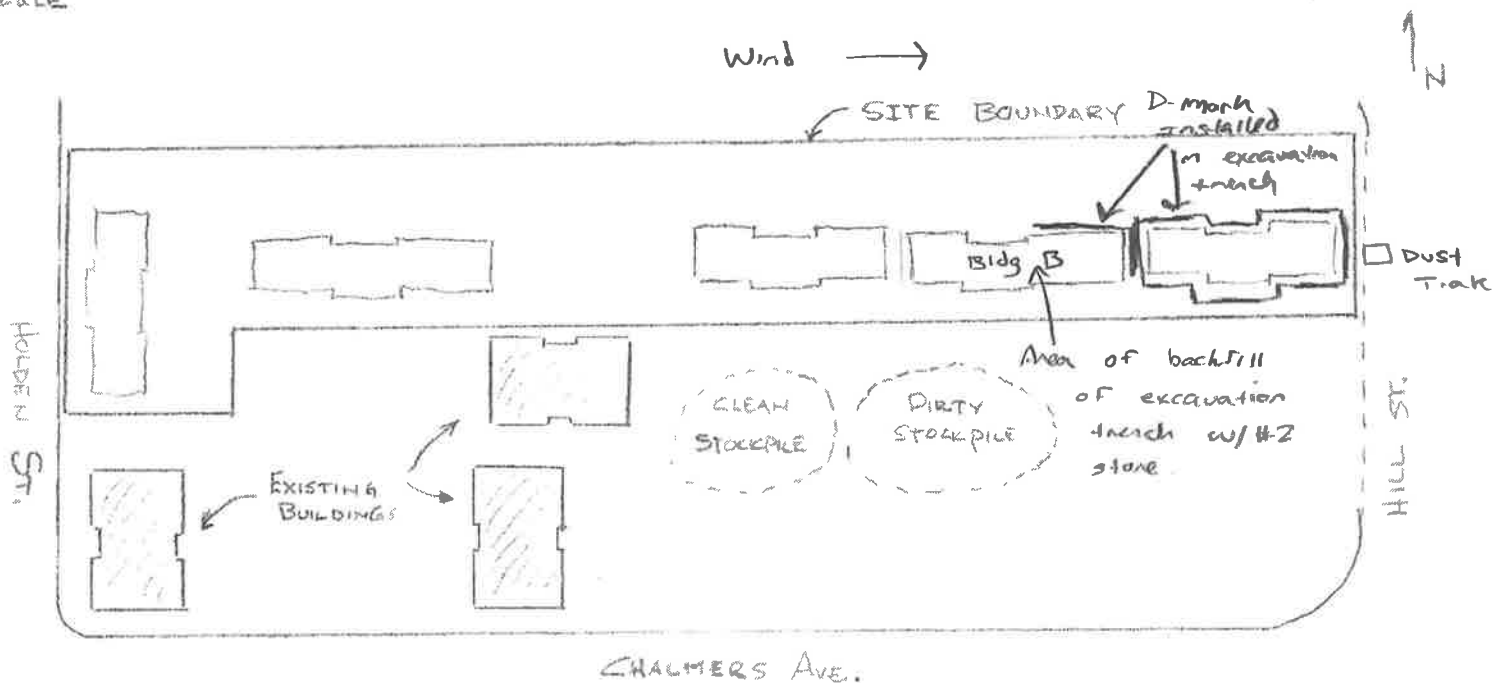
FILE No. 21.0056884.00

REPORT No. 19-8

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



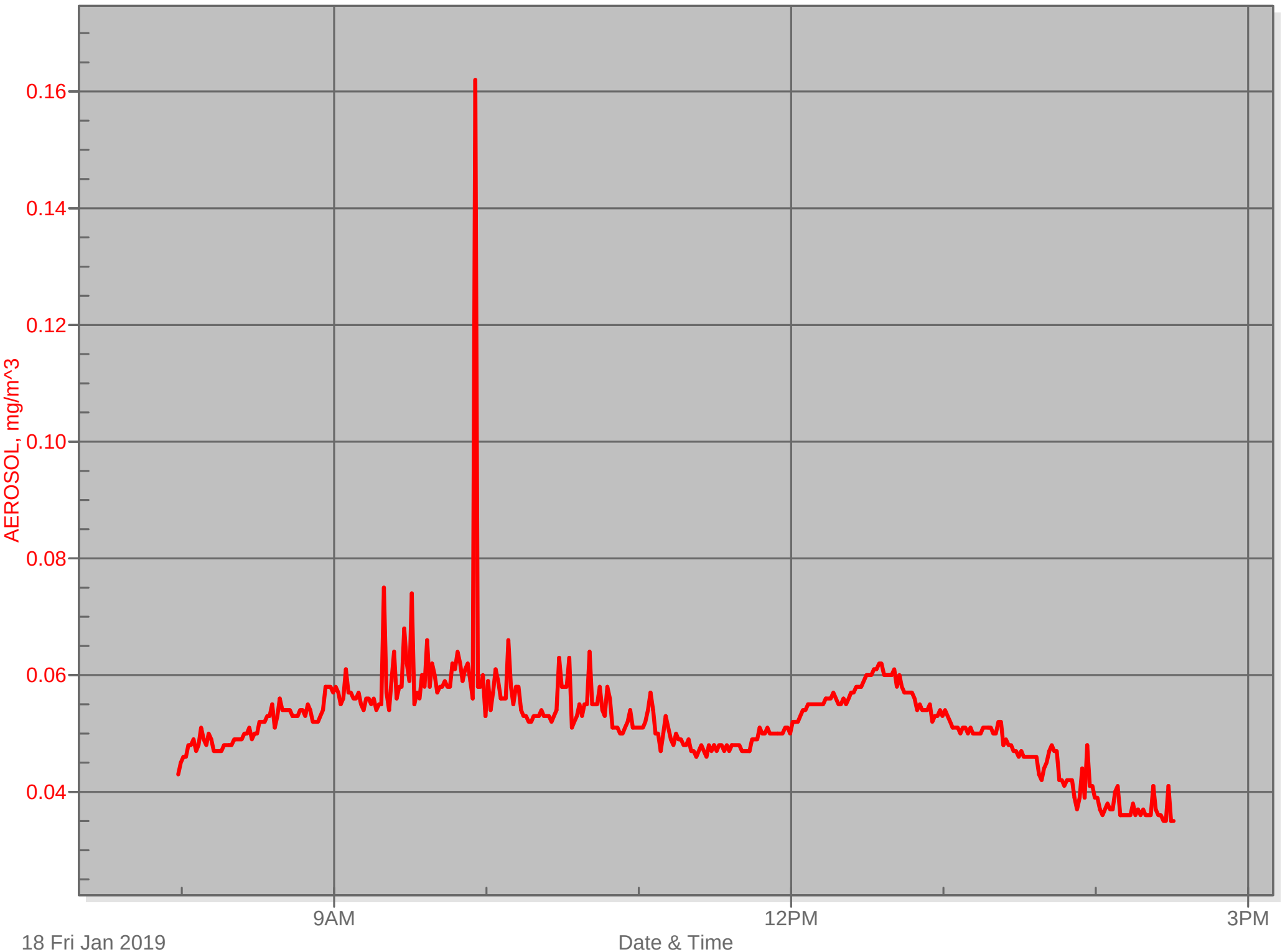
Test 007

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/18/2019
Instrument S/N	8530162808	Start Time	07:57:37
		Stop Date	01/18/2019
		Stop Time	14:30:37
		Total Time	0:06:33:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.052 mg/m ³
Max	0.162 mg/m ³
Max Date	01/18/2019
Max Time	09:55:37
Min	0.035 mg/m ³
Min Date	01/18/2019
Min Time	14:26:37
TWA (8 hr)	0.042
TWA Start Date	01/18/2019
TWA Start Time	07:57:37
TWA End Time	14:30:37

Elim Town Homes

01-18-2019



DAILY FIELD SUMMARY FORM

DATE: 1-23-2019

FILE No. 21.0056884.00

REPORT No. 19-9

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 34° overcast

Temp Range: 34 to 42 °F

Wind Speed: 10-15 mph

Wind Direction: S

Time GZA Arrived on Site: 7:30

Site Conditions: snow/ice cover

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Myznych
- GZA's Equipment On-Site: Dust Trak
Min. RAE 3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

N/A

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone clears up snow/ice w/skid steer prior to excavation work
- Viscone uses #2 stone to backfill excavation trench for Bldg A footers
- Viscone excavates for installation of piping
- Viscone installs 6" pipe around Bldg A.
- GZA observed area of excavation, no irregularities in soil & cap cover were observed.

Photos taken: Yes

Time GZA left Site: 1505

Prepared by: Pete Myznych

Reviewed by:

J. Richert

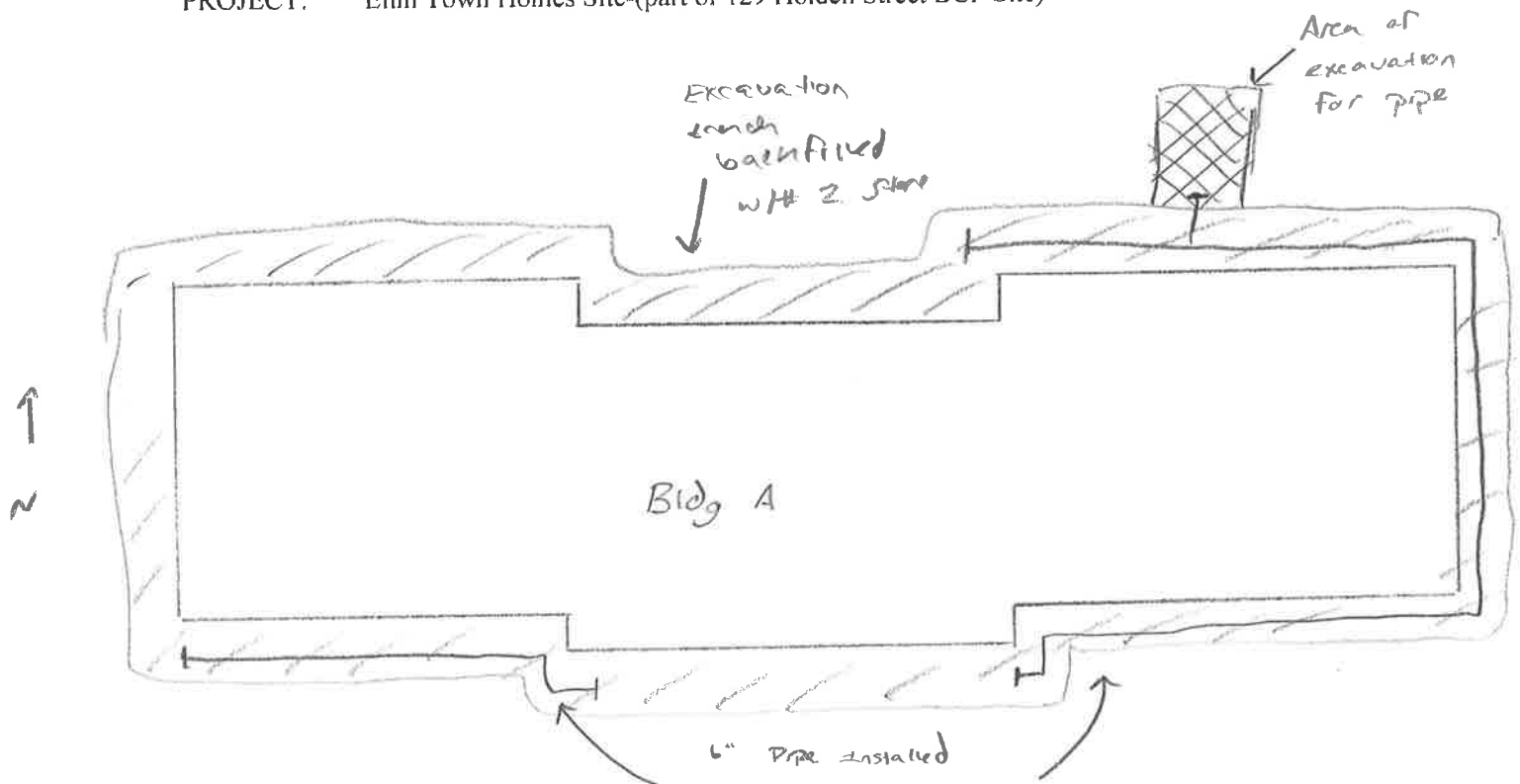
DAILY FIELD SUMMARY FORM

DATE: 1-23-2019

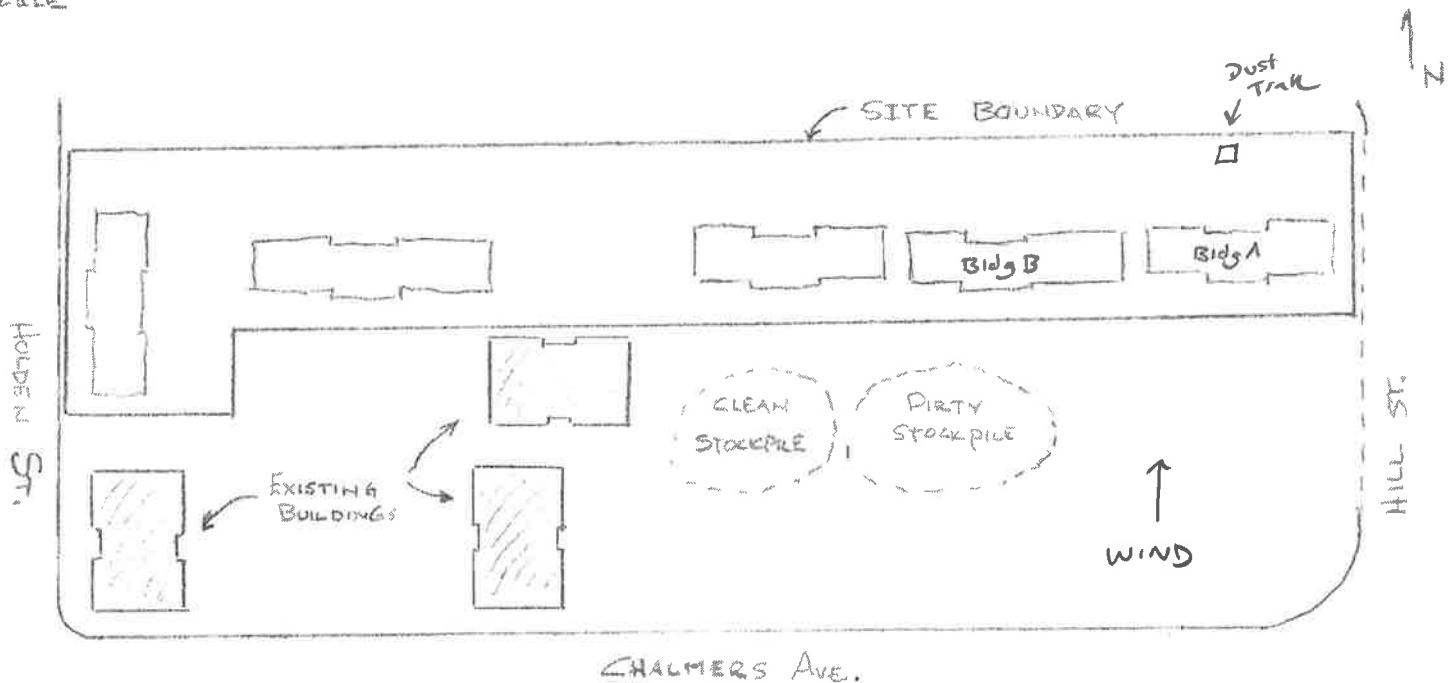
FILE No. 21.0056884.00

REPORT No. 19-9

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



Not to
Scale



Test 008

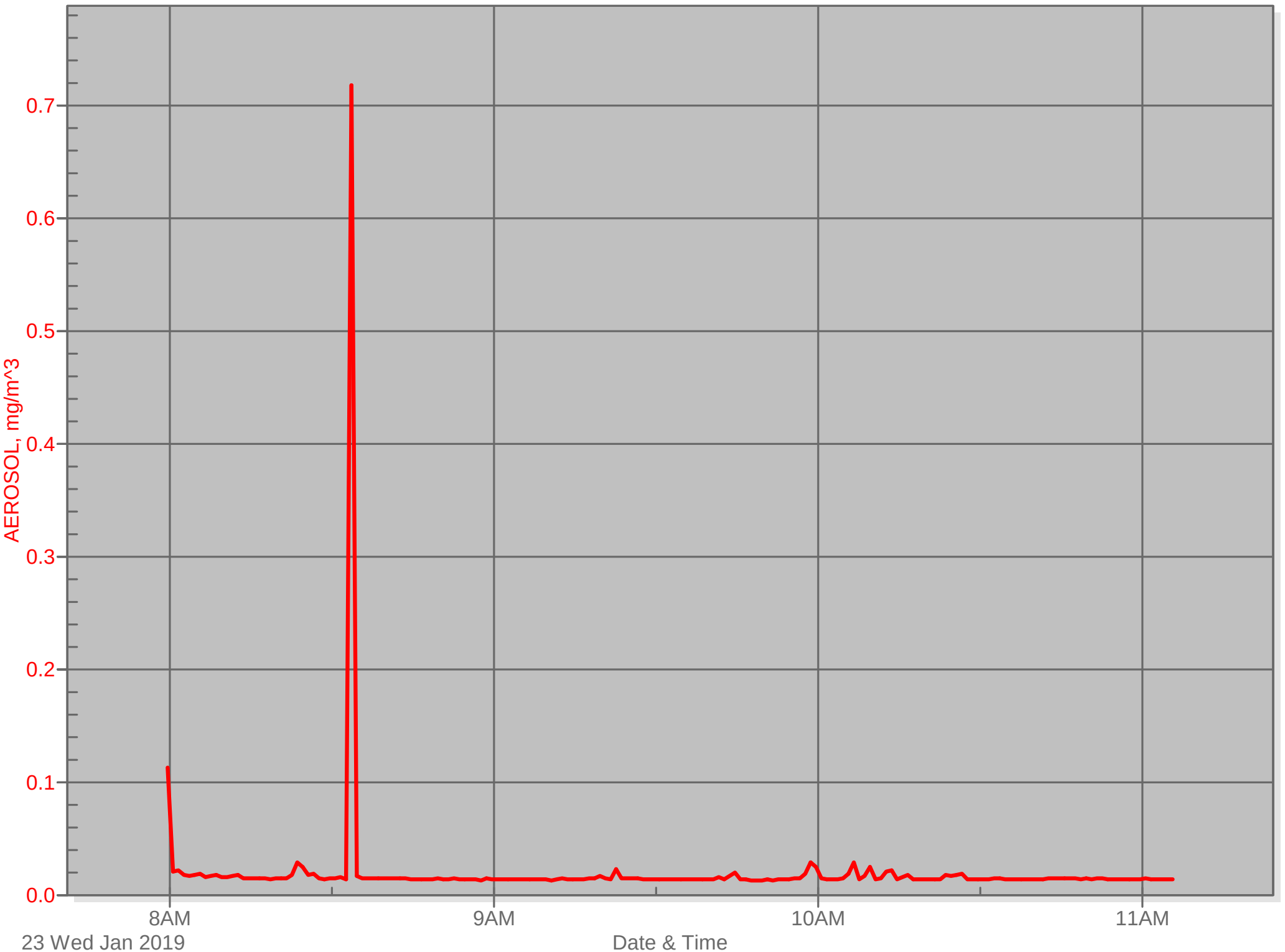
ERROR: FLOW,

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/23/2019
Instrument S/N	8530162808	Start Time	07:58:35
		Stop Date	01/23/2019
		Stop Time	11:05:35
		Total Time	0:03:07:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.020 mg/m ³
Max	0.718 mg/m ³
Max Date	01/23/2019
Max Time	08:33:35
Min	0.013 mg/m ³
Min Date	01/23/2019
Min Time	08:57:35
TWA (8 hr)	0.008
TWA Start Date	01/23/2019
TWA Start Time	07:58:35
TWA End Time	11:05:35

Elim Town Homes

01-23-2019



DAILY FIELD SUMMARY FORM

DATE: 1-24- 2019

FILE No. 21.0056884.00

REPORT No. 19-10

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 32°F Snow

Temp Range: 32 to 29 °F

Wind Speed: 5-10 mph

Wind Direction: W

Time GZA Arrived on Site: 7:30

Site Conditions: Wet & Snow

Contractors on Site: Viscone

• GZA Personnel On-Site: Pete Myznyk / Mike Kress

• GZA's Equipment On-Site: Dust Trak

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)

• Viscone installing downspout drainage piping in previously excavated areas around the outside edges of the foundations of Buildings

Orange demarc fabric & stone had been previously installed in these areas. Backfilling with crushed stone over pipes.

• Viscone excavating for haunches (~1' deep) running N-S inside Building A. Demarc fabric not encountered.

• Viscone installing orange demarc fabric around Bldg B prior to stone bedding for drainage piping.

Photos taken:

Time GZA left Site: 15:00

Prepared by: Mike Kress

Reviewed by: J. Reckert

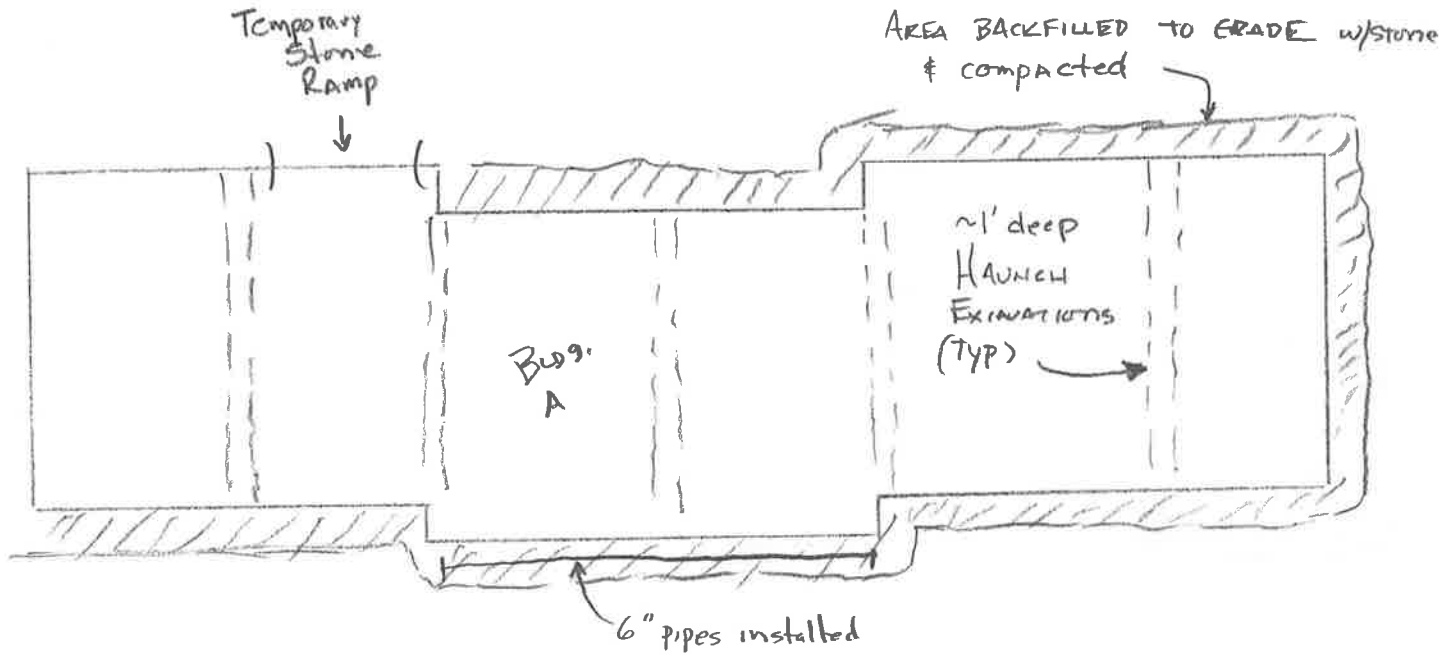
DAILY FIELD SUMMARY FORM

DATE: 1-24 2019

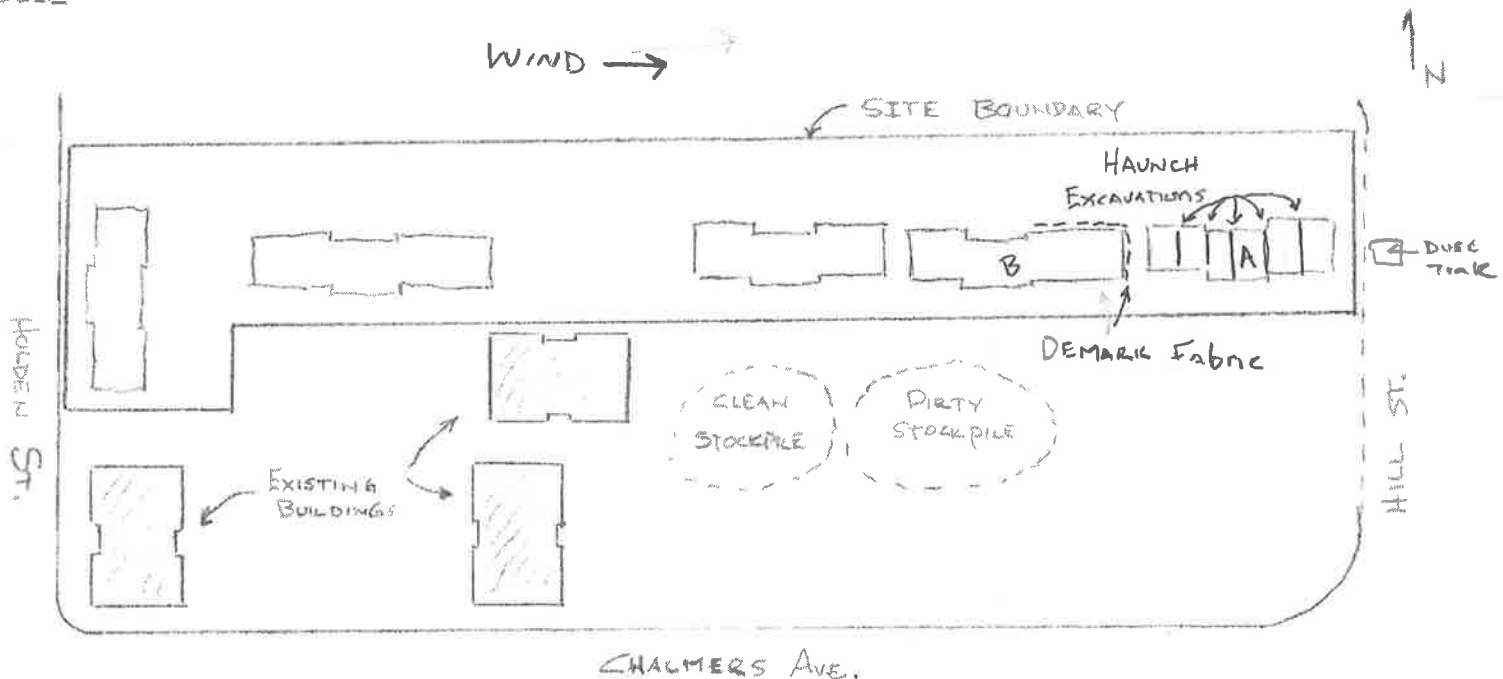
FILE No. 21.0056884.00

REPORT No. 19-10

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



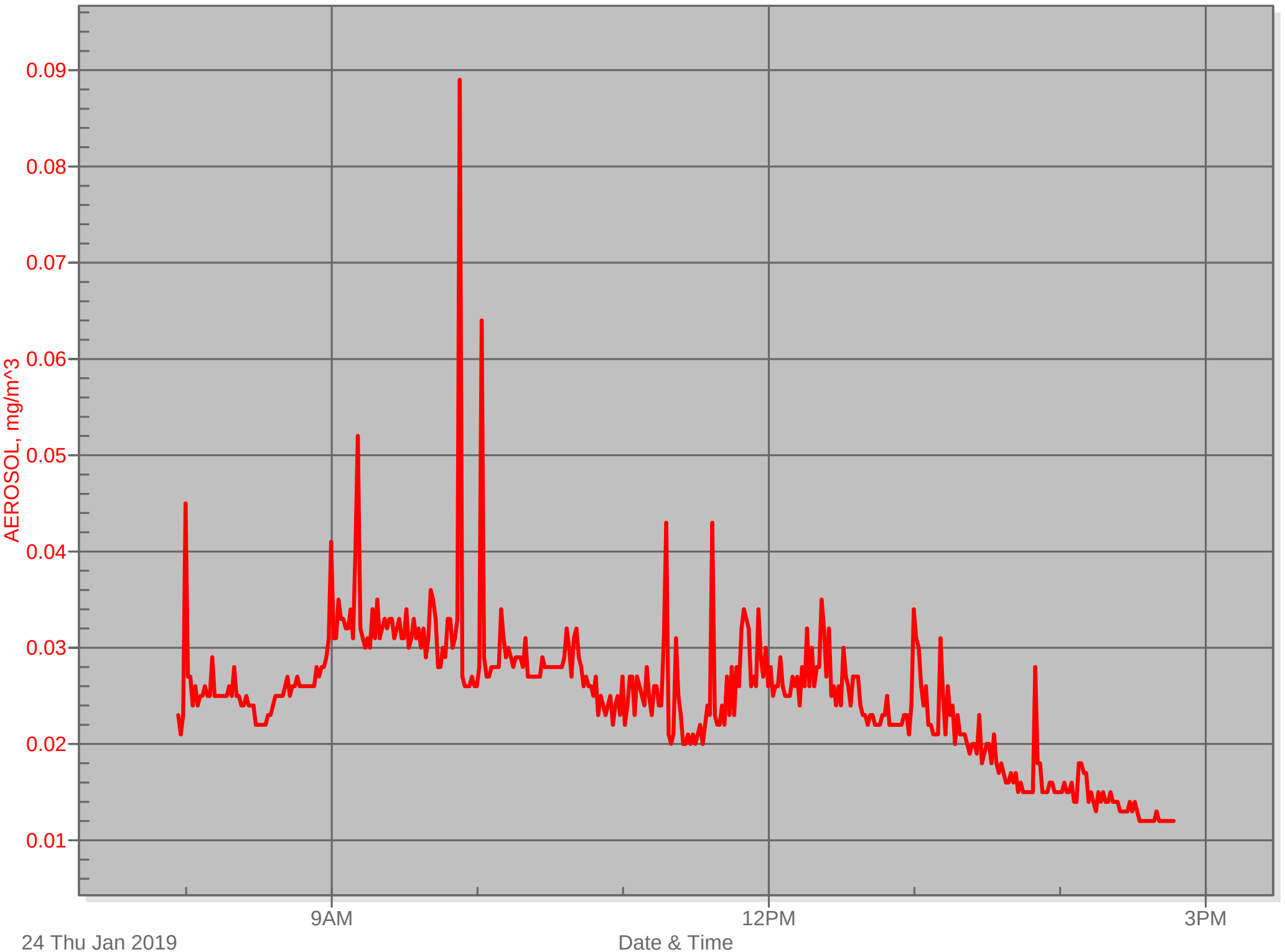
Test 009

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/24/2019
Instrument S/N	8530162808	Start Time	07:55:46
		Stop Date	01/24/2019
		Stop Time	14:46:46
		Total Time	0:06:51:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.025 mg/m ³
Max	0.089 mg/m ³
Max Date	01/24/2019
Max Time	09:52:46
Min	0.012 mg/m ³
Min Date	01/24/2019
Min Time	14:32:46
TWA (8 hr)	0.021
TWA Start Date	01/24/2019
TWA Start Time	07:55:46
TWA End Time	14:46:46

Elim Town Homes

01-24-2019



DAILY FIELD SUMMARY FORM

DATE: 1/25/2019

FILE No. 21.0056884.00

REPORT No. 19- //

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: Mostly Cloudy / Snow

Temp Range: 20 to 25 °F

Wind Speed: 20+ mph

Wind Direction: West

Time GZA Arrived on Site: 0730

Site Conditions: Snow Covered / Frozen

Contractors on Site: Viscone

- GZA Personnel On-Site: M. Kress
- GZA's Equipment On-Site: Dust Trak
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)

- Viscone managing snow from overnight (~4")
- Viscone removing temporary Soil Ramp (clean soils) that was over the Foundation wall for equipment Access to Bldg A.
- Viscone placed orange demore fabric & stone bedding where temporary soil Ramp was. Also ground portions of Bldg B prior to installing bedding stone.
- Viscone Installed 6" drainage pipe along the North East side of Bldg A.
- Viscone excavated stone from the inside Foundation wall in Bldg A. for future Waterline tie-in (See field sketch for location).

Photos taken:

Time GZA left Site: 1400

Prepared by: M. Kress

Reviewed by: J. Richert

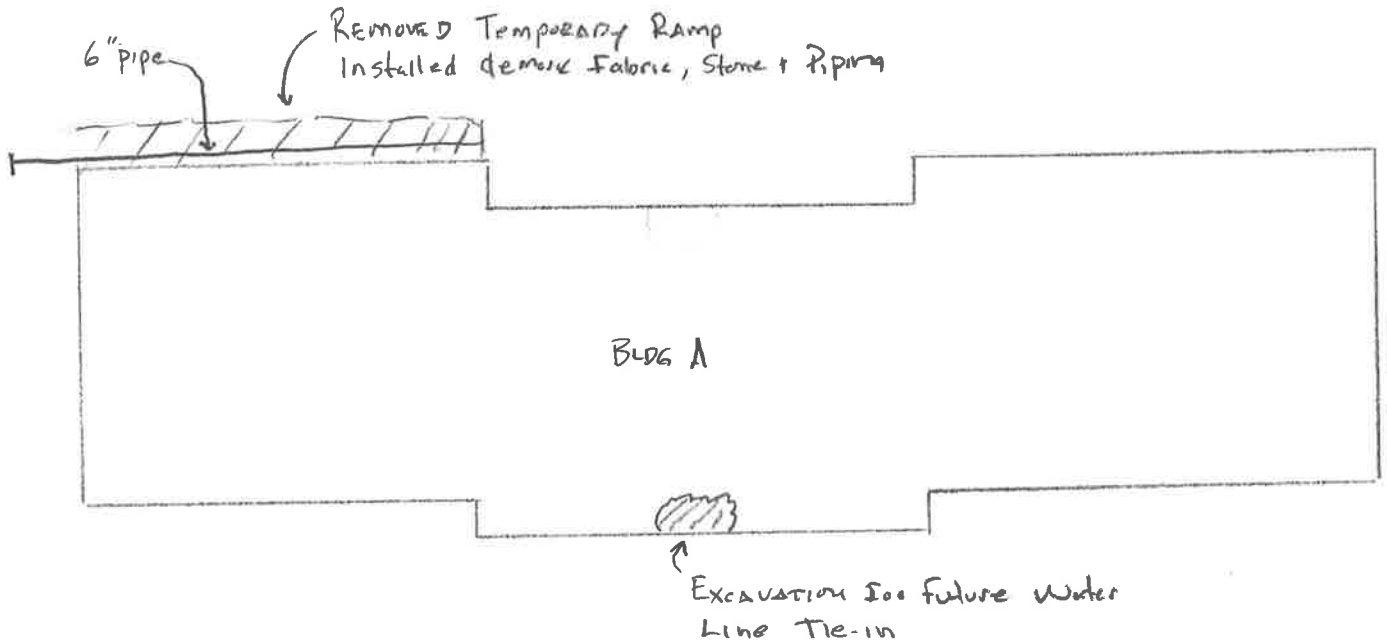
DATE: 1/25/2019

DAILY FIELD SUMMARY FORM

FILE No. 21.0056884.00

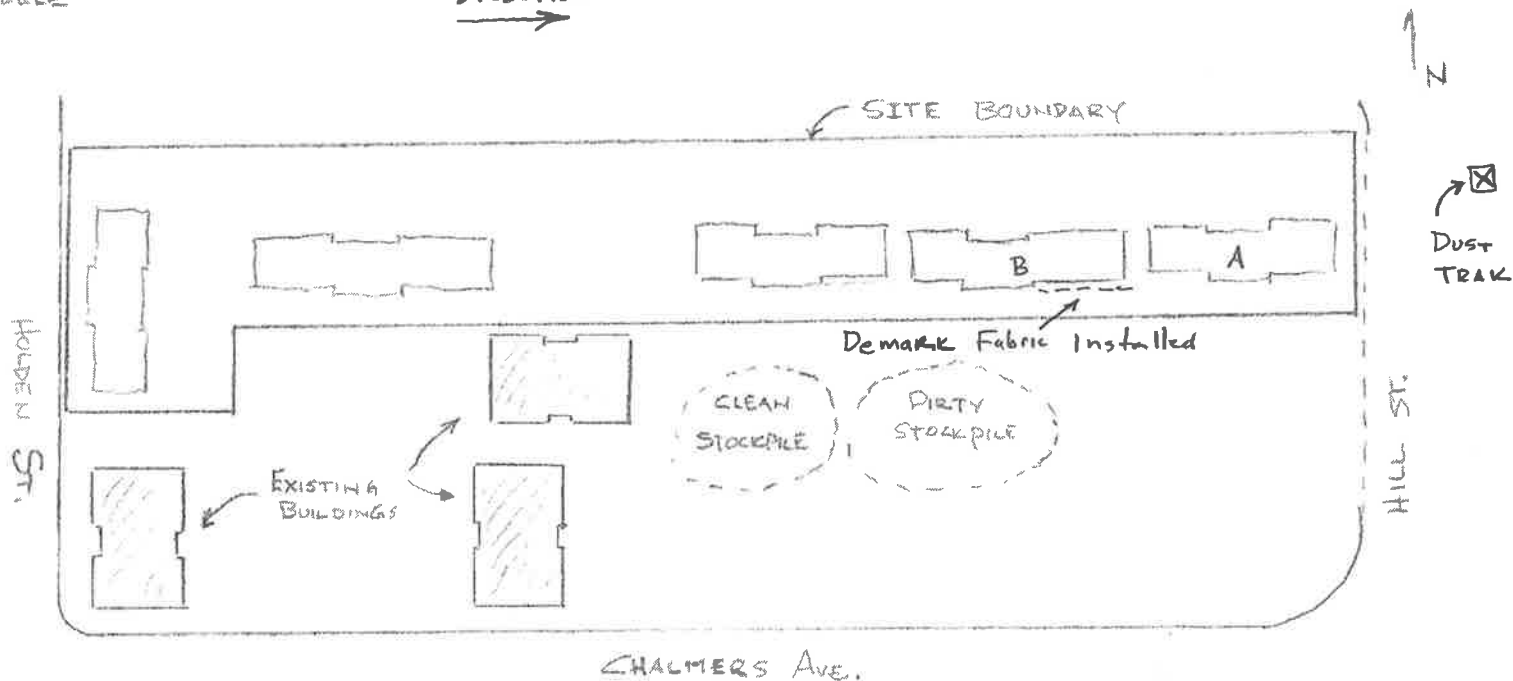
REPORT No. 19-11

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE

WIND
DIRECTION
→



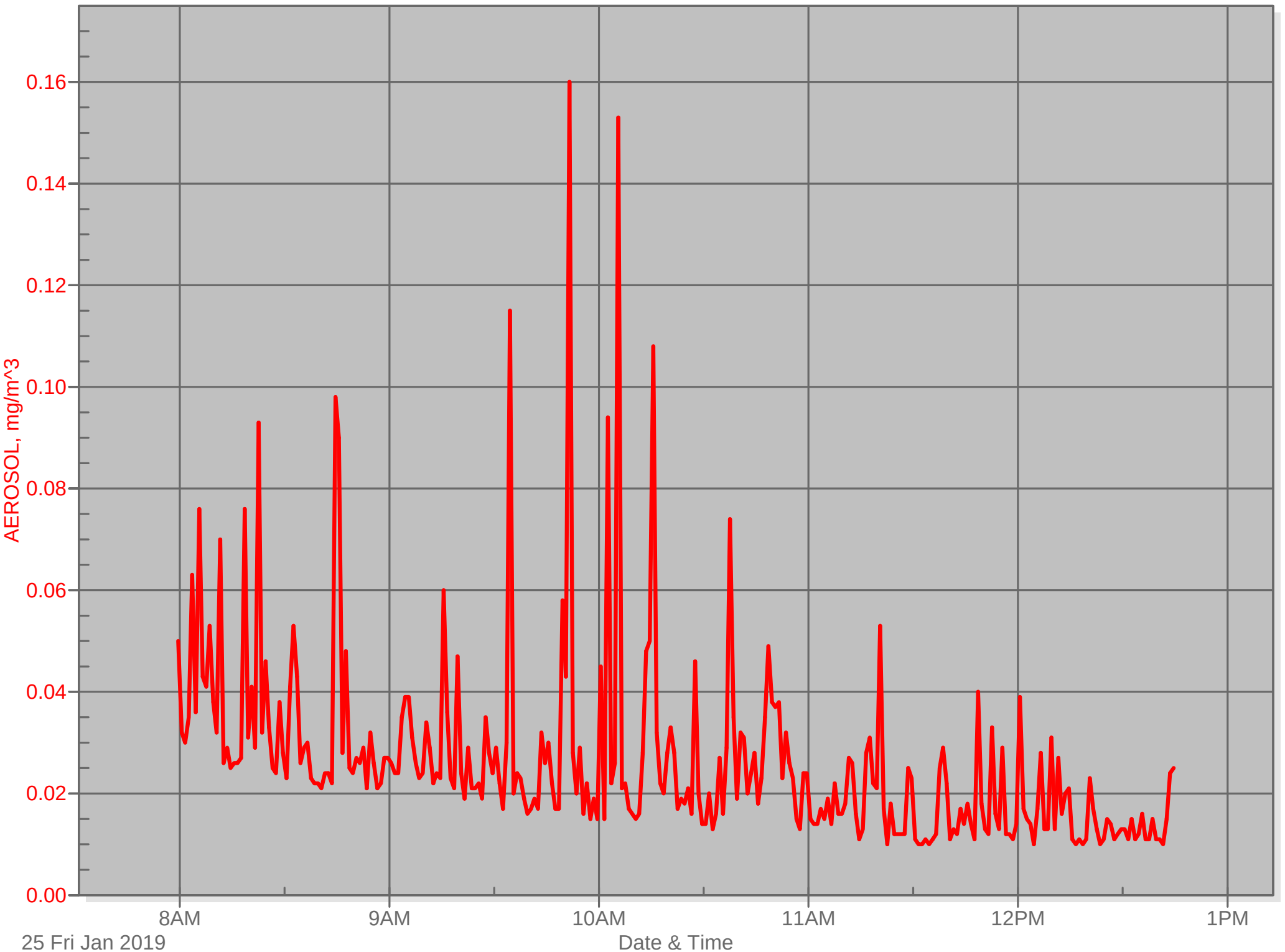
Test 010

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/25/2019
Instrument S/N	8530162808	Start Time	07:58:33
		Stop Date	01/25/2019
		Stop Time	12:44:33
		Total Time	0:04:46:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.027 mg/m ³
Max	0.160 mg/m ³
Max Date	01/25/2019
Max Time	09:51:33
Min	0.010 mg/m ³
Min Date	01/25/2019
Min Time	11:22:33
TWA (8 hr)	0.016
TWA Start Date	01/25/2019
TWA Start Time	07:58:33
TWA End Time	12:44:33

Elim Town Homes

01-25-2019



DAILY FIELD SUMMARY FORM

DATE: 1-28 2019

FILE No. 21.0056884.00

REPORT No. 19-12

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 11°F partly cloudy

Temp Range: 11 to 22 °F

Wind Speed: 4-10 mph

Wind Direction: SE

Time GZA Arrived on Site: 7:35

Site Conditions: snow cover

Contractors on Site: Viscone

• GZA Personnel On-Site: Pete Myrnyk

• GZA's Equipment On-Site: Dust Trak

Min: RAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

N/A

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone removes snow in preparation for excavation, backfill, and pipe install.
- Prior to excavation/backfill activities, GZA sets up Dust Trak downwind for CAD air monitoring.
- Viscone excavate for foundation haunches in Bldg A foundation. No irregularities in clean cover or fill soils.
- Viscone moves excavated stock pile soil near Bldg A to designated area south of site boundary.
- Viscone lays D-mat layer in excavation trench at Bldg B.
- Viscone installs 6" sewer pipe around Bldg B foundation.
- Viscone backfills excavation trench at Bldg B w/12 stone over areas where sewer pipe was installed.
- Viscone backfills excavation trench in Bldg B w/12 stone to get grade for 6" sewer pipe installation.

Photos taken:

Time GZA left Site: 16:10

Prepared by: Pete Myrnyk

Reviewed by: J. Richter

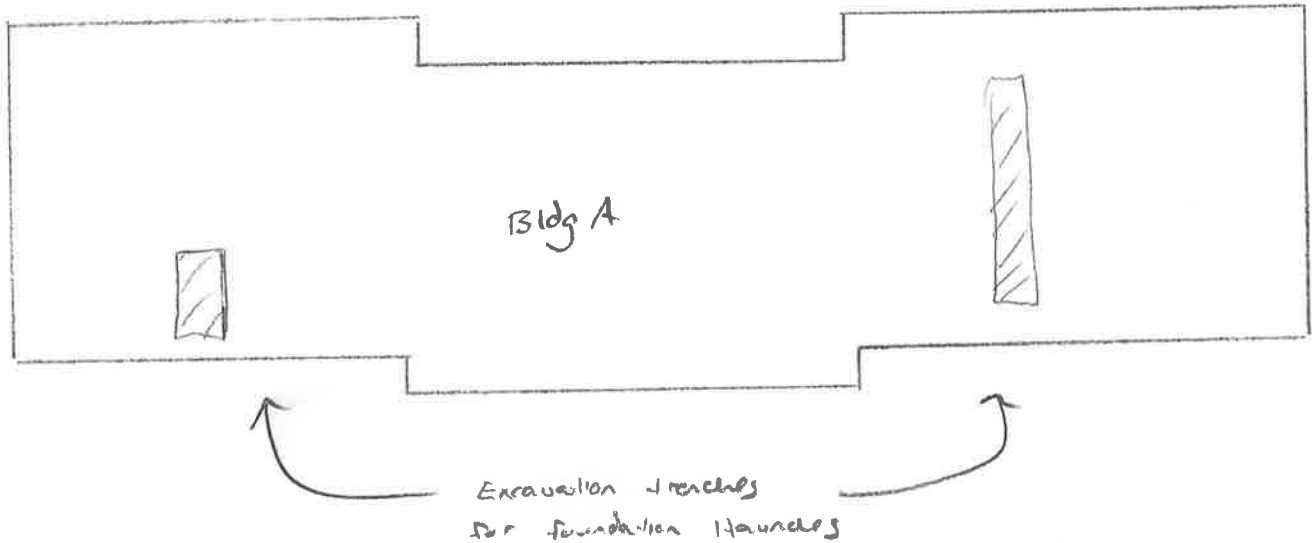
DAILY FIELD SUMMARY FORM

DATE: 1-28 2019

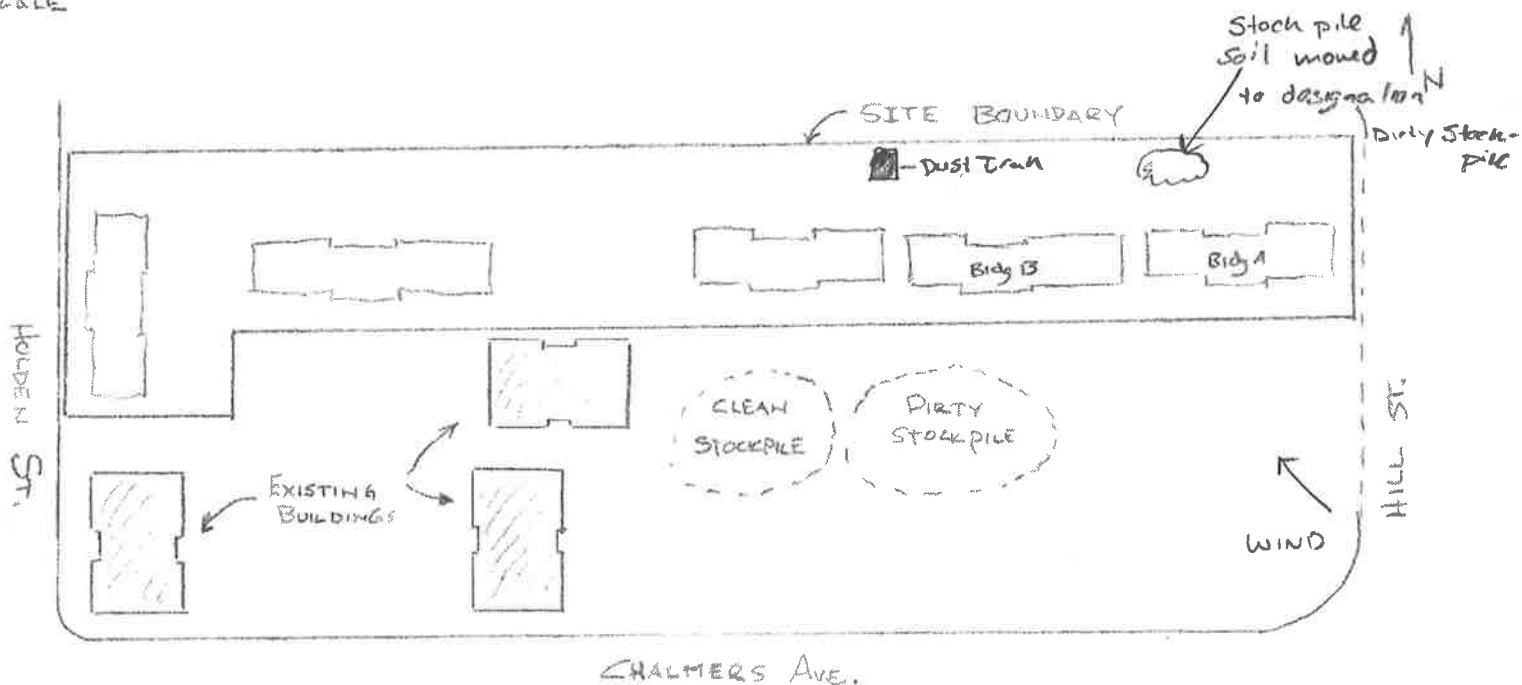
FILE No. 21.0056884.00

REPORT No. 19-12

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



Not to
Scale



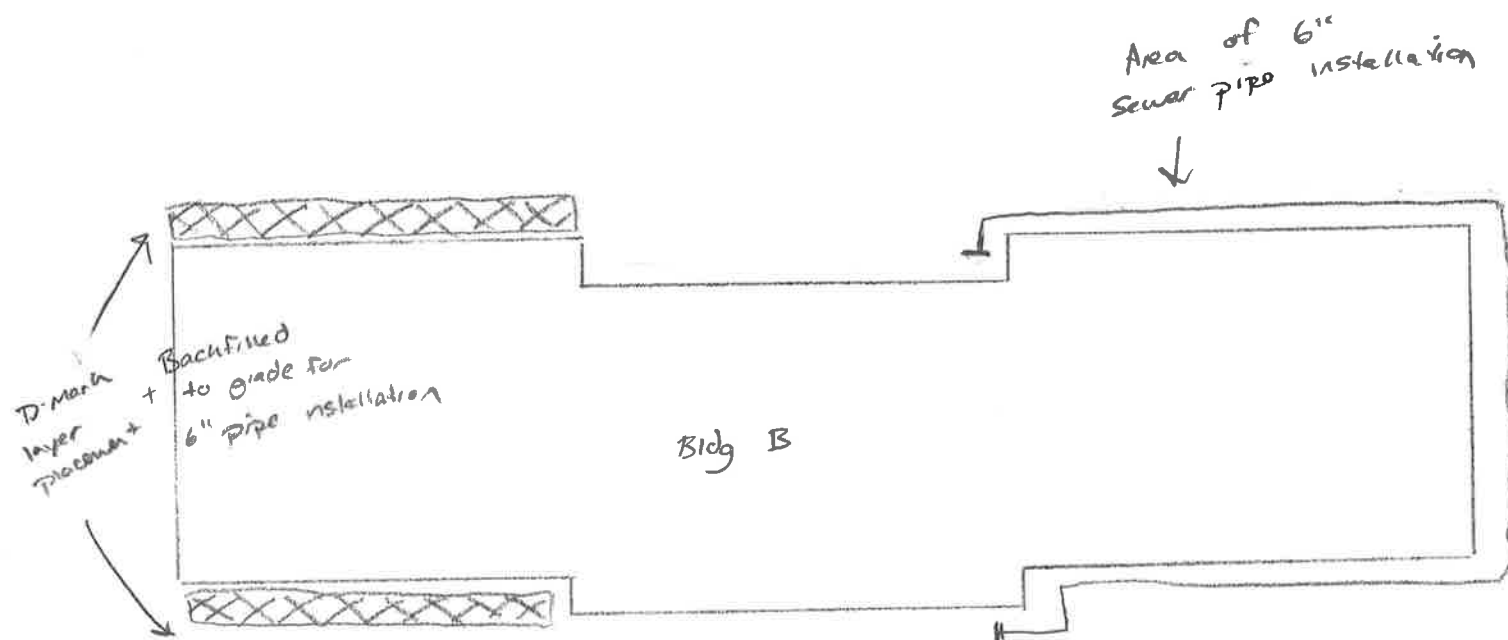
DAILY FIELD SUMMARY FORM

DATE: 1-28 2019

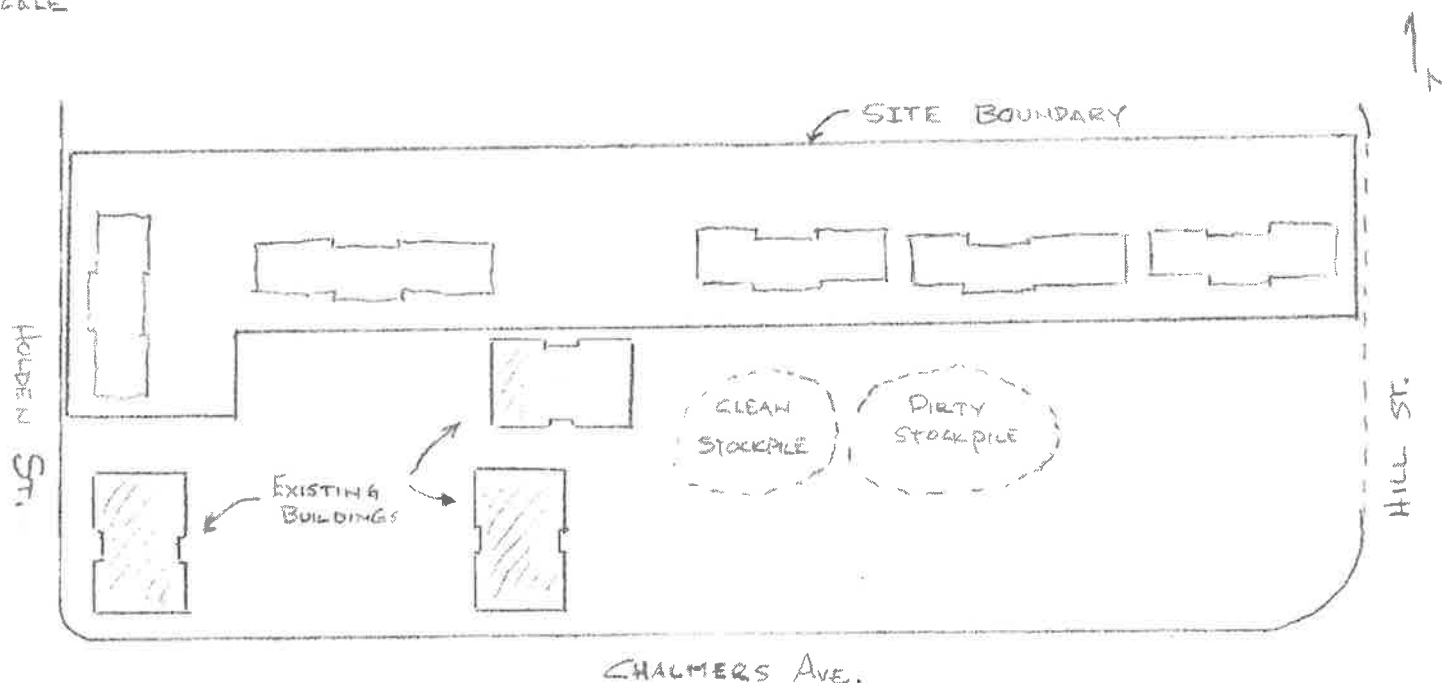
FILE No. 21.0056884.00

REPORT No. 19-12

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



Not to
SCALE



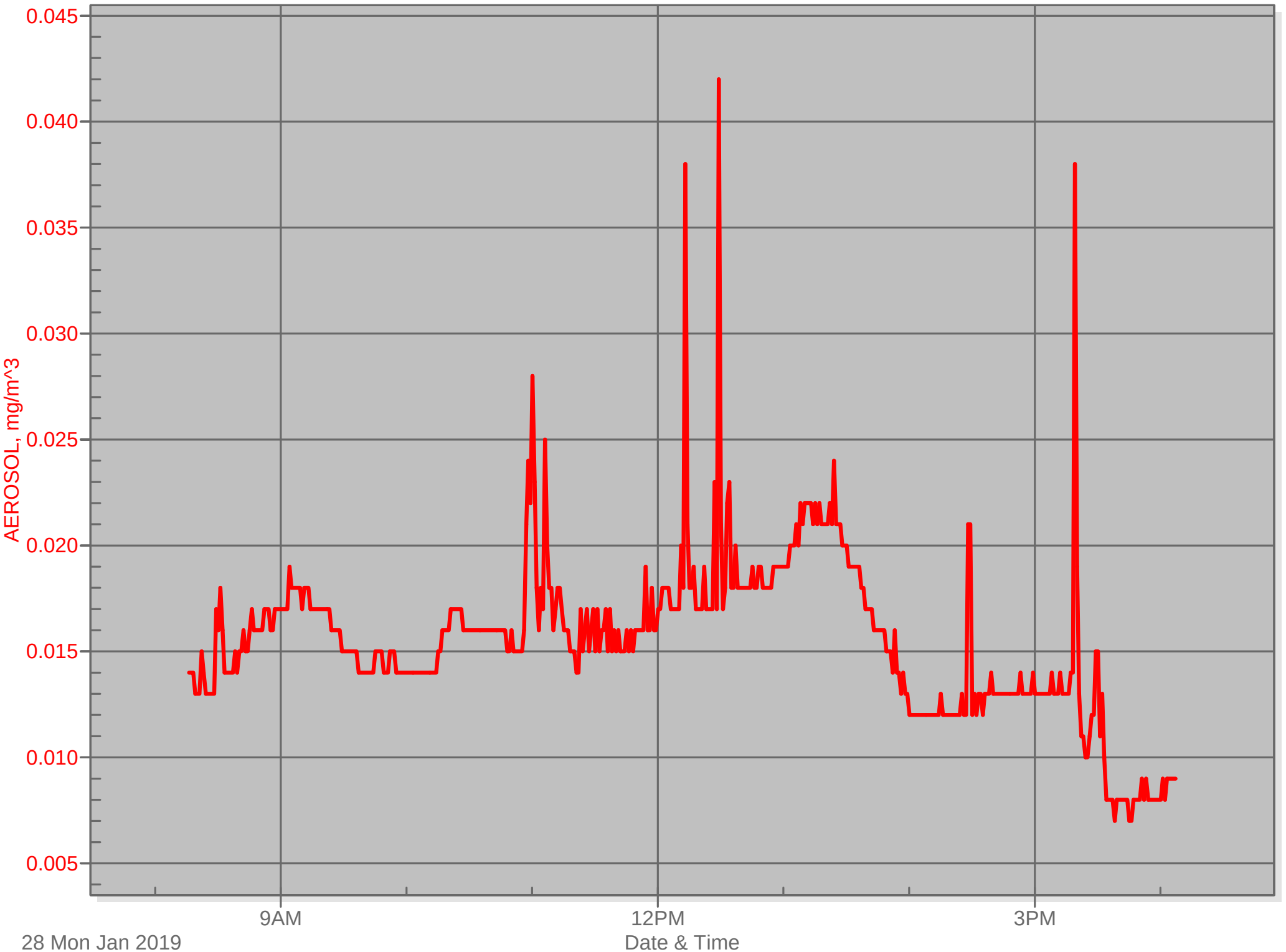
Test 011

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/28/2019
Instrument S/N	8530162808	Start Time	08:15:10
		Stop Date	01/28/2019
		Stop Time	16:07:10
		Total Time	0:07:52:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.016 mg/m ³
Max	0.042 mg/m ³
Max Date	01/28/2019
Max Time	12:29:10
Min	0.007 mg/m ³
Min Date	01/28/2019
Min Time	15:38:10
TWA (8 hr)	0.015
TWA Start Date	01/28/2019
TWA Start Time	08:15:10
TWA End Time	16:07:10

Elim Town Homes

01-28-2019



DAILY FIELD SUMMARY FORM

DATE: 1-29 2019

FILE No. 21.0056884.00

REPORT No. 19-13

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 28°F, cloudy/windy

Temp Range: 28 to 2 °F

Wind Speed: 15-25 mph

Wind Direction: SW

Time GZA Arrived on Site: 7:30

w/snow

Site Conditions: Snow cover

Contractors on Site: Viscone

• GZA Personnel On-Site: Pete Myrnyk

• GZA's Equipment On-Site: DustTrak

Mini RAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

N/A

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone installs 6" sewer pipe outside Bldg B foundation footers
- Viscone backfills outside Bldg B foundation footers w/ 1/2 stone on top of 6" sewer pipe

Photos taken: yes

Time GZA left Site: 1600

Prepared by: Pete Myrnyk

Reviewed by: Mike Kress

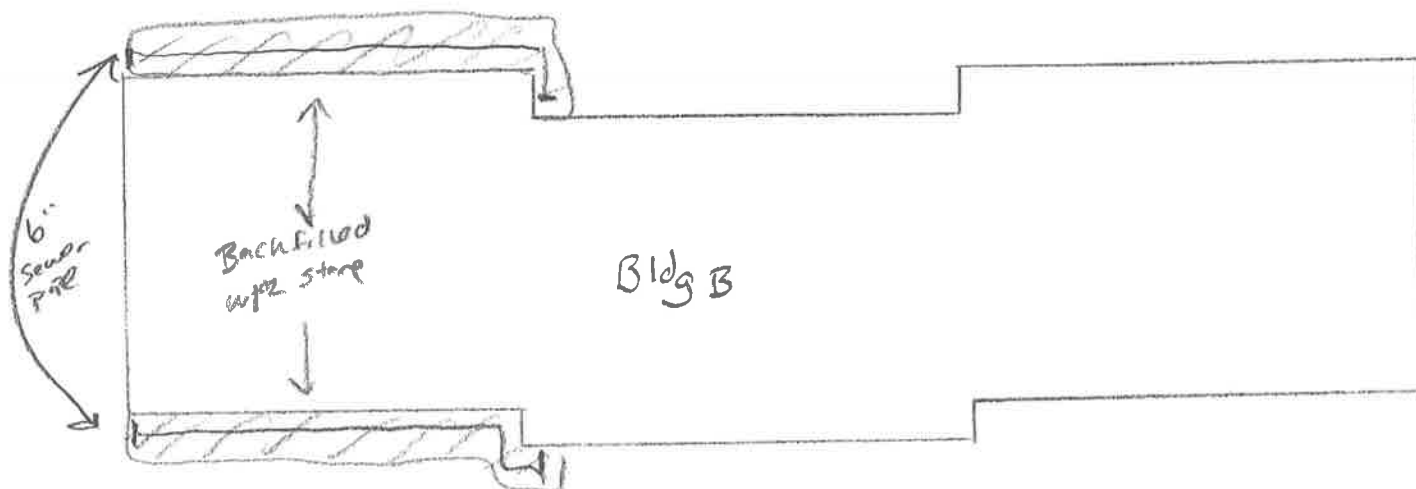
DAILY FIELD SUMMARY FORM

DATE: 1-29-2019

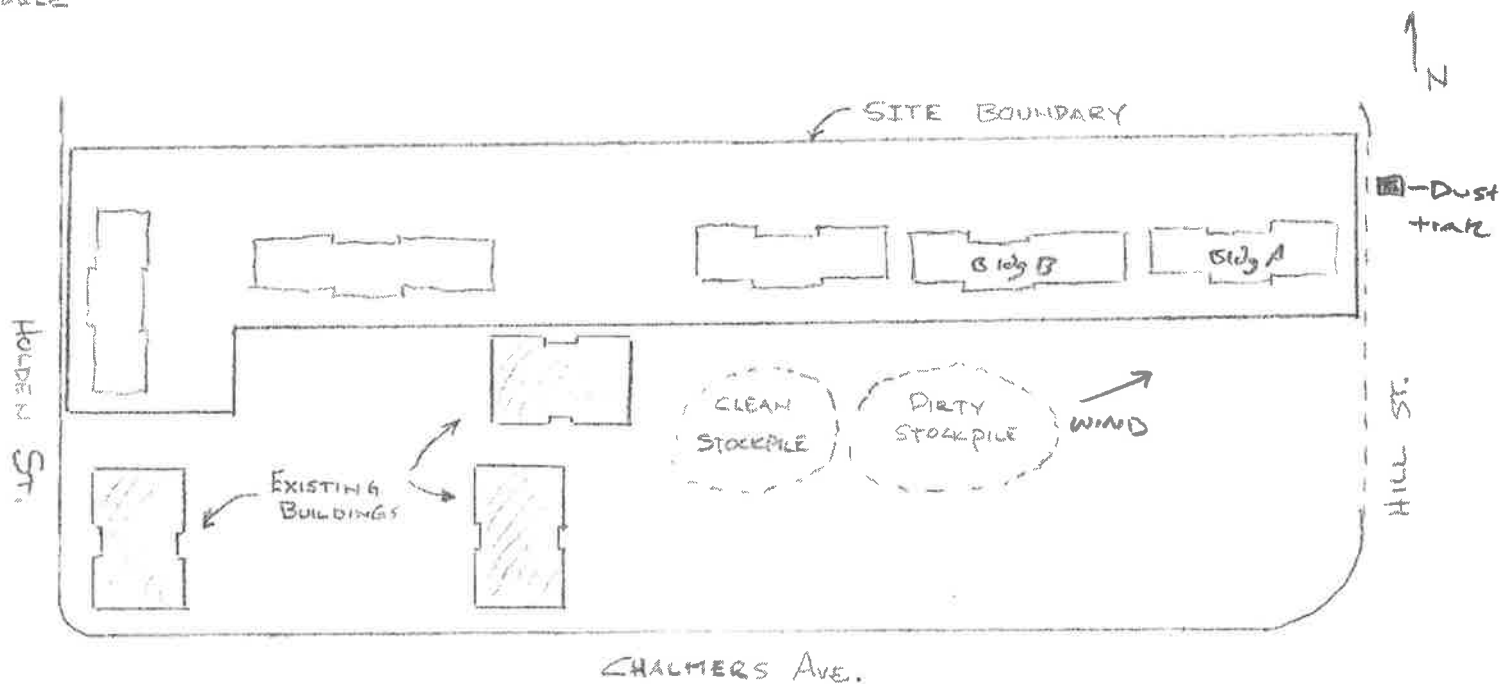
FILE No. 21.0056884.00

REPORT No. 19-13

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



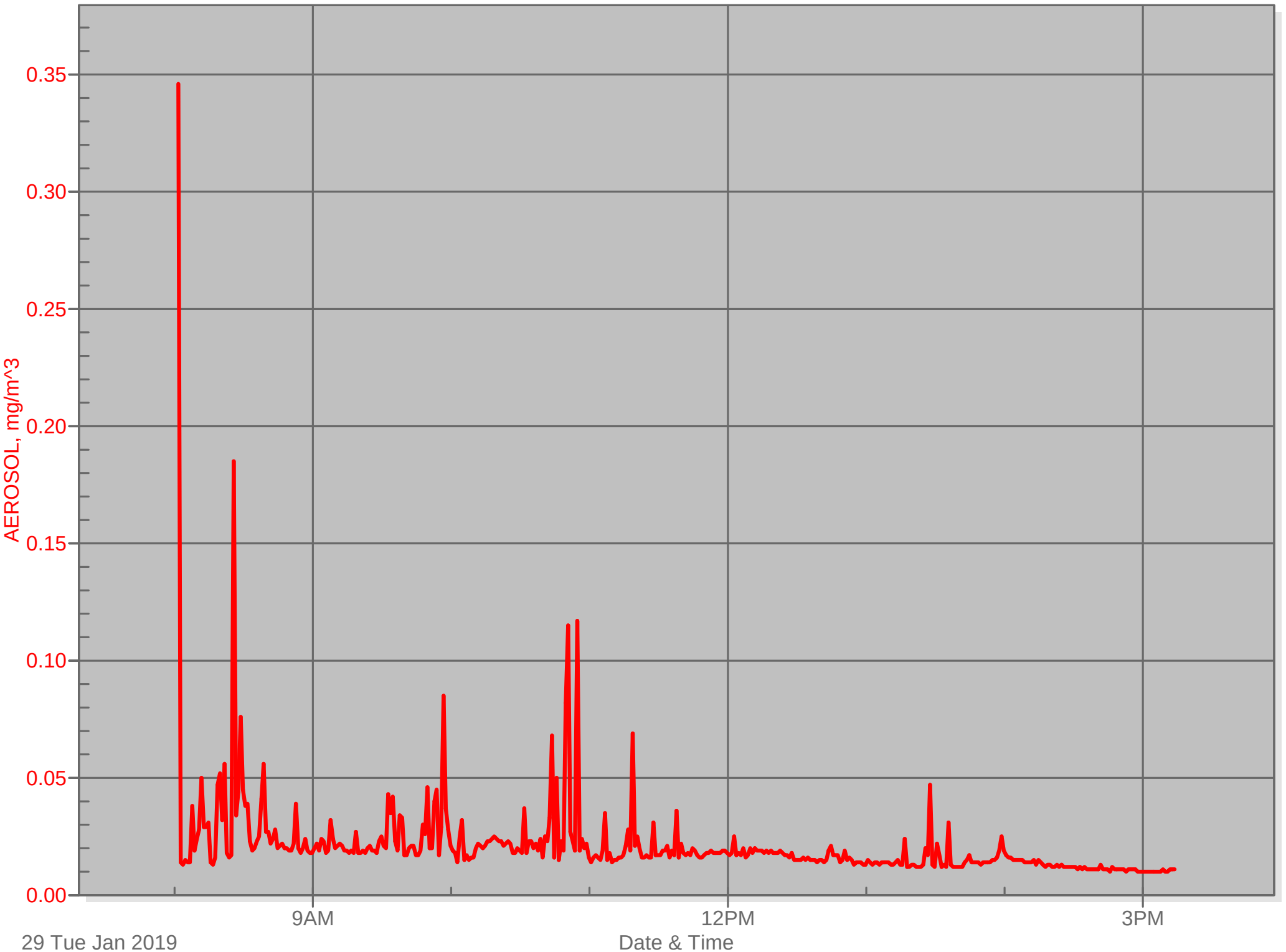
Test 012

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/29/2019
Instrument S/N	8530162808	Start Time	08:00:41
		Stop Date	01/29/2019
		Stop Time	15:13:41
		Total Time	0:07:13:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.021 mg/m ³
Max	0.346 mg/m ³
Max Date	01/29/2019
Max Time	08:01:41
Min	0.010 mg/m ³
Min Date	01/29/2019
Min Time	14:45:41
TWA (8 hr)	0.019
TWA Start Date	01/29/2019
TWA Start Time	08:00:41
TWA End Time	15:13:41

Elim Town Homes

01-29-2019



DAILY FIELD SUMMARY FORM

DATE: 2-4 2019

FILE No. 21.0056884.00

REPORT No. 19-14

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 45°F Partly Cloudy

Temp Range: 52 to 37 °F

Time GZA Arrived on Site: 7:30

Wind Speed: 5-10 mph

Wind Direction: SW

Site Conditions: Snow/Ice/Mud

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nympha
- GZA's Equipment On-Site: DustTrak
MiniRAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

N/A

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone moves stone from staging area to site (Bldg B) for backfill use
- Viscone excavation inside Bldg A foundation for water pipes. No irregularities in soil cap cover or fill were observed. UP/Down of excavation area were screened w/ PID → No elevated readings were observed.
- Viscone backfill excavation trench of Bldg B foundation, on top of installed sewer pipe.
- Viscone removes excavated soils from Bldg A to dirty stock pile area south of site.
- Viscone backfills stone to grade outside of Bldg A+B foundation footings
- GZA observed no elevated levels during CAMP monitoring
- GZA observed no elevated levels of VOCs - 0.0 ppm

Photos taken: YES

Time GZA left Site: 1600

Prepared by: Pete Nympha

Reviewed by: Jim Richert

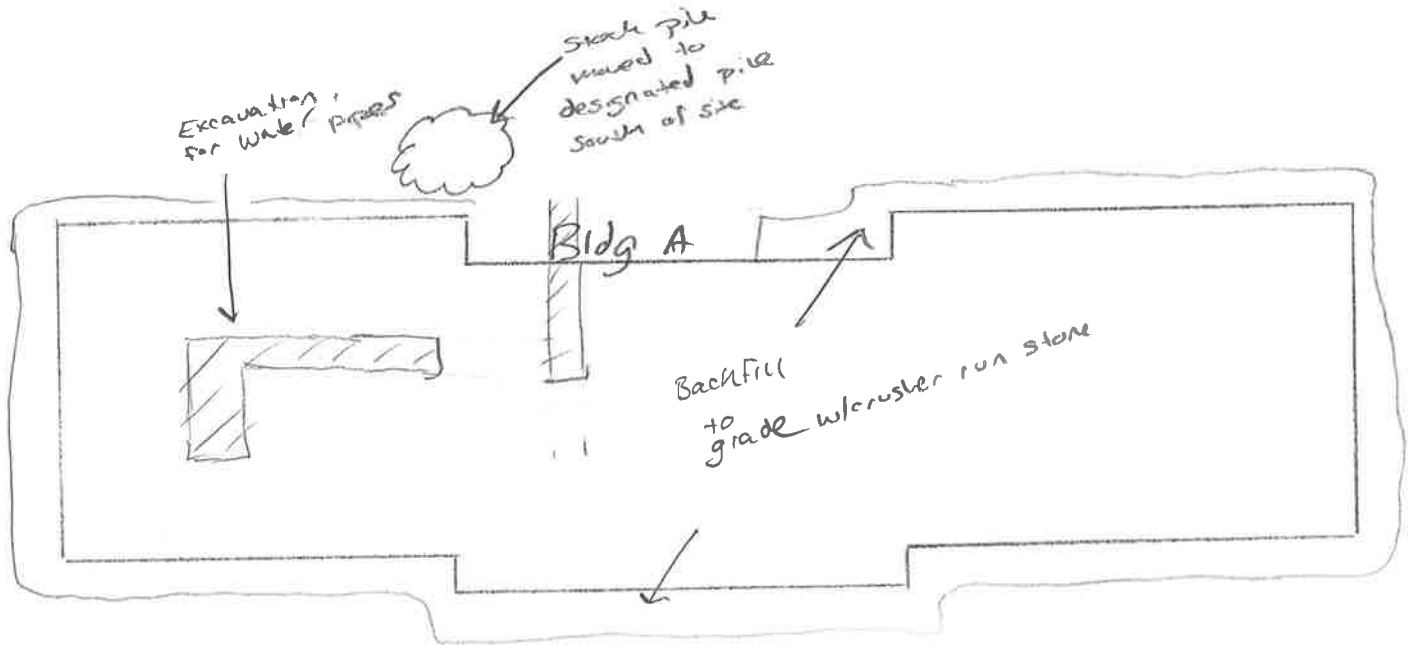
DAILY FIELD SUMMARY FORM

DATE: 2-4 2019

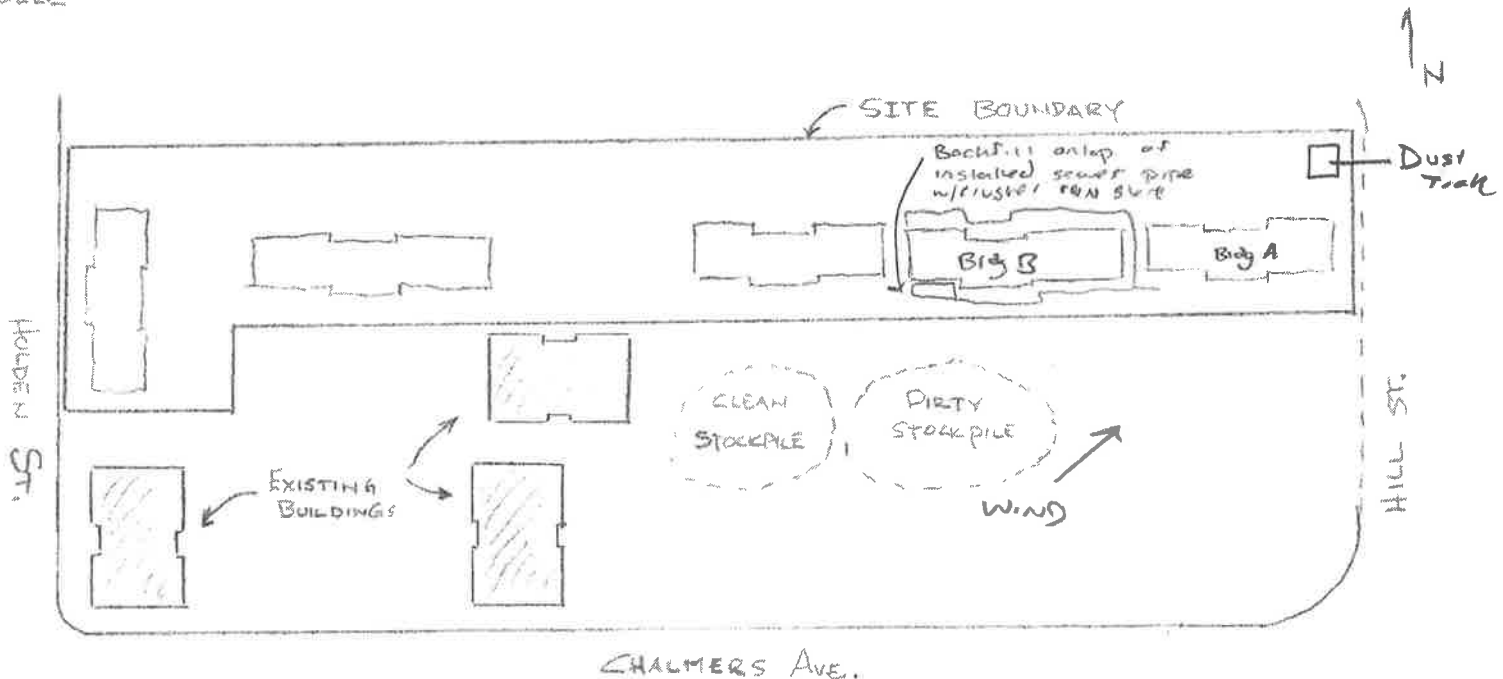
FILE No. 21.0056884.00

REPORT No. 19-14

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



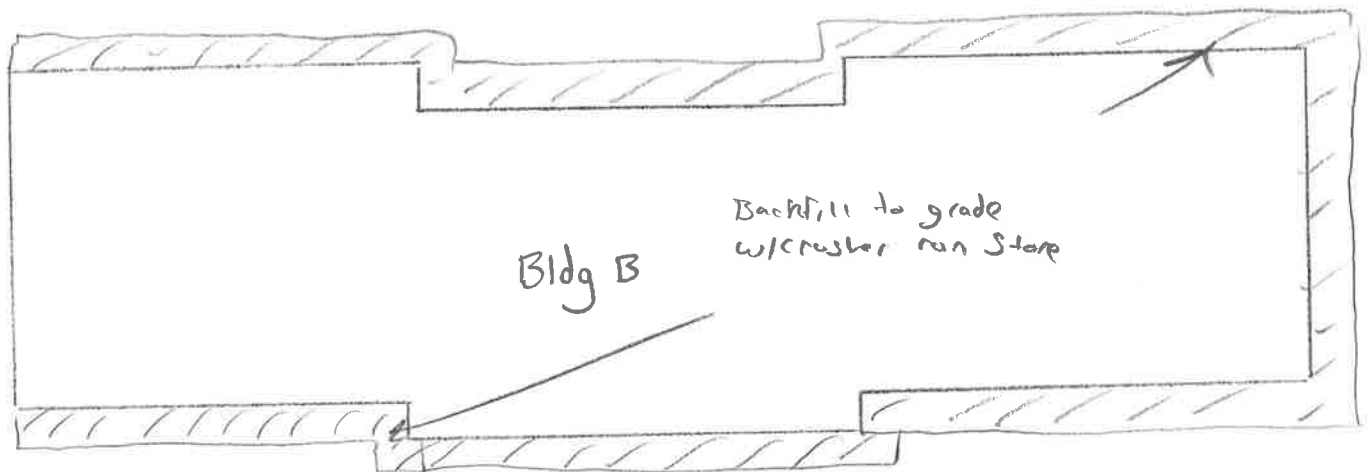
DAILY FIELD SUMMARY FORM

DATE: 2-4 2019

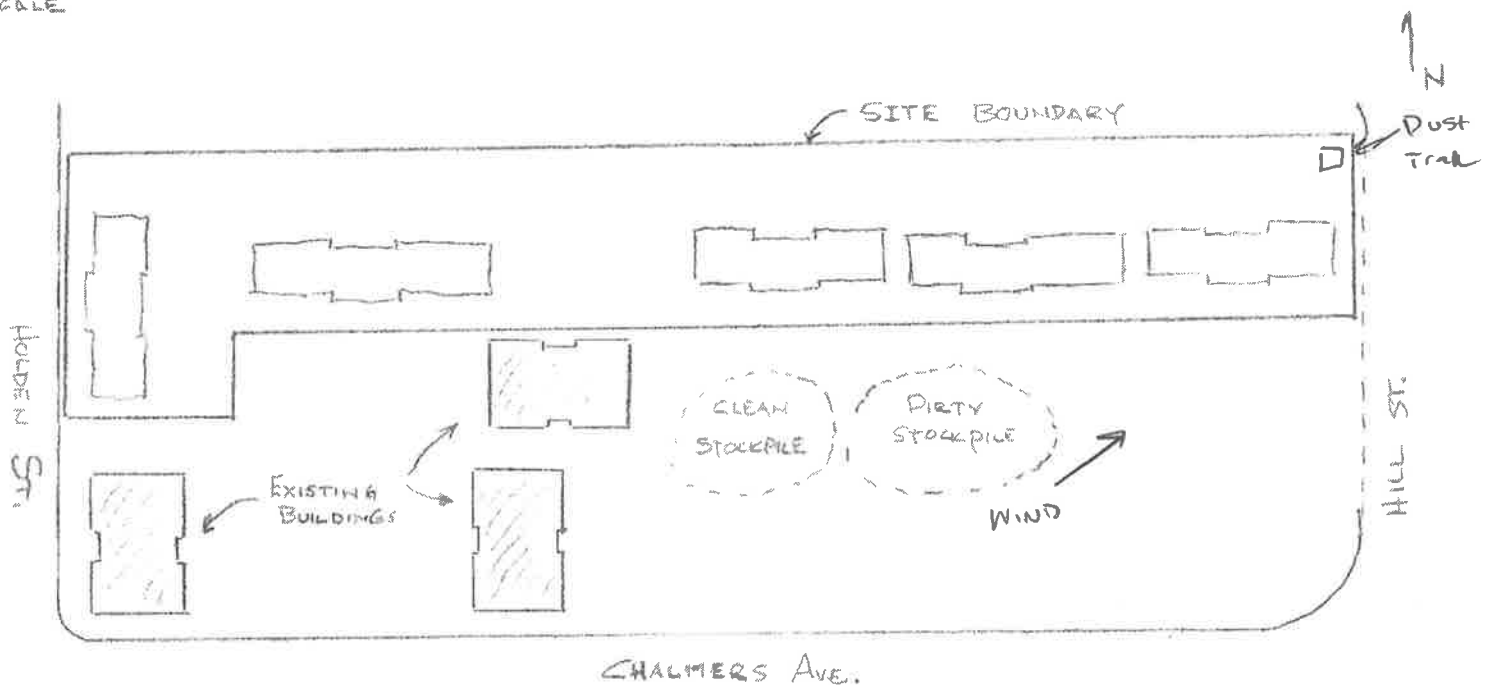
FILE No. 21.0056884.00

REPORT No. 19-14

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



Not to
Scale



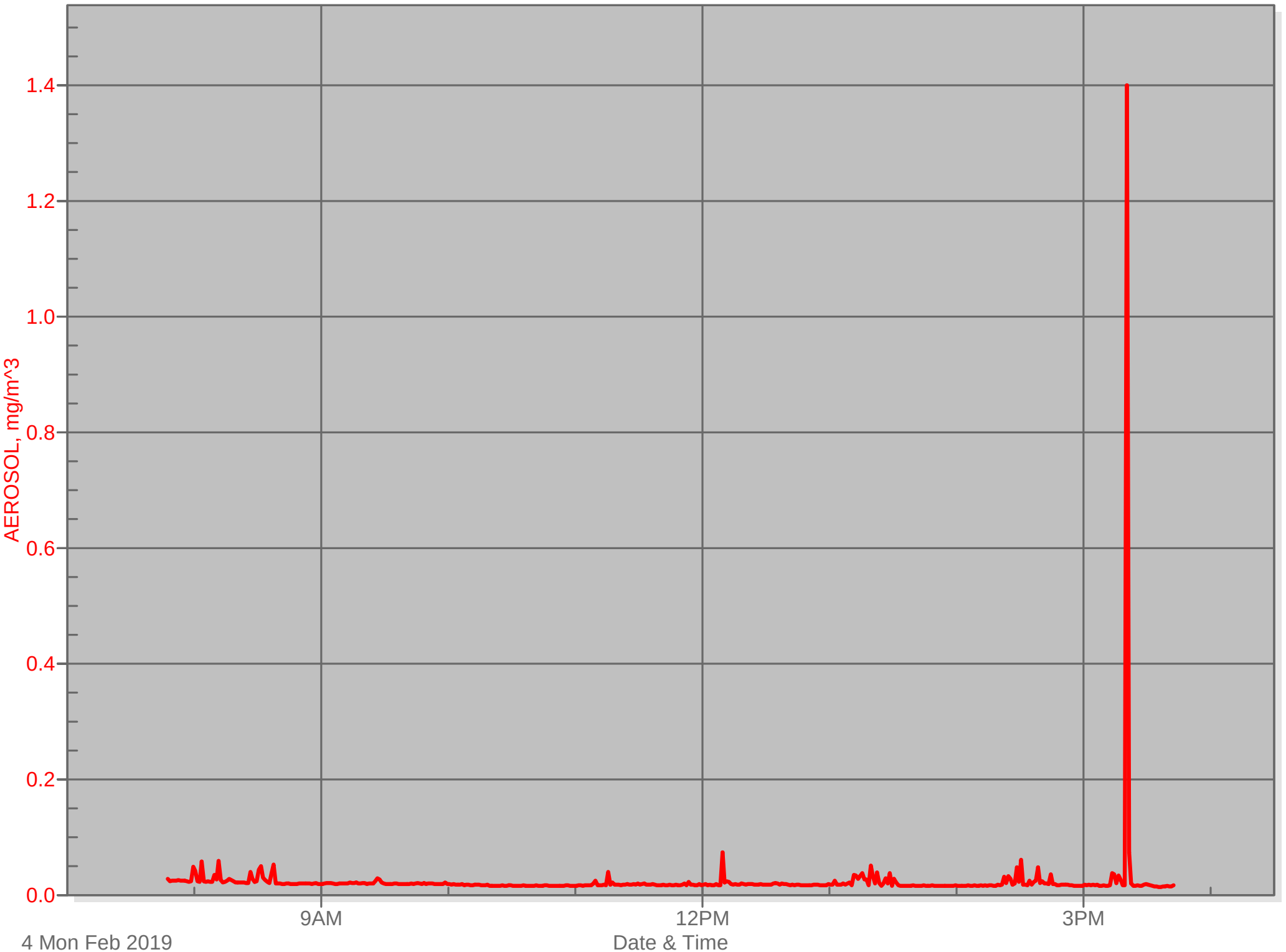
Test 013

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/04/2019
Instrument S/N	8530162808	Start Time	07:46:30
		Stop Date	02/04/2019
		Stop Time	15:42:30
		Total Time	0:07:56:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.023 mg/m ³
Max	1.400 mg/m ³
Max Date	02/04/2019
Max Time	15:20:30
Min	0.014 mg/m ³
Min Date	02/04/2019
Min Time	15:35:30
TWA (8 hr)	0.023
TWA Start Date	02/04/2019
TWA Start Time	07:46:30
TWA End Time	15:42:30

Elim Town Homes

02-04-2019



DAILY FIELD SUMMARY FORM

DATE: 2-5 2019

FILE No. 21.0056884.00

REPORT No. 19-15

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 37°F cloudy

Temp Range: 39 to 24 °F

Time GZA Arrived on Site: 7:20

Wind Speed: 10-15 mph

Wind Direction: SW

Site Conditions: Wet / Muddy

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyznyk
- GZA's Equipment On-Site: Dust Trak
Mini RAE 3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

N/A

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone continues to excavate for water line in Bldg A. → No irregularities in soil cap cover or fill. No elevated PID readings observed up & down wind of excavation area.
- Viscone places D-mant layer in bottom of excavation trench prior to water line installation + backfill.
- Viscone removes excavated soils from site to designation staging area south of site.
- Viscone installs 2" copper water line in Bldg A
- Viscone installs 6" sewer pipe in Bldg A
- GZA did not observe elevated levels of dust during camp monitoring
- GZA did not observe elevated levels of VOC's → 0.0ppm

Photos taken: YOS

Time GZA left Site: 1:550

Prepared by: Pete Nyznyk

Reviewed by: J. Richert

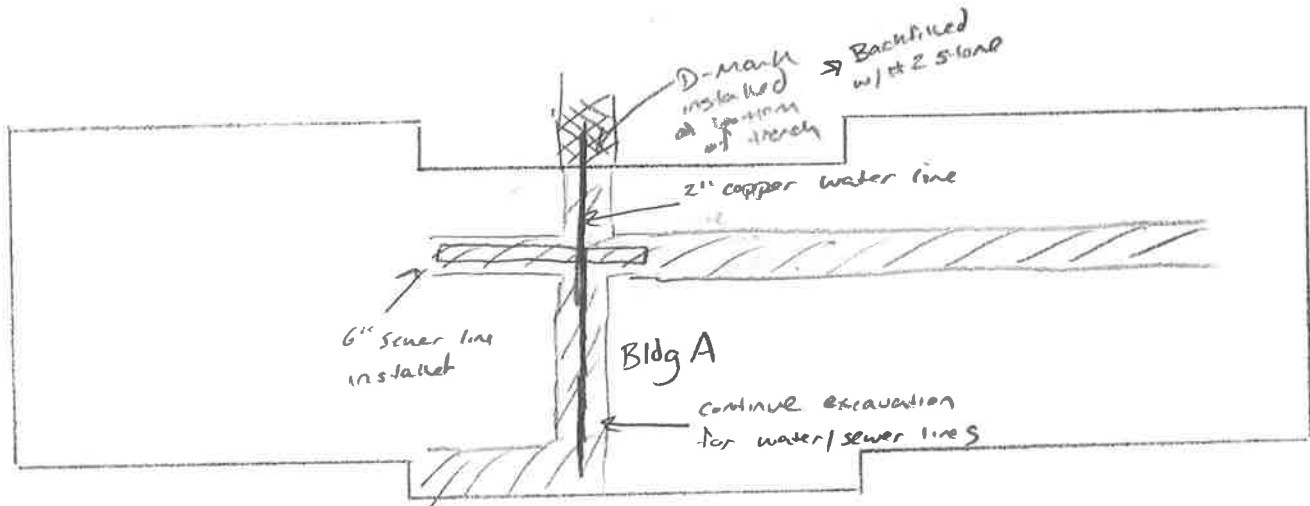
DAILY FIELD SUMMARY FORM

DATE: 2-5 2019

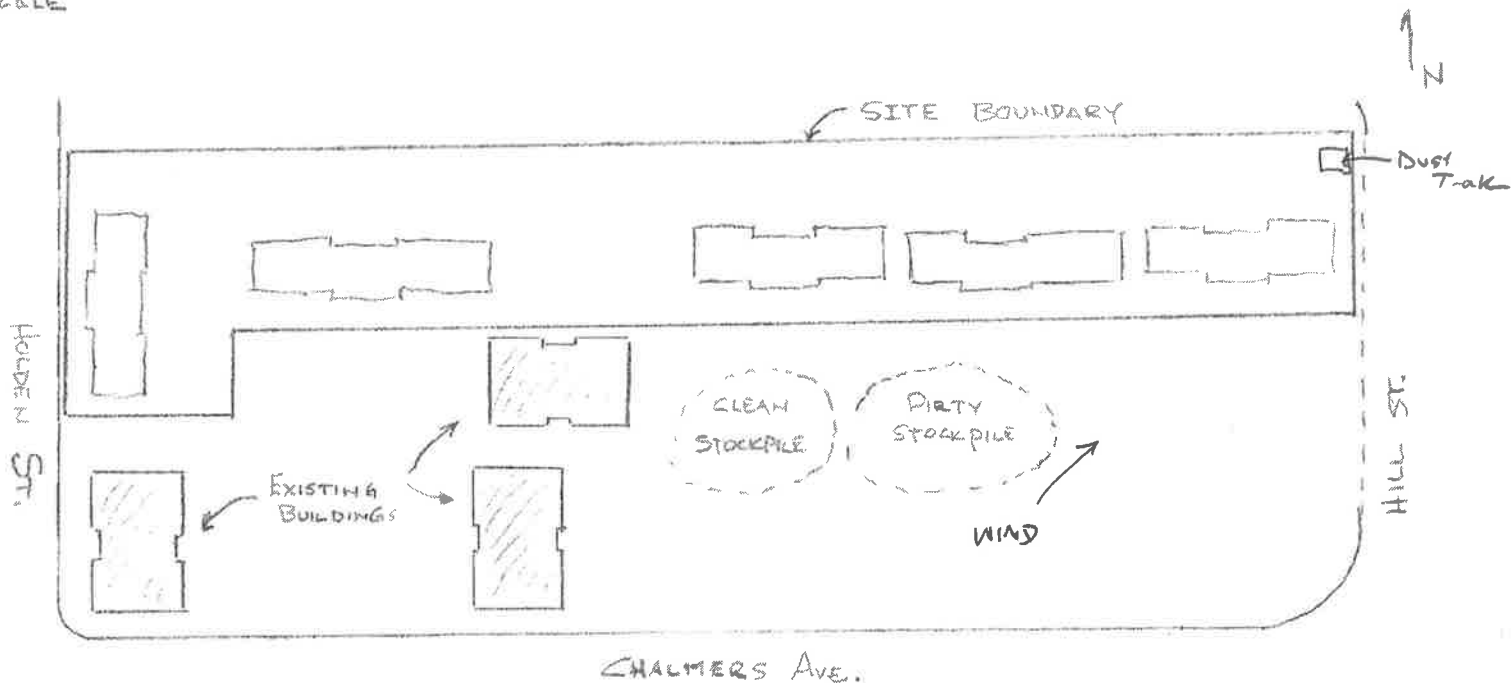
FILE No. 21.0056884.00

REPORT No. 19-15

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



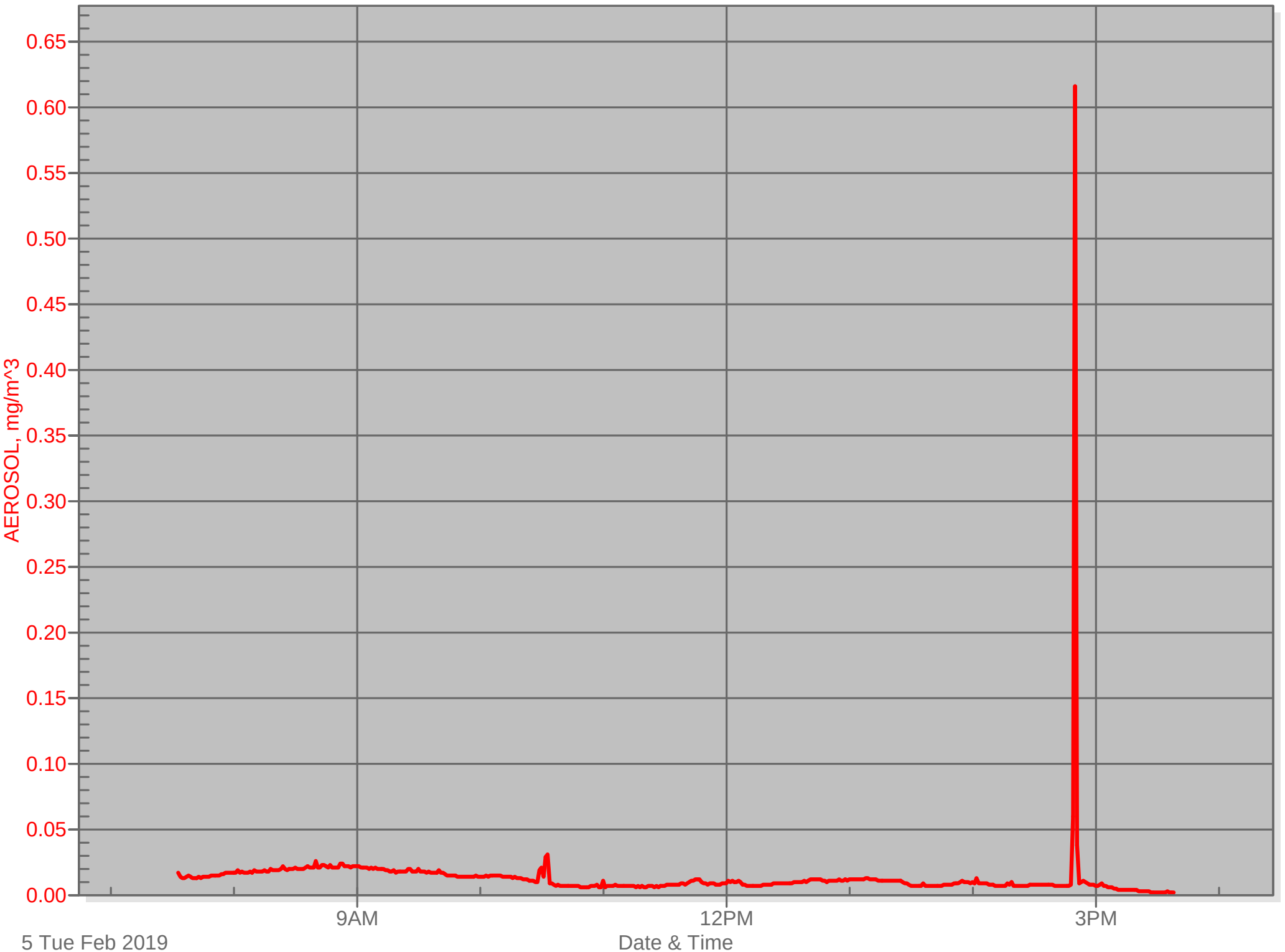
Test 014

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/05/2019
Instrument S/N	8530162808	Start Time	07:31:49
		Stop Date	02/05/2019
		Stop Time	15:37:49
		Total Time	0:08:06:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.013 mg/m ³
Max	0.616 mg/m ³
Max Date	02/05/2019
Max Time	14:49:49
Min	0.002 mg/m ³
Min Date	02/05/2019
Min Time	15:26:49
TWA (8 hr)	0.013
TWA Start Date	02/05/2019
TWA Start Time	07:31:49
TWA End Time	15:37:49

Elim Town Homes

02-05-2019



DAILY FIELD SUMMARY FORM

DATE: 2-6 2019

FILE No. 21.0056884.00

REPORT No. 1916

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: OYDCAST

Temp Range: 28 to 35 °F
Wind Speed: 10-15 mph
Wind Direction: ENE

Time GZA Arrived on Site: 0720

Site Conditions: FROZEN MUD

Contractors on Site: Visone

- GZA Personnel On-Site: Jim Richert
- GZA's Equipment On-Site: DUST TRACK
McNirae 3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

N/A

SUMMARY OF WORK OBSERVED: (See attached field sketch)

Visone: using excavator to reduce
Grade within Building B
by 6". NOT going as low
as denature layer

Plumbing sub CONTRACTOR assembling
Pipes within building A
Foot Print

Photos taken: yes

Time GZA left Site: 0914

Prepared by: Jim Richert

Reviewed by: Pete Nyznyk

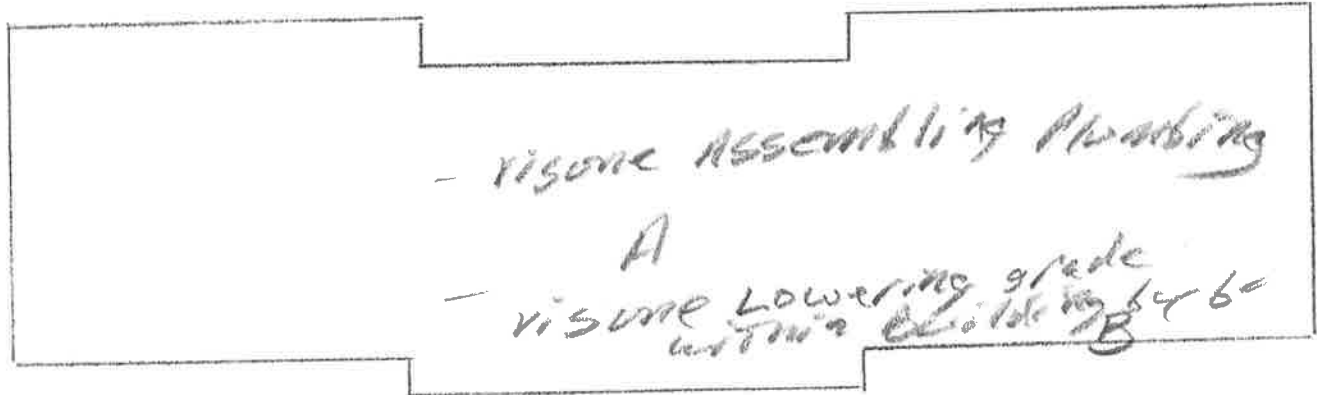
DAILY FIELD SUMMARY FORM

DATE: 2/6 2019

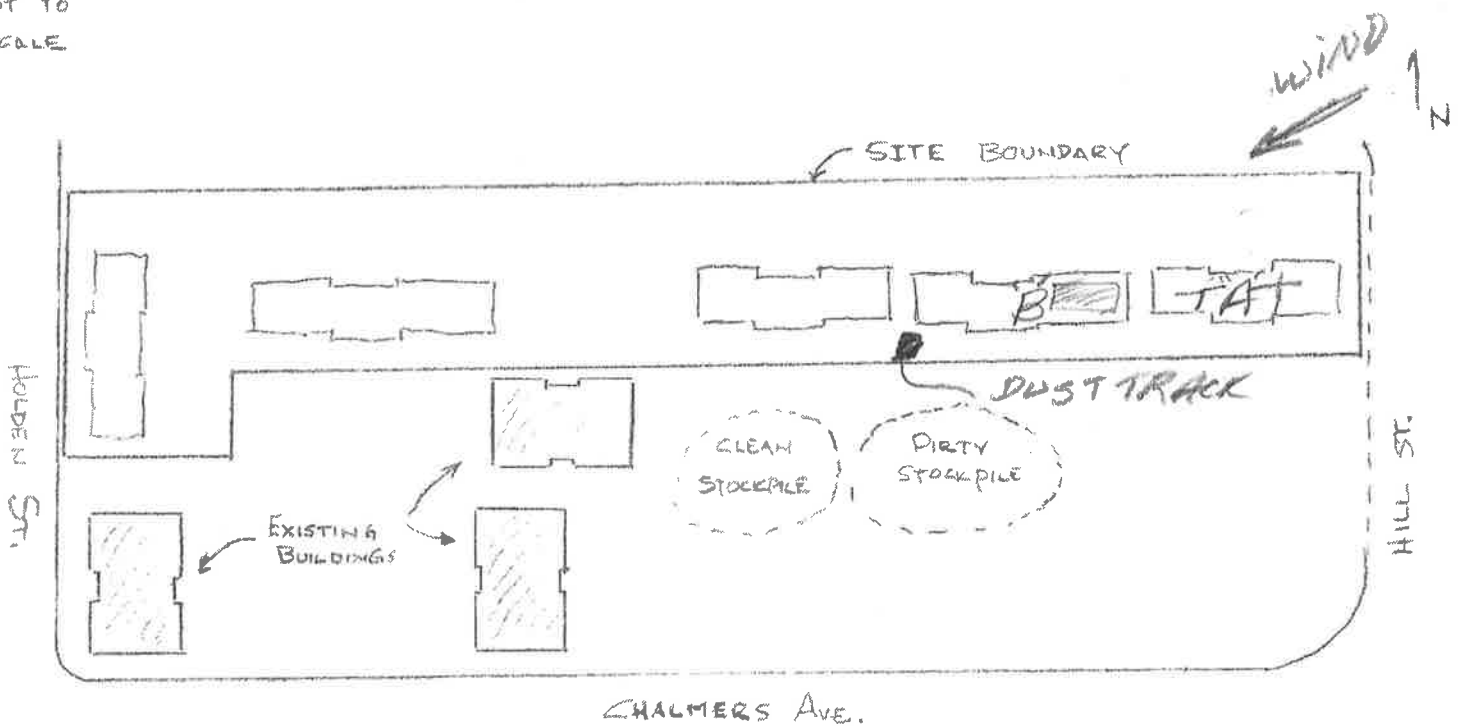
FILE No. 21.0056884.00

REPORT No. 19-16

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



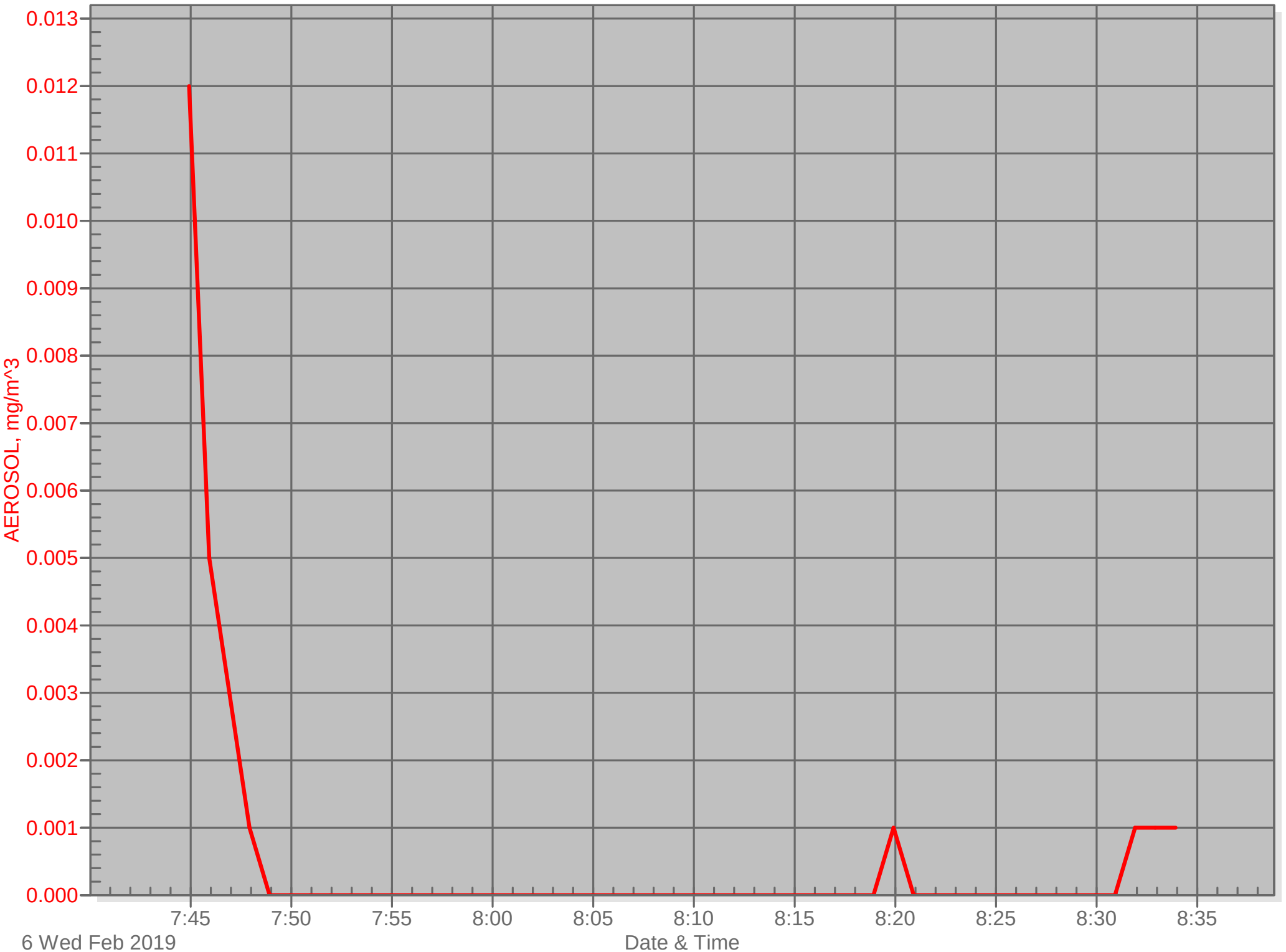
Test 015

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/06/2019
Instrument S/N	8530162808	Start Time	07:43:55
		Stop Date	02/06/2019
		Stop Time	08:33:55
		Total Time	0:00:50:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.001 mg/m ³
Max	0.012 mg/m ³
Max Date	02/06/2019
Max Time	07:44:55
Min	0.000 mg/m ³
Min Date	02/06/2019
Min Time	07:48:55
TWA (8 hr)	0.000
TWA Start Date	02/06/2019
TWA Start Time	07:43:55
TWA End Time	08:33:55

Elim Town Homes

02-06-2019



DAILY FIELD SUMMARY FORM

DATE: 2-7-2019

FILE No. 21.0056884.00

REPORT No. 19-17

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 30° cloudy

Temp Range: 46 to 28 °F

Wind Speed: 5-10 mph

Wind Direction: NE

Time GZA Arrived on Site: 7:20

Site Conditions: Ice + Mud

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyznyk
- GZA's Equipment On-Site: DUSTRAK
Mini RAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure: N/A

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone installs 4" sewer pipe in Bldg A.
- Viscone backfills w/#2 stone in excavation trench in Bldg A on top of installed sewer pipe
- Viscone clears up mud on site road and grades to remove ruts due to recent warm temperatures & thawing.
- Viscone excavates in Bldg B footprint for foundation haunches
- Viscone excavates for foundation footers for Bldg B at west end.
- Viscone drills holes for porch pier on Bldg A
- Viscone backfills inside Bldg B foundation w/#2 stone to grade
- GZA did not observe elevated levels of dust during CAMP monitoring
- GZA did not observe elevated levels of VOC's → 0.0ppm

Photos taken: Yes

Time GZA left Site: 1600

Prepared by: Pete Nyznyk

Reviewed by: Jim Richert

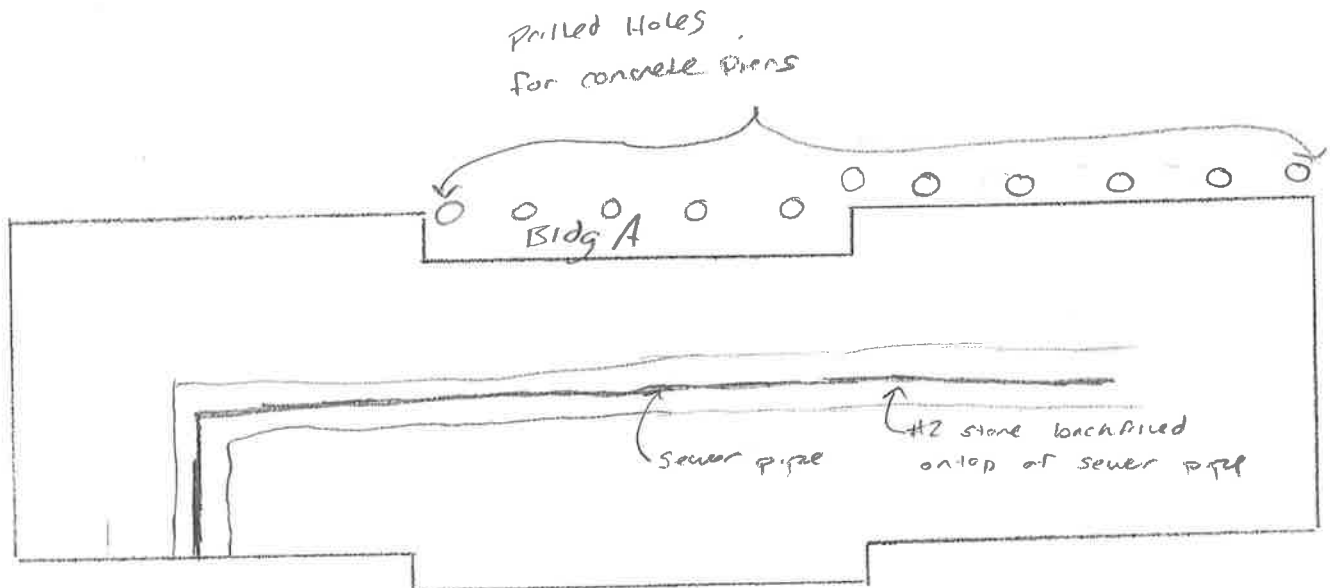
DAILY FIELD SUMMARY FORM

DATE: 2-7-2019

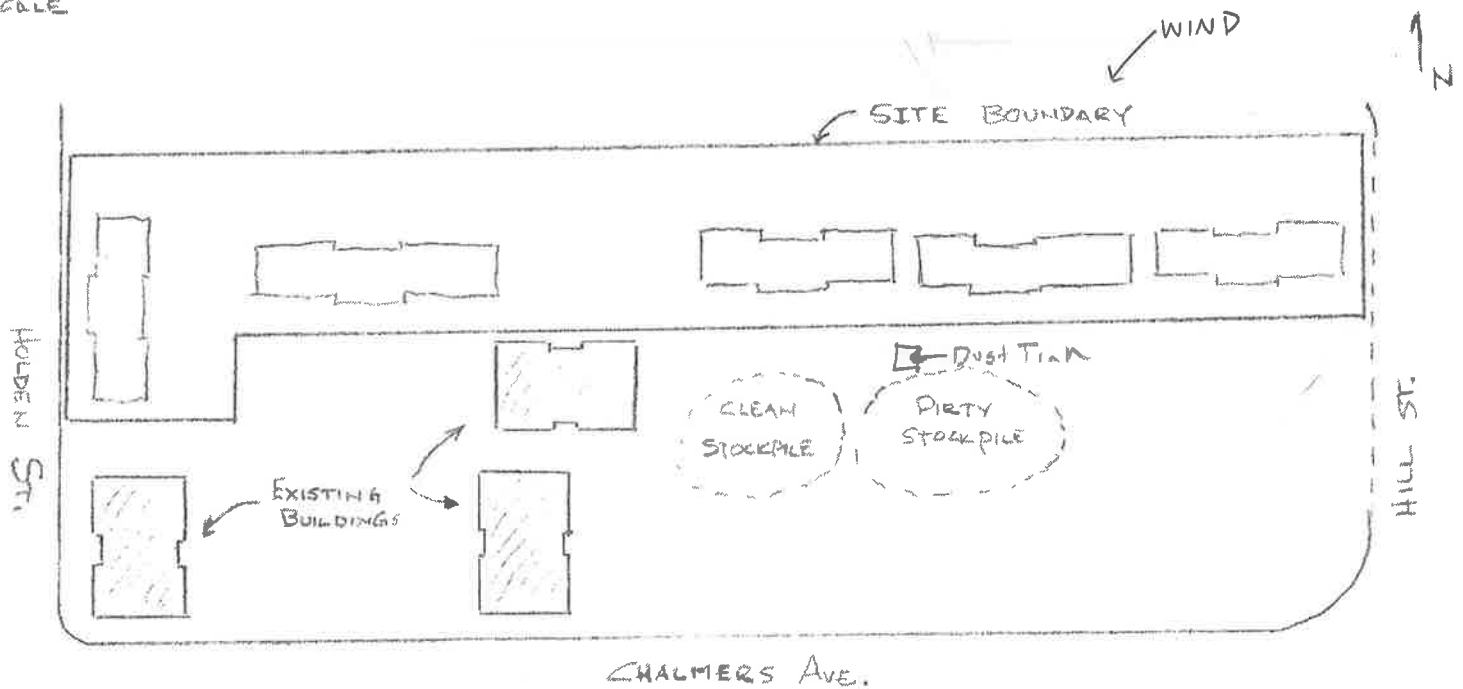
FILE No. 21.0056884.00

REPORT No. 19-17

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



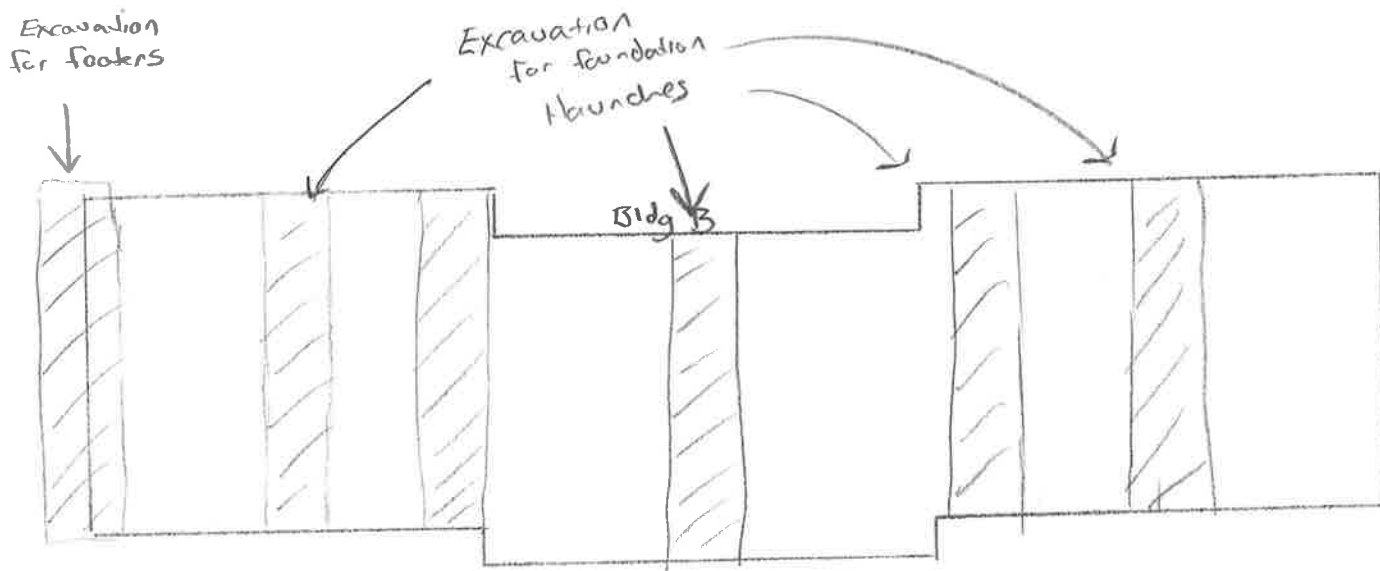
DAILY FIELD SUMMARY FORM

DATE: 2-7-2019

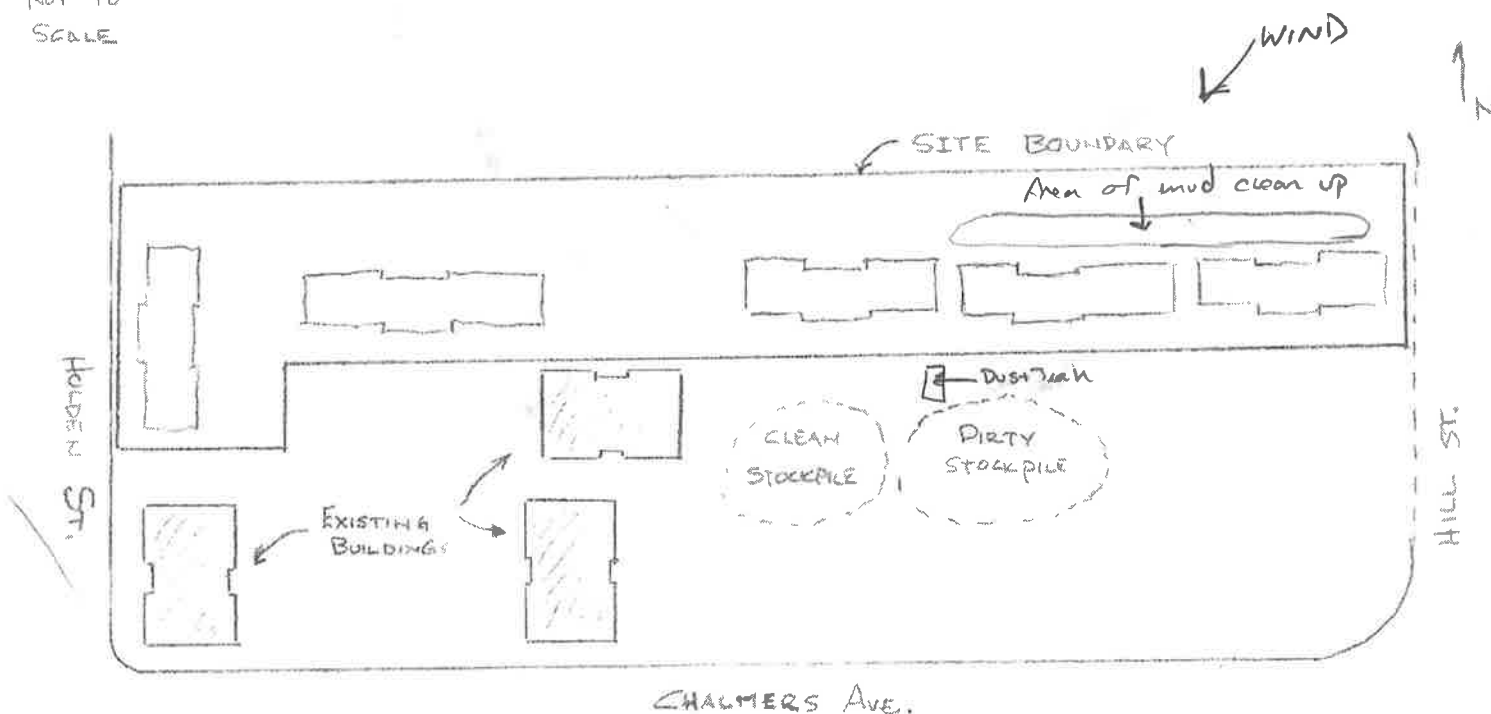
FILE No. 21.0056884.00

REPORT No. 19-17

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



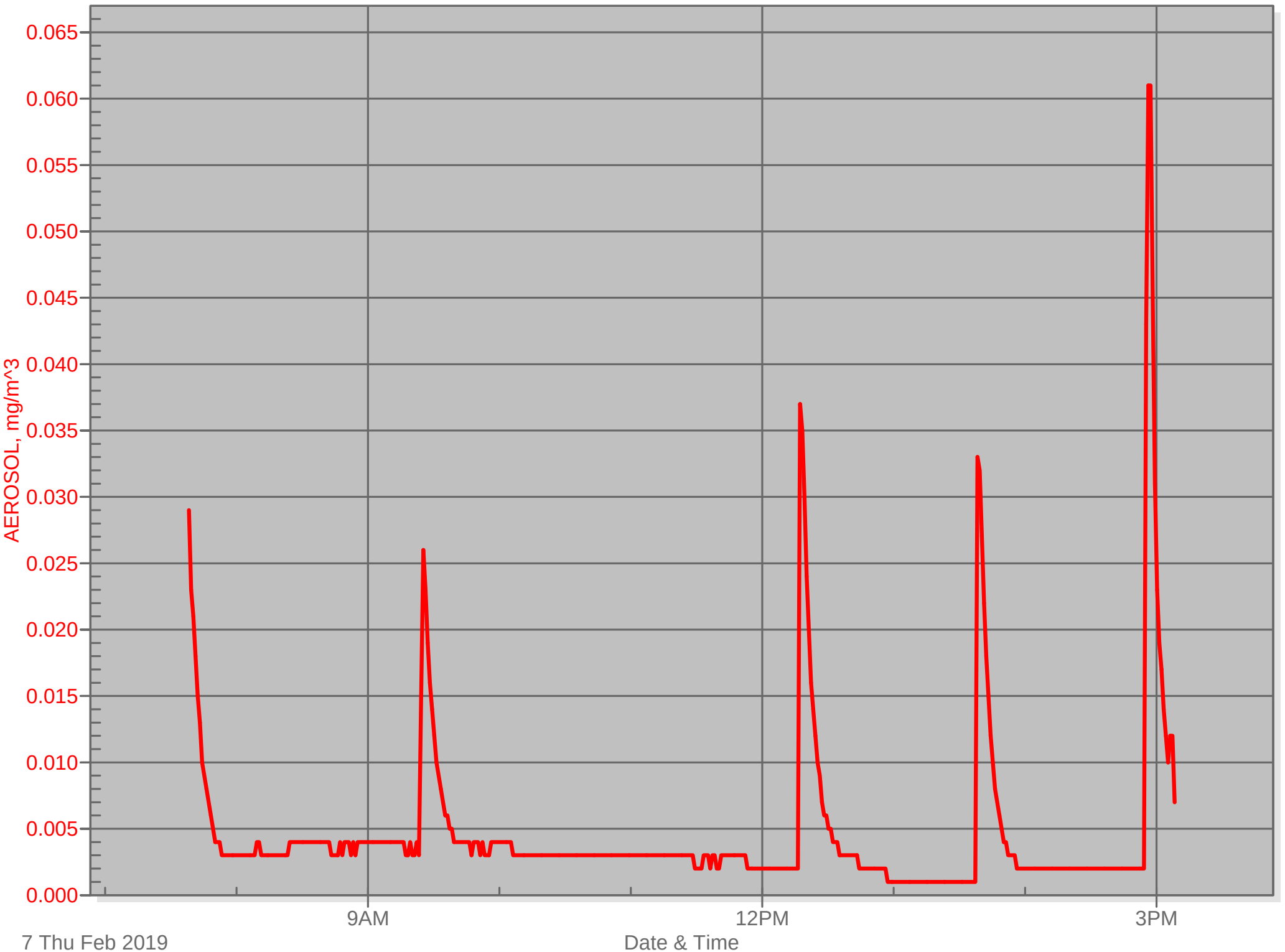
Test 016

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/07/2019
Instrument S/N	8530162808	Start Time	07:37:15
		Stop Date	02/07/2019
		Stop Time	15:08:15
		Total Time	0:07:31:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.005 mg/m ³
Max	0.061 mg/m ³
Max Date	02/07/2019
Max Time	14:56:15
Min	0.001 mg/m ³
Min Date	02/07/2019
Min Time	12:57:15
TWA (8 hr)	0.005
TWA Start Date	02/07/2019
TWA Start Time	07:37:15
TWA End Time	15:08:15

Elim Town Homes

02-07-2019



DAILY FIELD SUMMARY FORM

DATE: 2-8 2019

FILE No. 21.0056884.00

REPORT No. 19-18

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 29°F cloudy

Temp Range: 29 to 15 °F

Wind Speed: 30-60 mph

Wind Direction: SW

Time GZA Arrived on Site: 7:20

Site Conditions: Muddy

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyman
- GZA's Equipment On-Site: Dust Trail
Mini RAE 3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

N/A

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone scrapes mud and removes deep ruts from northern portion of site.
- Viscone removes stock piled soils from site to designated staging area south of site.
- Viscone continues to drill holes for concrete piers for Bldg A.
- Viscone back fills areas of excavation trench in Bldg A where sewer & water lines were installed.
- Viscone finished grading inside Bldg B w/stone to grade.
- Viscone excavates to ~9-12" depth inside Bldg B for foundation brackets.
- Viscone excavates for storm/sewer lines at west end of site.
- Viscone places #2 for bedding for sewer/storm pipe.

Photos taken: Yes During excavation activities no elevated dust levels were observed.
No elevated PID levels were observed.

Time GZA left Site: 1600 NO irregularities in soil cap cover or fill were observed.

Prepared by: Pete Nyman

Reviewed by: Jim Dickert

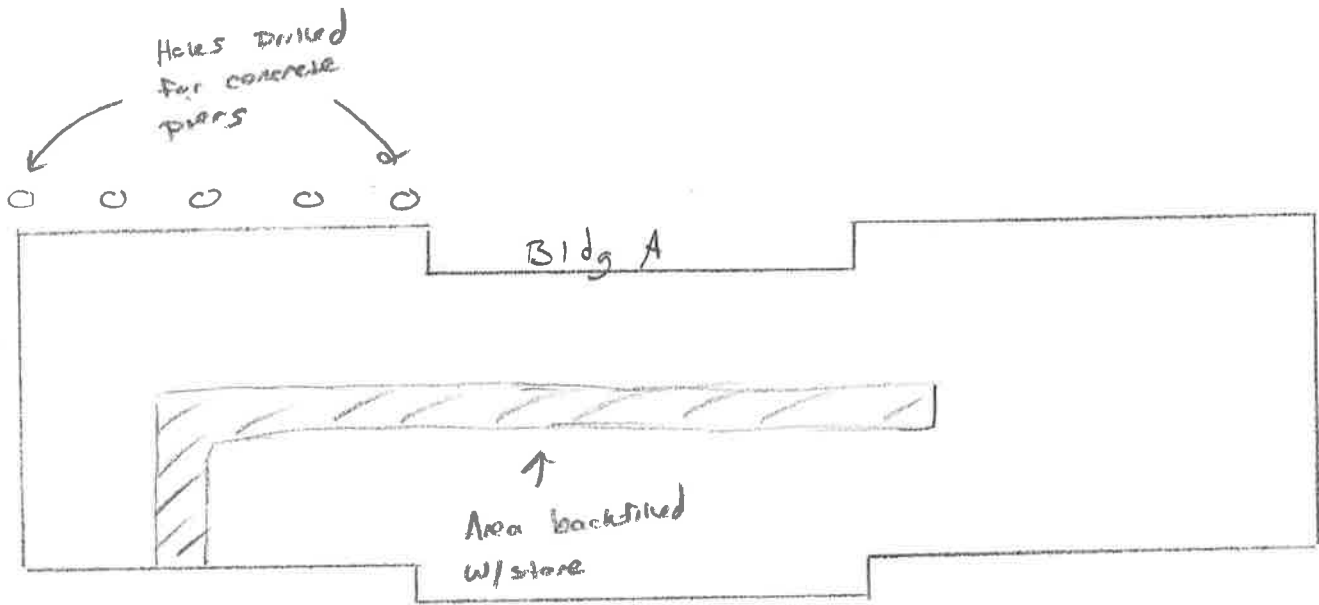
DAILY FIELD SUMMARY FORM

DATE: 2-8 2019

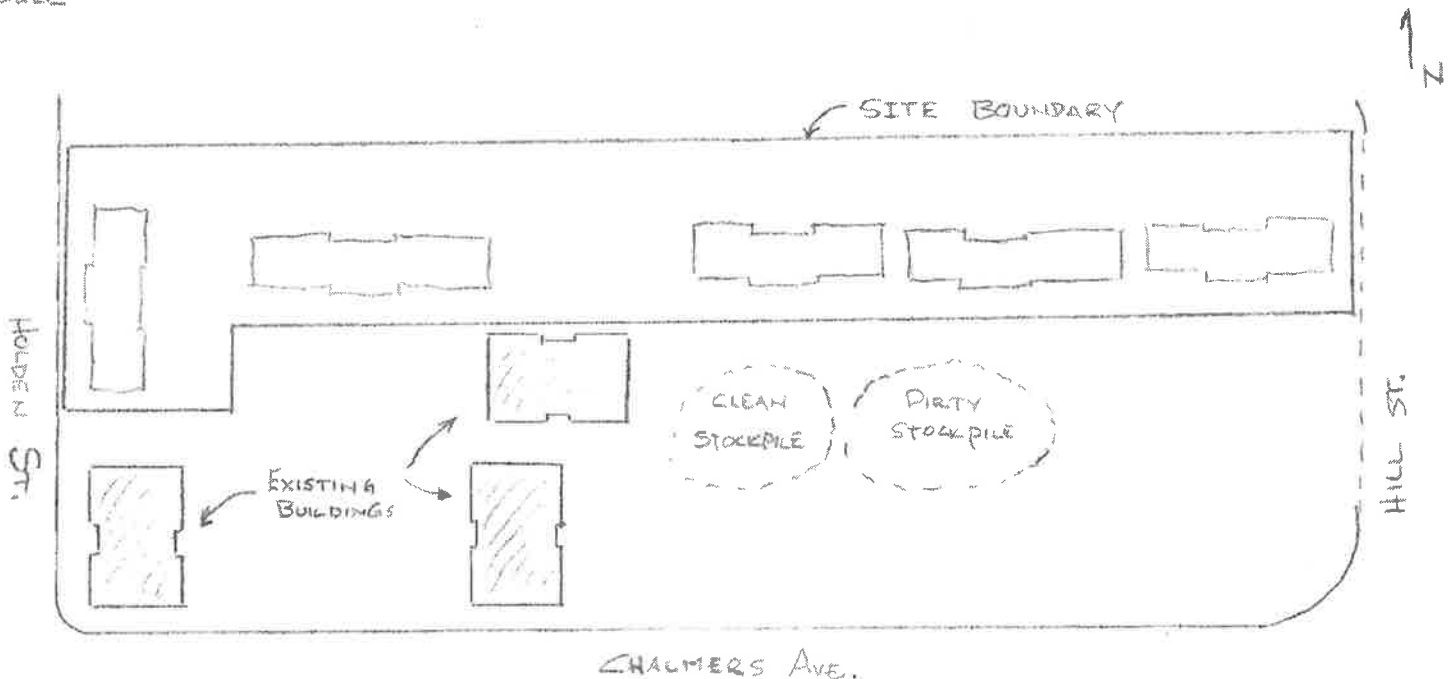
FILE No. 21.0056884.00

REPORT No. 19-18

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



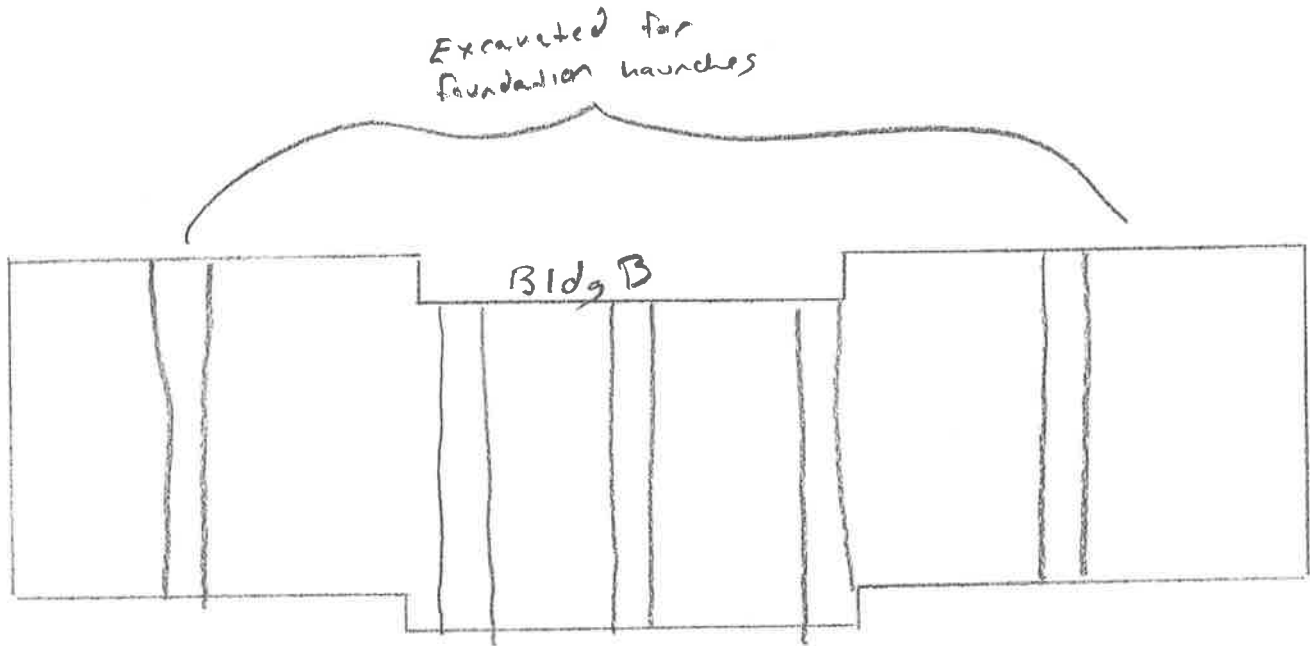
DAILY FIELD SUMMARY FORM

DATE: 2-8 2019

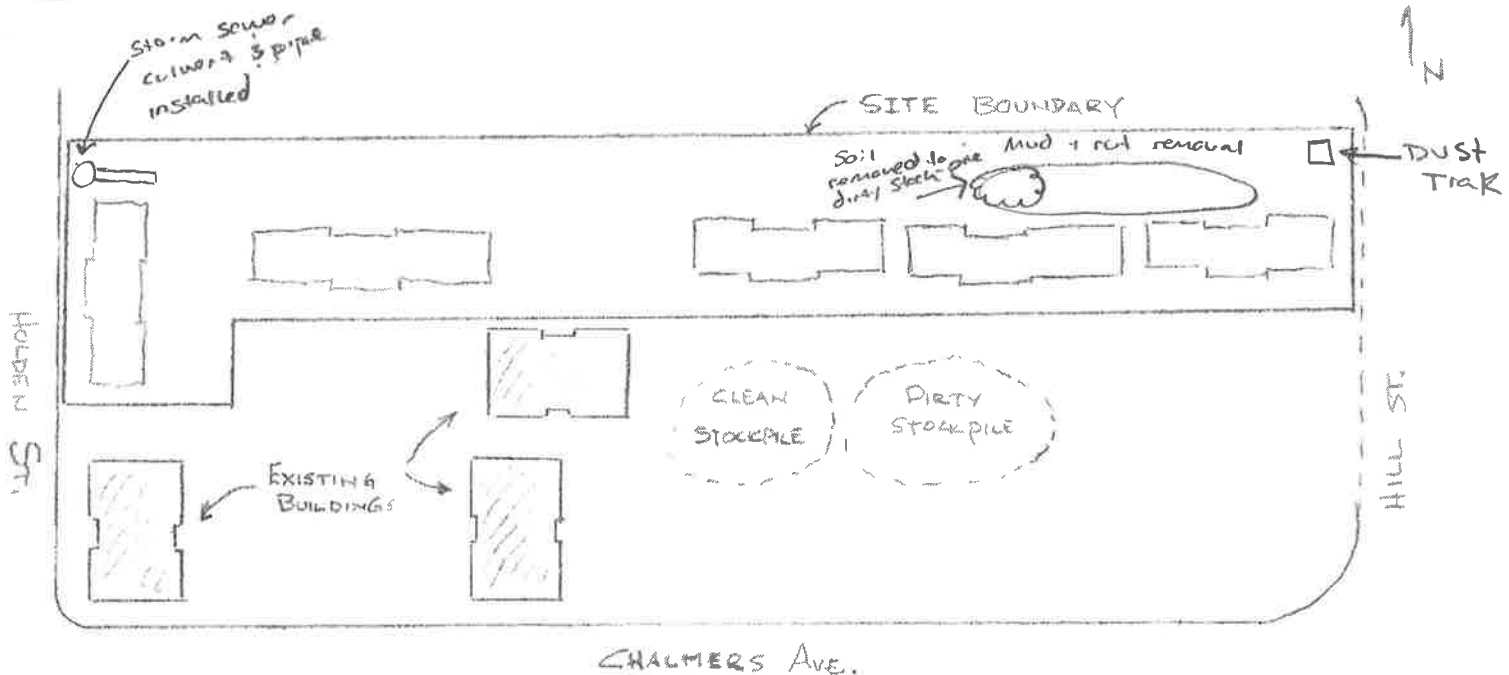
FILE No. 21.0056884.00

REPORT No. 19-18

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



Not to
Scale



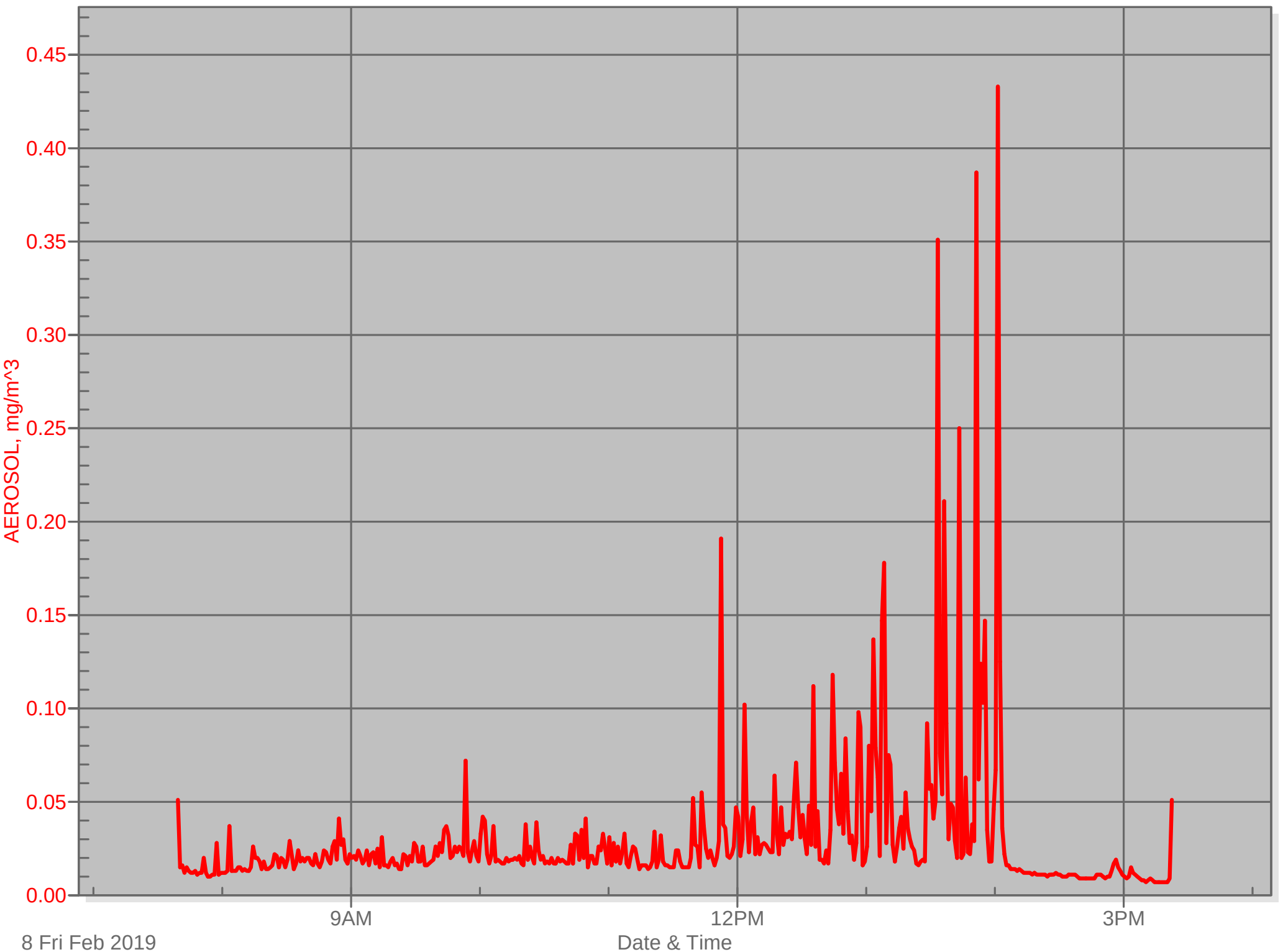
Test 017

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/08/2019
Instrument S/N	8530162808	Start Time	07:38:22
		Stop Date	02/08/2019
		Stop Time	15:22:22
		Total Time	0:07:44:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.029 mg/m ³
Max	0.433 mg/m ³
Max Date	02/08/2019
Max Time	14:01:22
Min	0.007 mg/m ³
Min Date	02/08/2019
Min Time	15:10:22
TWA (8 hr)	0.029
TWA Start Date	02/08/2019
TWA Start Time	07:38:22
TWA End Time	15:22:22

Elim Town Homes

02-08-2019



DAILY FIELD SUMMARY FORM

DATE: 2-11 2019

FILE No. 21.0056884.00

REPORT No. 19-19

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 26° cloudy

Temp Range: 29 to 22 °F

Wind Speed: 10-15 mph

Wind Direction: N-NE

Time GZA Arrived on Site: 7:20

Site Conditions: Dry some snow/ice cover

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyznyk
- GZA's Equipment On-Site: Dust Trak
Mini RAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

N/A

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone continues to excavate for storm/sewer pipe
- Viscone places geotextile on bottom of excavated trench prior to backfill of #1 stone to be placed as bedding material for storm/sewer pipe.
- Viscone places #1 stone for bedding prior to pipe install
- Viscone installs 20' sections of storm/sewer pipe.
- Viscone uses #2 crusher run stone to backfill atop of installed pipe
- Viscone uses #2 crusher run stone to backfill full excavation at west end of Bldg B in preparation for sewer and water installation.
- During excavation activities GZA observed no elevated levels of Dust or PID reading (0.0 ppm). No irregularities in soil cap cover or fill were observed.

Photos taken: No

Time GZA left Site: 1505

Prepared by: Pete Nyznyk

Reviewed by: Jim Richert

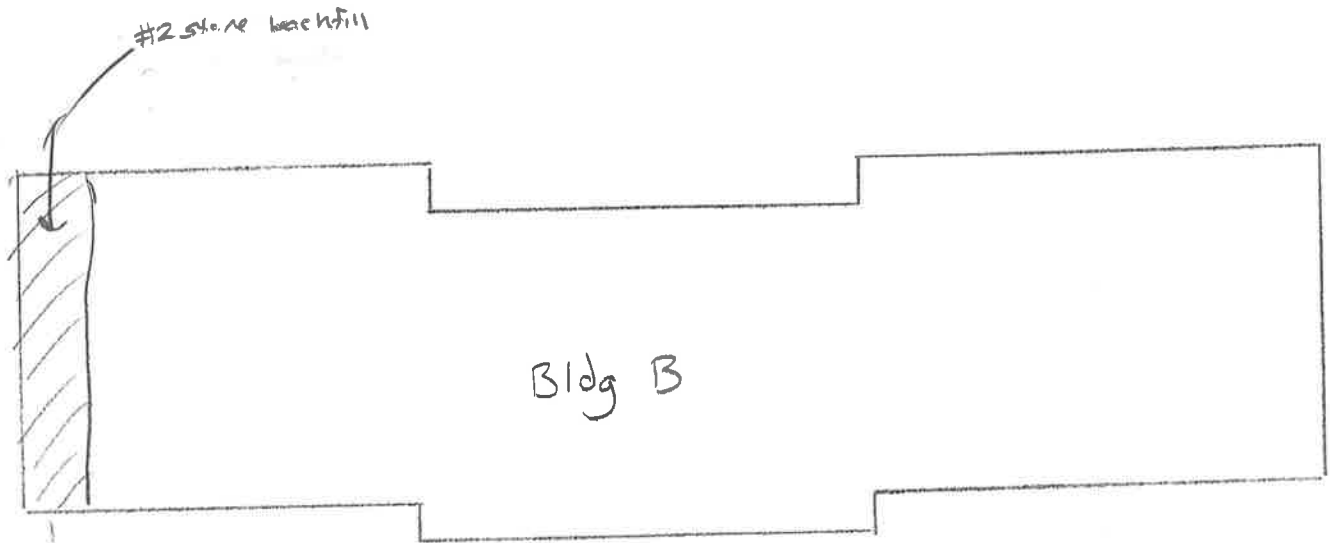
DAILY FIELD SUMMARY FORM

DATE: 2-11 2019

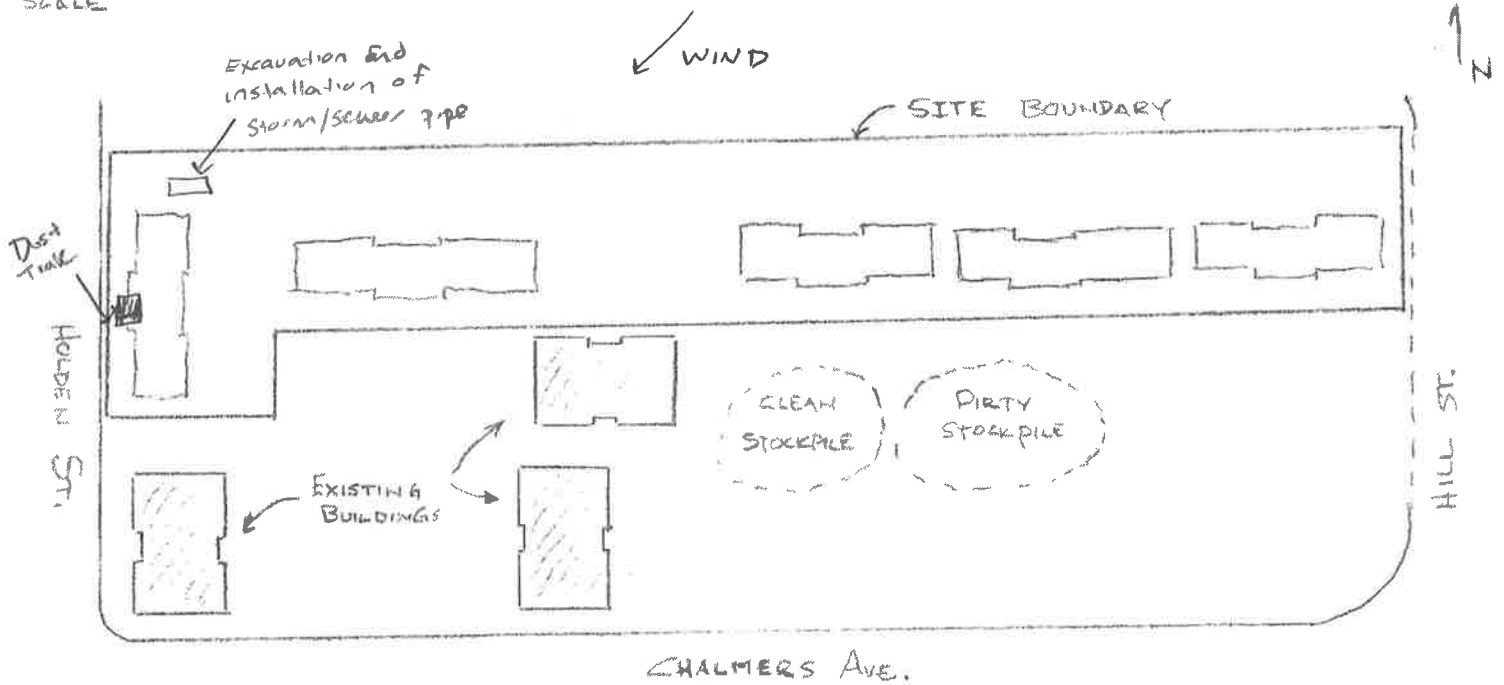
FILE No. 21.0056884.00

REPORT No. 19-19

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



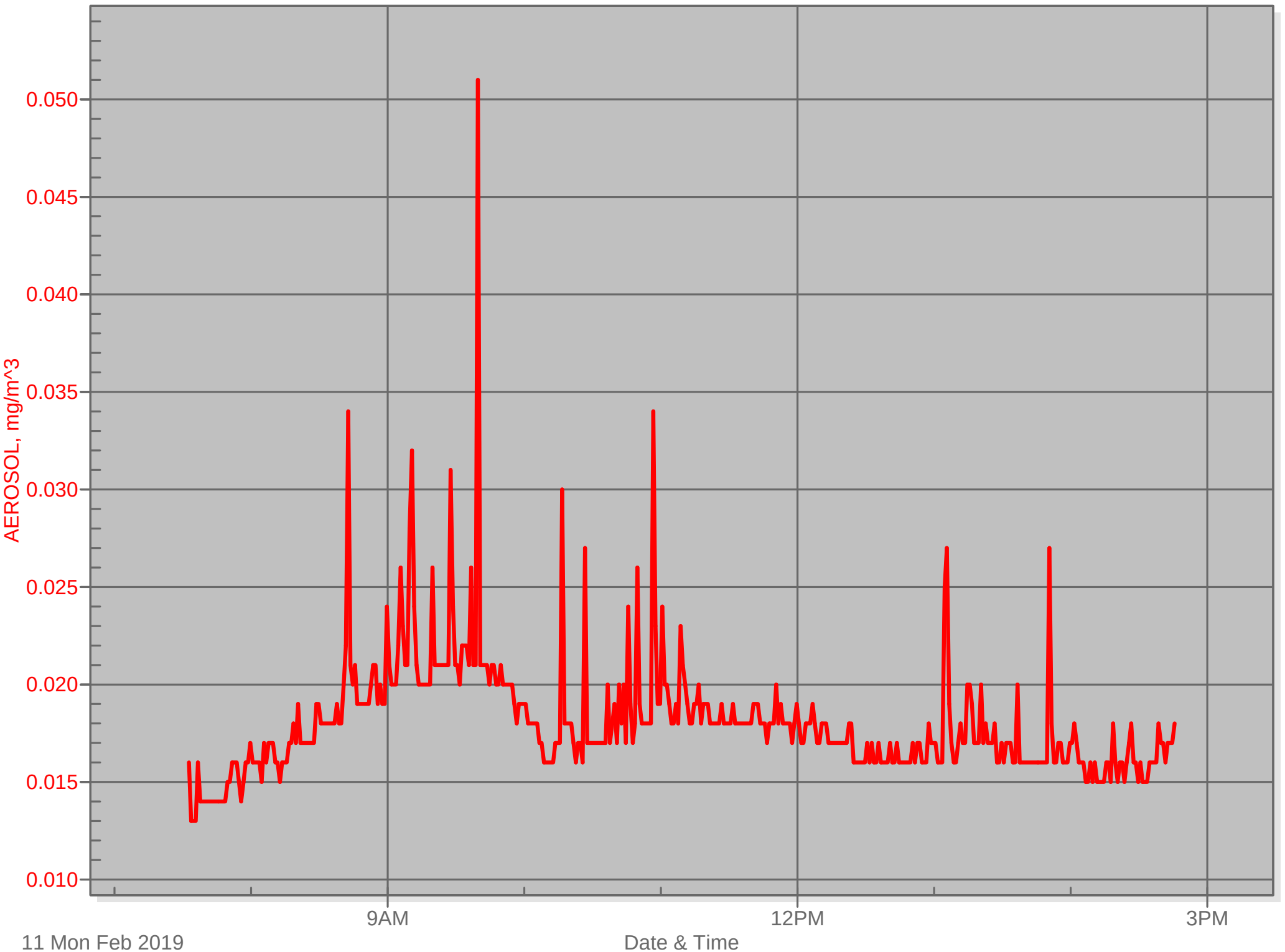
Test 018

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/11/2019
Instrument S/N	8530162808	Start Time	07:31:38
		Stop Date	02/11/2019
		Stop Time	14:45:38
		Total Time	0:07:14:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.018 mg/m ³
Max	0.051 mg/m ³
Max Date	02/11/2019
Max Time	09:39:38
Min	0.013 mg/m ³
Min Date	02/11/2019
Min Time	07:33:38
TWA (8 hr)	0.016
TWA Start Date	02/11/2019
TWA Start Time	07:31:38
TWA End Time	14:45:38

Elim Town Homes

02-11-2019



DAILY FIELD SUMMARY FORM

DATE: 2-12-2019

FILE No. 21.0056884.00

REPORT No. 19-20

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 23°F Snow

Temp Range: 23 to 19 °F

Wind Speed: 15-20 mph

Wind Direction: NE

Time GZA Arrived on Site: 7:15

Site Conditions: Snow/Ice cover

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Mzynyk
- GZA's Equipment On-Site: Dust Trak
MiniRAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

N/A

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone excavates to tie into existing sanitary sewer.
- Viscone installs pipe into existing sanitary sewer into concrete catch basin
↳ after pipe was installed #2 stone was used to backfill excavation.
- Viscone moves stock pile of excavated soils near Bldg B foundation to the designated staging area for soils south of site.
- Viscone moves excavated soil from storm/sewer excavation to designated stock pile area south of the site.
- Viscone excavates for storm water catch basin in NW corner of site.
↳ concrete storm water catch basin installed
- GZA did not observe elevated levels of dust during CAMP monitoring
- GZA did not observe elevated levels of VOCs 90.0ppm

Photos taken: Yes

Time GZA left Site: 1:15

Prepared by: Pete Mzynyk

Reviewed by: Jim Richert

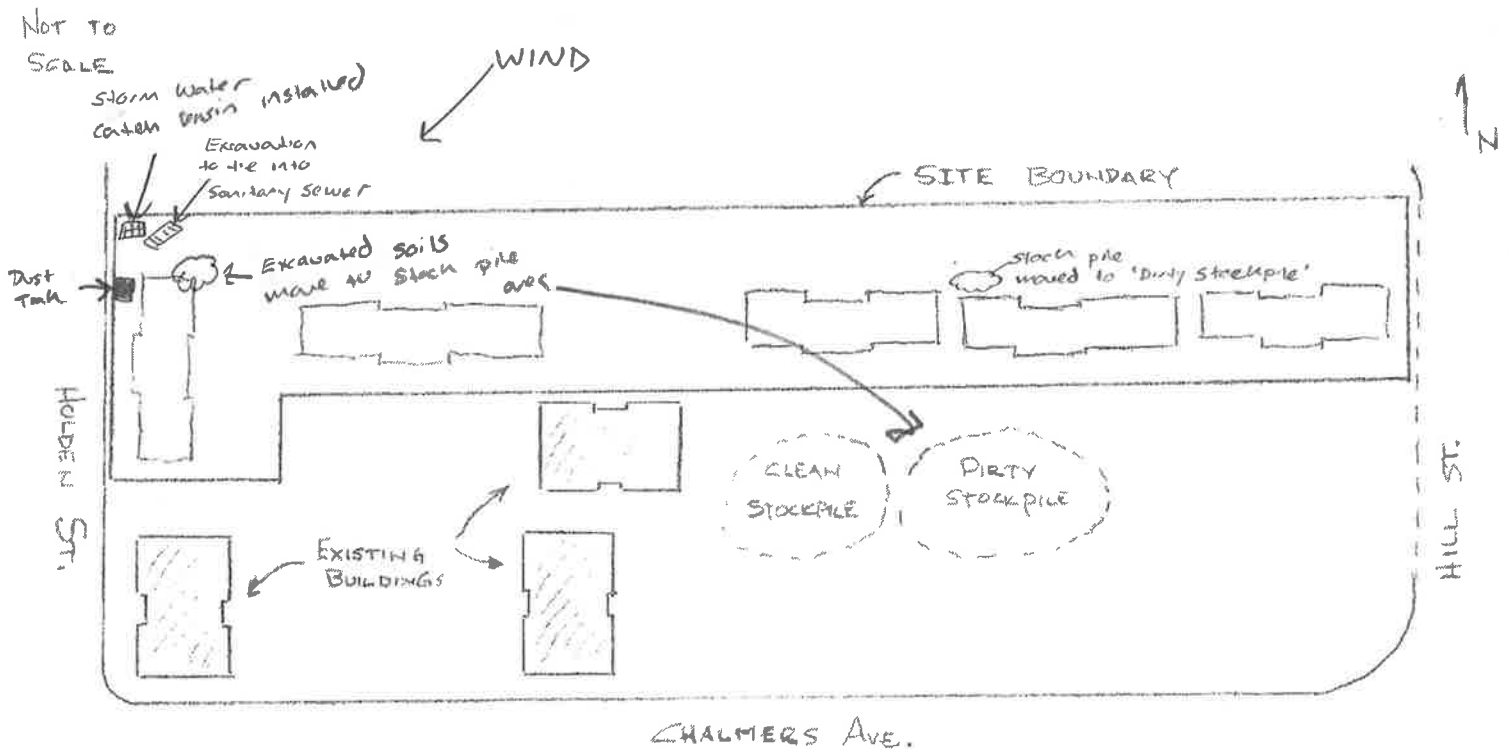
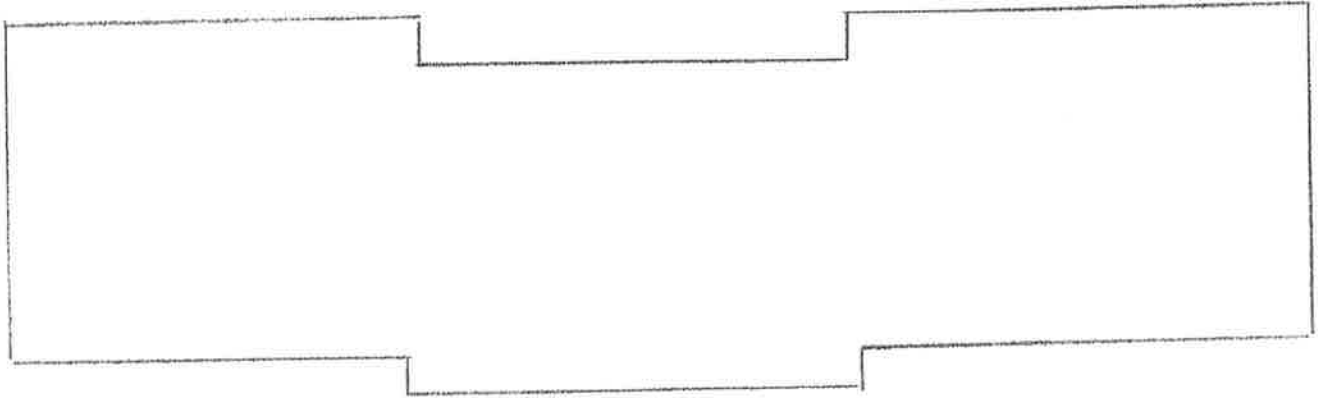
DAILY FIELD SUMMARY FORM

DATE: 2-12- 2019

FILE No. 21.0056884.00

REPORT No. 19-20

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



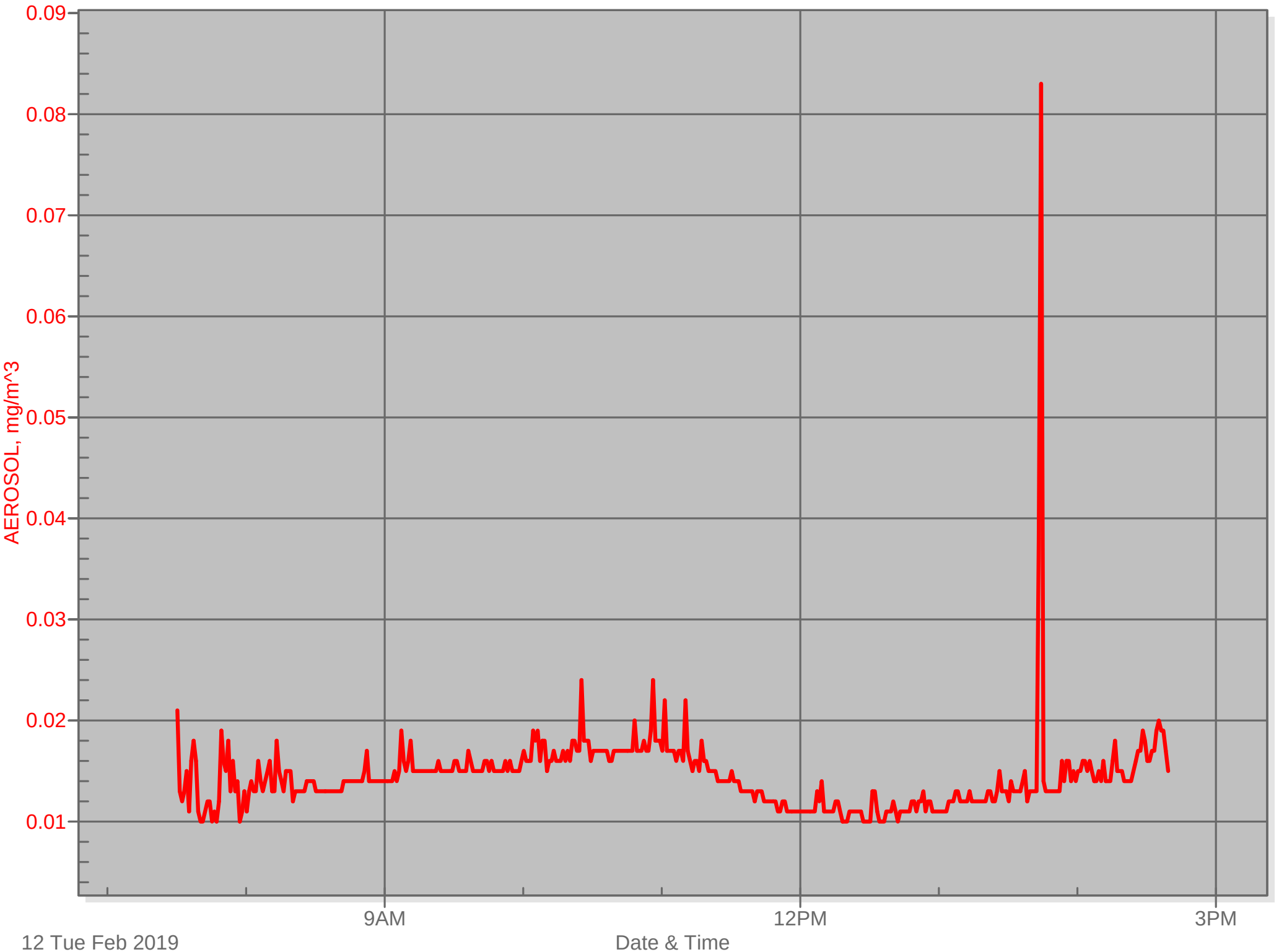
Test 019

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/12/2019
Instrument S/N	8530162808	Start Time	07:29:17
		Stop Date	02/12/2019
		Stop Time	14:39:17
		Total Time	0:07:10:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.014 mg/m ³
Max	0.083 mg/m ³
Max Date	02/12/2019
Max Time	13:44:17
Min	0.010 mg/m ³
Min Date	02/12/2019
Min Time	07:40:17
TWA (8 hr)	0.013
TWA Start Date	02/12/2019
TWA Start Time	07:29:17
TWA End Time	14:39:17

Elim Town Homes

02-12-2019



DAILY FIELD SUMMARY FORM

DATE: 2-13 2019

FILE No. 21.0056884.00

REPORT No. 19-21

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 26°F ^{SNOW +} High winds
Temp Range: 25 to 28 °F
Wind Speed: 25-40 mph
Wind Direction: WSW

Time GZA Arrived on Site: 7:25

Site Conditions: ice covered

Contractors on Site: Visone

• GZA Personnel On-Site: Jim Richert / Mike Kress

• GZA's Equipment On-Site: DUST TRAK
MINIRAE 3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

N/A

SUMMARY OF WORK OBSERVED: (See attached field sketch)

Visone

- EXCAVATING + GRADING between south site boundary + Buildings A + B.
- plumbing subcontractor assembling PVC plumbing IN Building A FOUNDATION

clean soils above demarc fabric being stockpiled in clean stockpile. Soils beneath demarc taken to dirty stockpile.

Photos taken: YES

Time GZA left Site: JRK 9:30 / MK 14:45

Prepared by: Jim Richert / MIKE KRESS

Reviewed by: Jim Richert / Pete Nyzyn

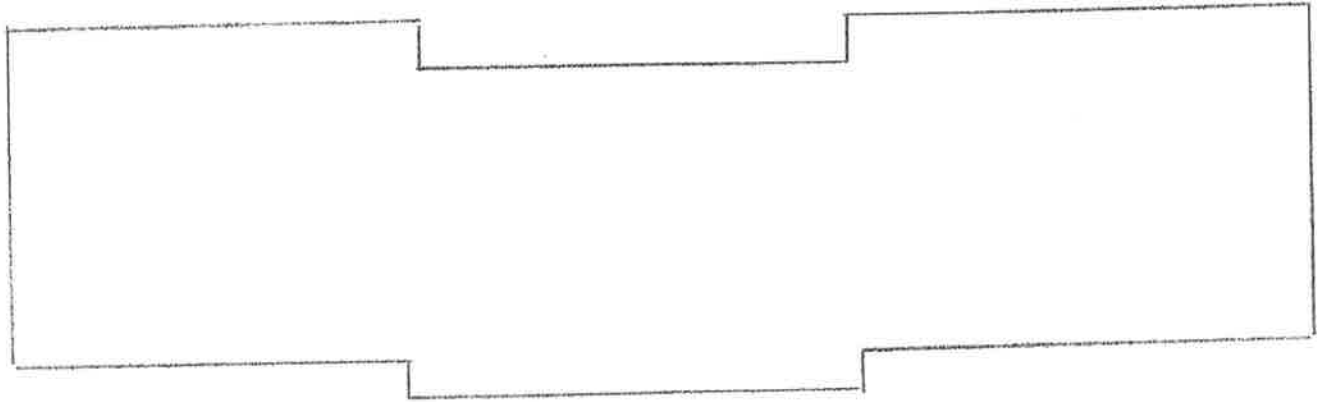
DAILY FIELD SUMMARY FORM

DATE: 2-13 2019

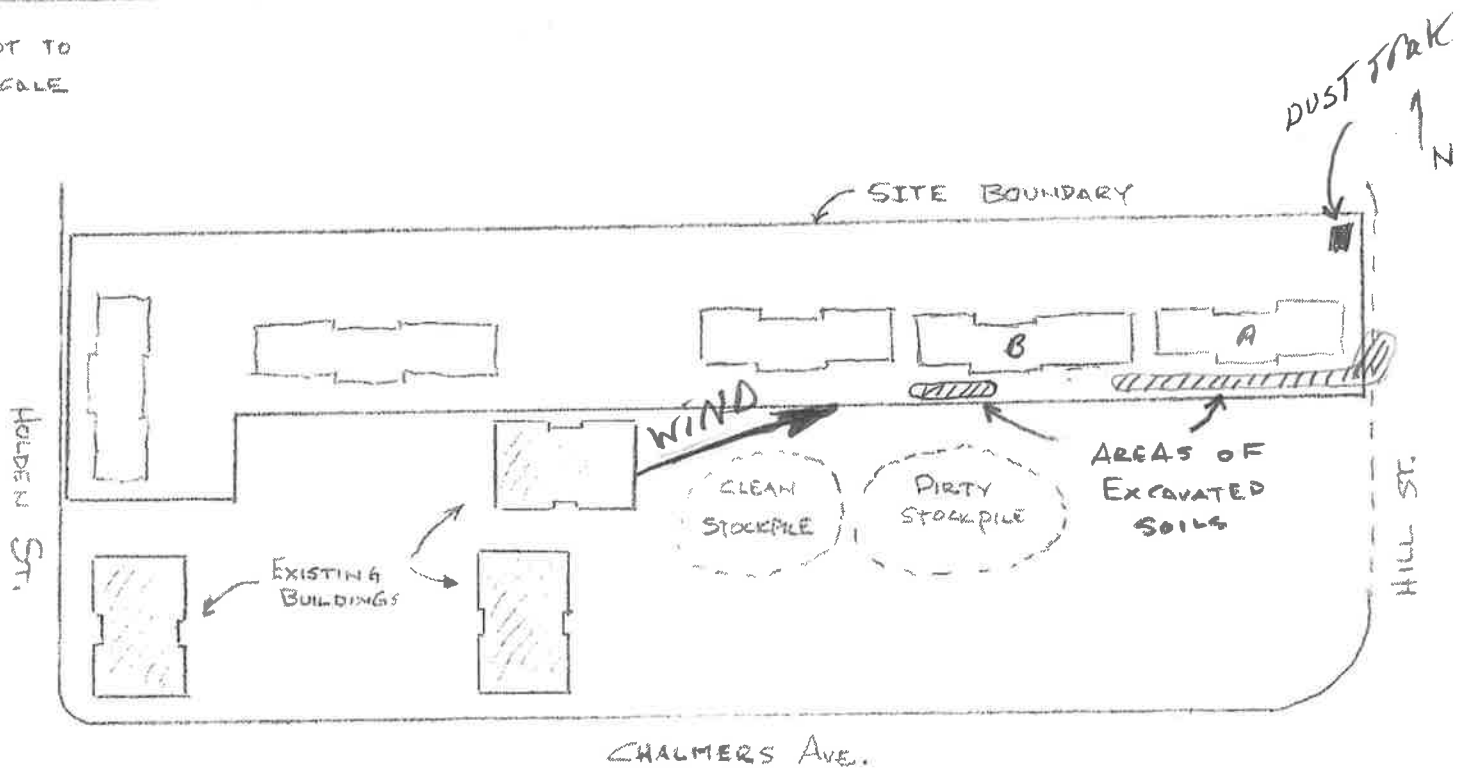
FILE No. 21.0056884.00

REPORT No. 19-21

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



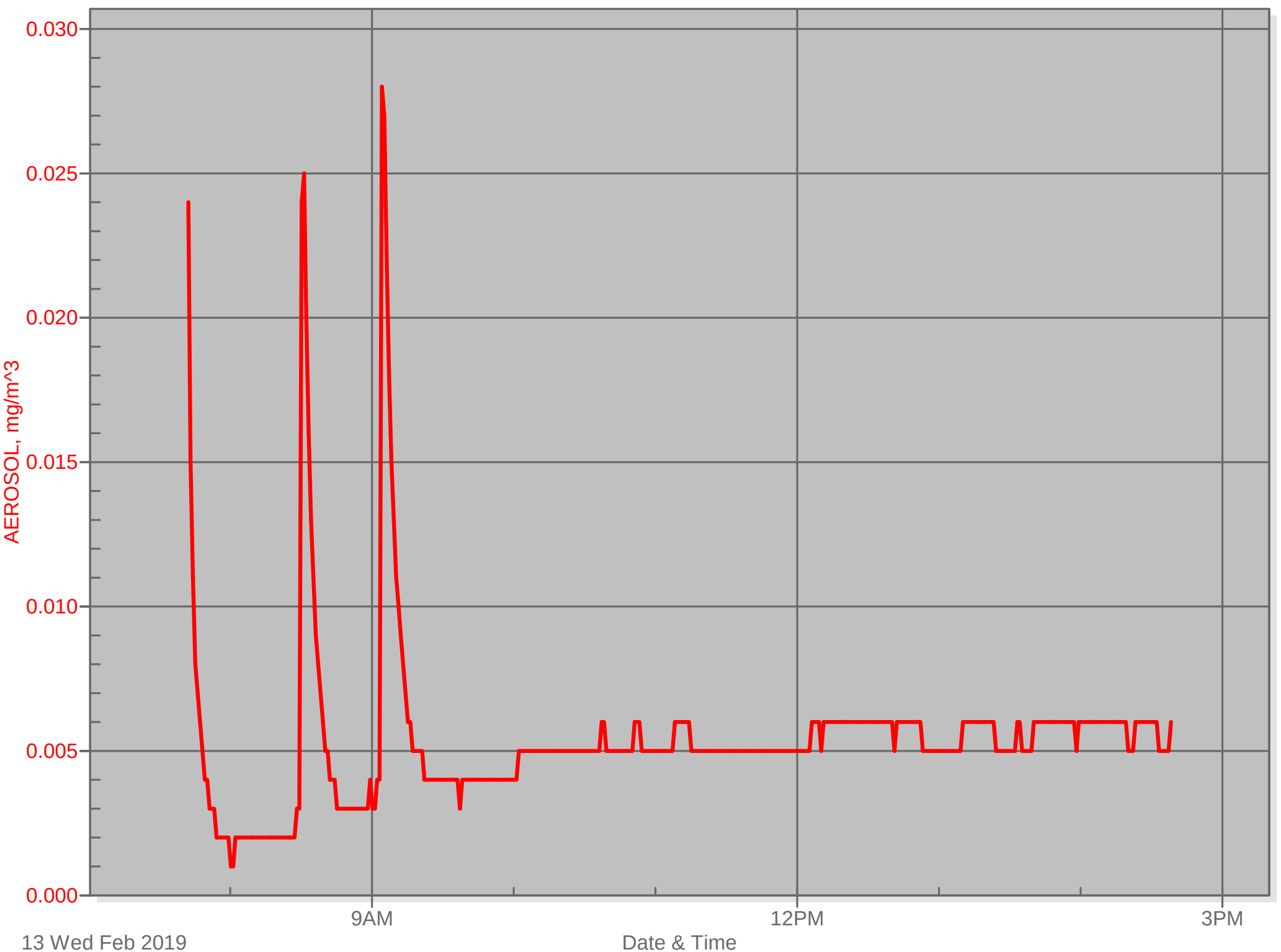
Test 020

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/13/2019
Instrument S/N	8530162808	Start Time	07:41:13
		Stop Date	02/13/2019
		Stop Time	14:38:13
		Total Time	0:06:57:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.005 mg/m ³
Max	0.028 mg/m ³
Max Date	02/13/2019
Max Time	09:04:13
Min	0.001 mg/m ³
Min Date	02/13/2019
Min Time	08:00:13
TWA (8 hr)	0.005
TWA Start Date	02/13/2019
TWA Start Time	07:41:13
TWA End Time	14:38:13

Elim Town Homes

02-13-2019



DAILY FIELD SUMMARY FORM

DATE: 2-14 2019

FILE No. 21.0056884.00

REPORT No. 19-22

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 26°F Cloudy

Temp Range: 26 to 40 °F

Wind Speed: 10-15 mph

Wind Direction: SW

Time GZA Arrived on Site: 7:20

Site Conditions: Snow+Ice cover

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Myzyk
- GZA's Equipment On-Site: Dust Truck
Mini RAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

N/A

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone removes approx 12' of soil cap cover and fill south of Bldg B
↳ soil is removed to soil stock piles south of site
- Excavated soil from storm/sewer was removed from site to designated soil stock-pile area south of site
- Excavation for storm/sewer line. Location ~100' East of initial start of pipe line installation
↳ During excavation no irregularities in soil cap cover or fill were observed.
PID screening during excavation was conducted up + down of area. No elevated levels were observed.

Photos taken: Yes

Time GZA left Site: 1:55

Prepared by: Pete Myzyk

Reviewed by: Jim Richert

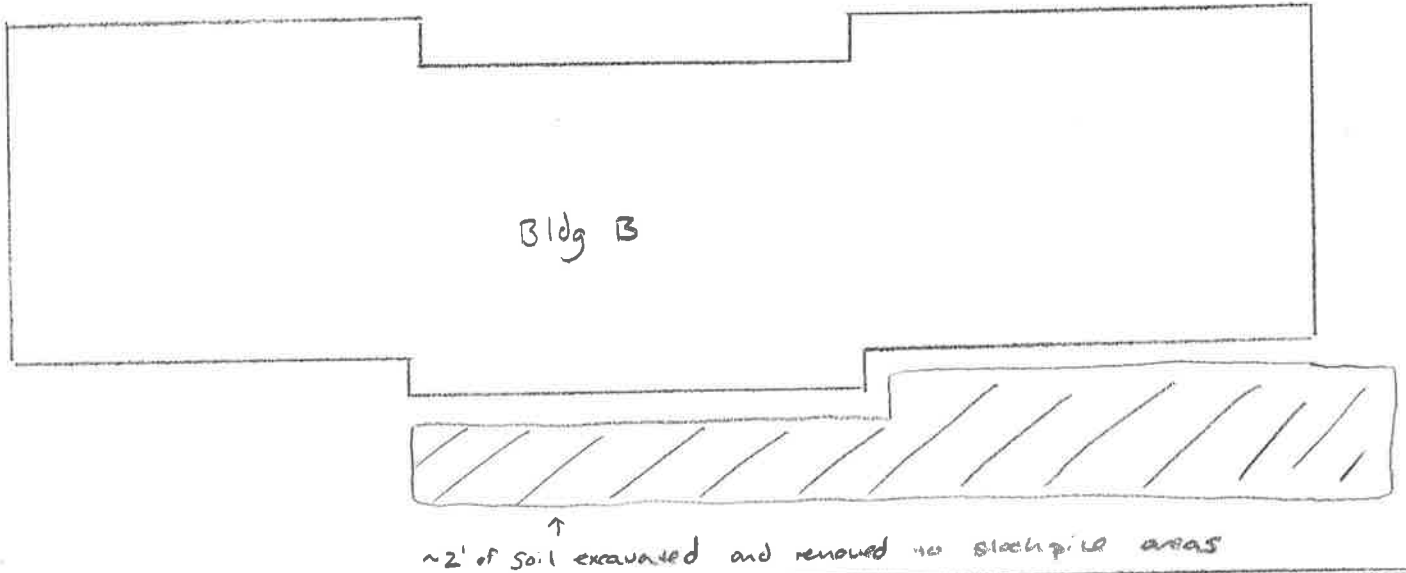
DAILY FIELD SUMMARY FORM

DATE: 2-14 2019

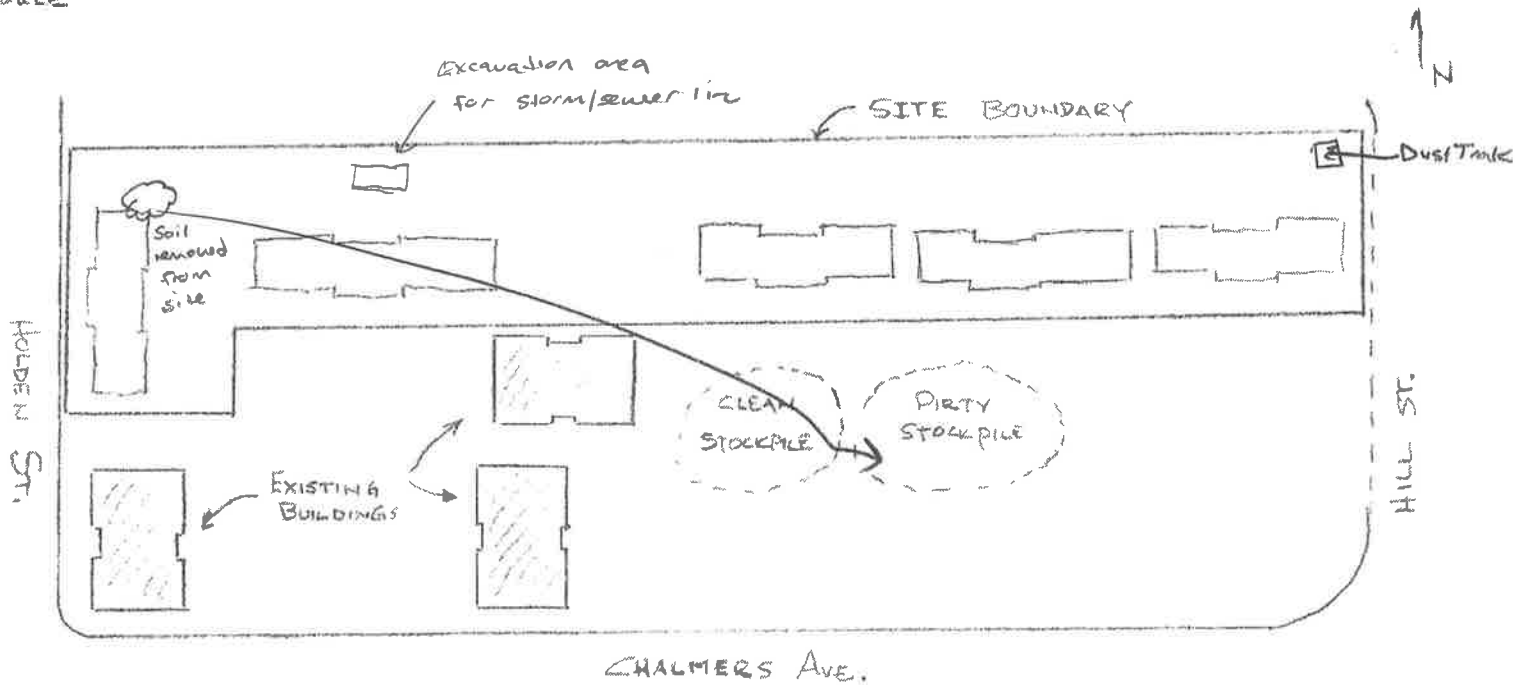
FILE No. 21.0056884.00

REPORT No. 19-22

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



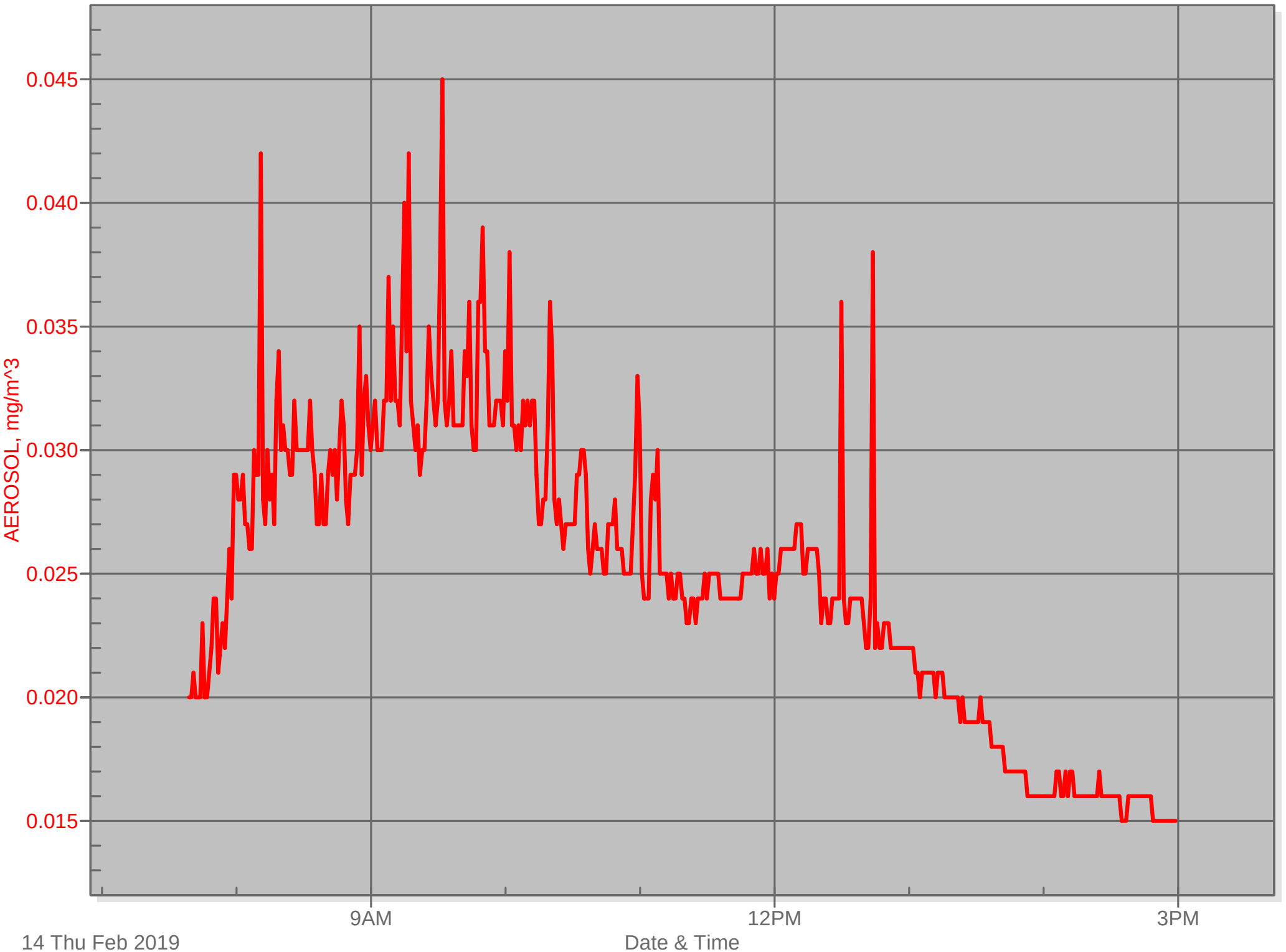
Test 021

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/14/2019
Instrument S/N	8530162808	Start Time	07:37:47
		Stop Date	02/14/2019
		Stop Time	14:58:47
		Total Time	0:07:21:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.025 mg/m ³
Max	0.045 mg/m ³
Max Date	02/14/2019
Max Time	09:31:47
Min	0.015 mg/m ³
Min Date	02/14/2019
Min Time	14:34:47
TWA (8 hr)	0.023
TWA Start Date	02/14/2019
TWA Start Time	07:37:47
TWA End Time	14:58:47

Elim Town Homes

02-14-2019



DAILY FIELD SUMMARY FORM

DATE: 1-15 2019

FILE No. 21.0056884.00

REPORT No. 19-6

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 29°F overcast

Temp Range: 31 to 28 °F

Wind Speed: 5-10 mph

Wind Direction: WSW

Time GZA Arrived on Site: 7:30

Site Conditions: Dry white snow cover

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyznyh
- GZA's Equipment On-Site: Dust Trak
Mini RAE 3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure: N/A

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone scrapes ground surface in Bldg A foundation to reach grade
- Viscone grades inside of Bldg A foundation w/ crusher run stone
- GZA conducts CAMP air monitoring down wind of backfill activities (See sketch)
- Periodically GZA uses a PID to screen ambient air up + down wind of backfilling area
- Viscone finishes backfilling excavation trench inside Bldg A foundation w/ #2 stone (See sketch)

Photos taken: Yes, 3

Time GZA left Site: 1600

Prepared by: Pete Nyznyh

Reviewed by: J. Richert

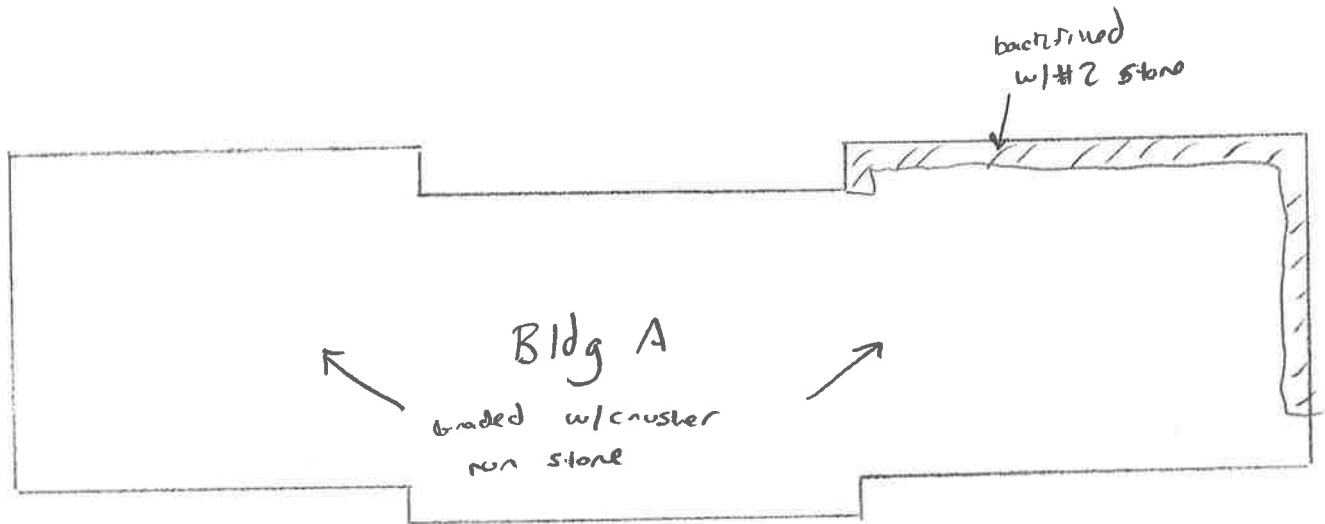
DAILY FIELD SUMMARY FORM

DATE: 1-15- 2019

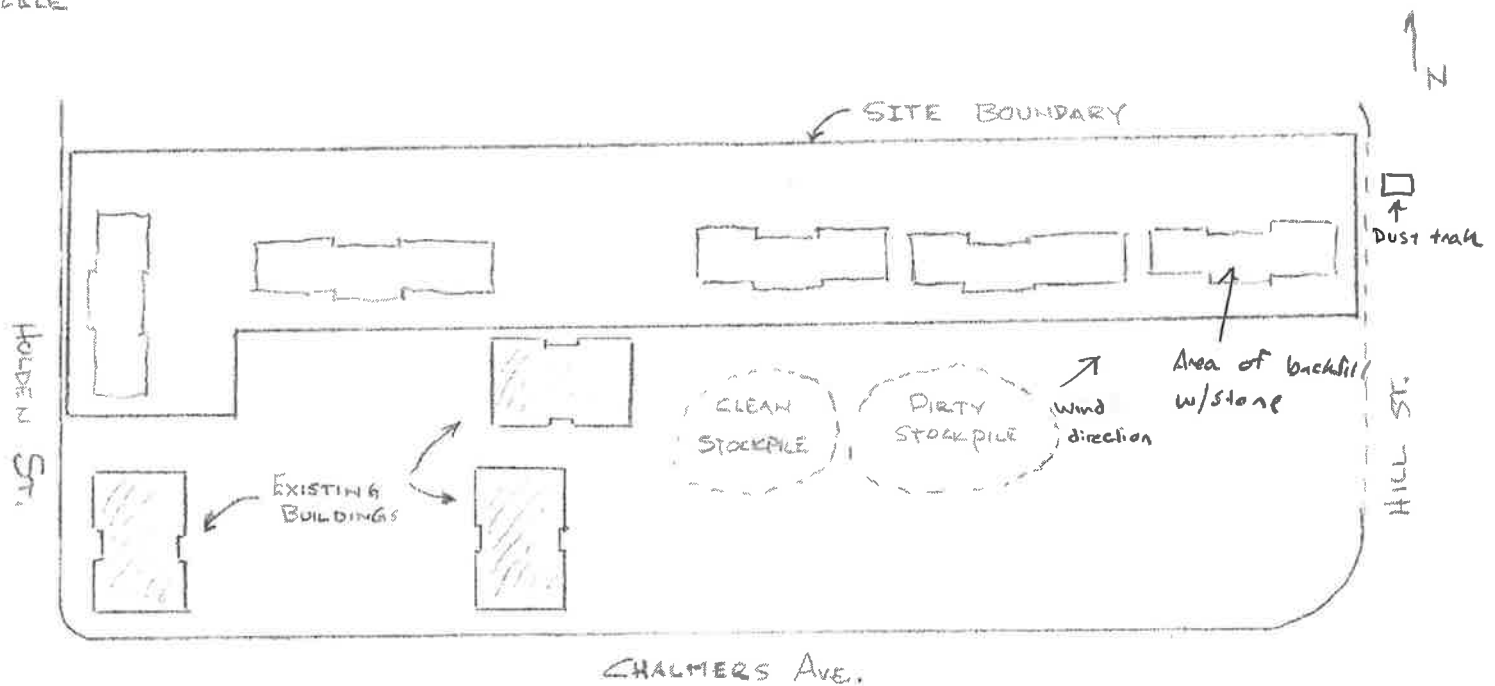
FILE No. 21.0056884.00

REPORT No. 19-6

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



Test 005

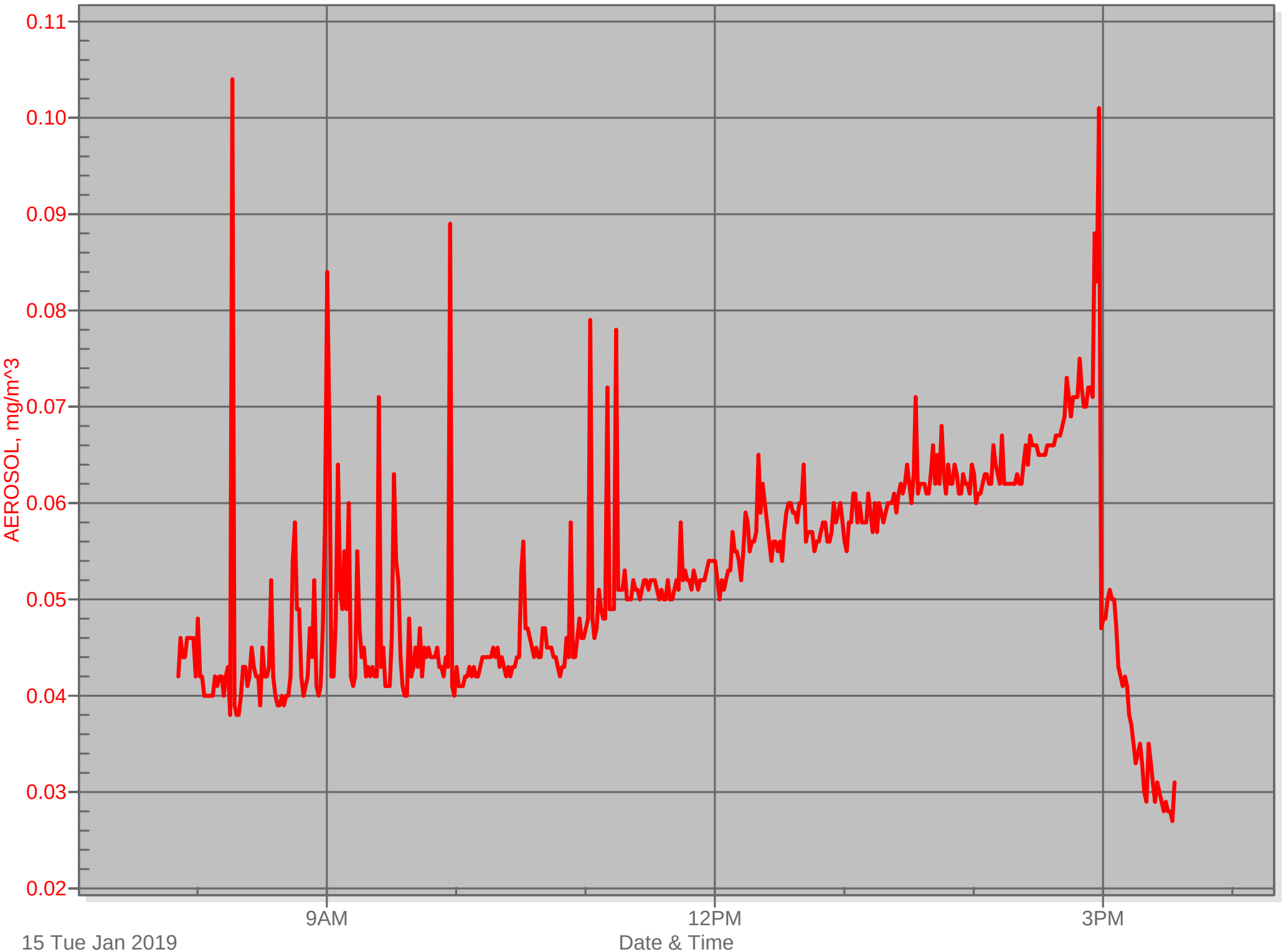
ERROR: FLOW,

Instrument		Data Properties	
Model	DustTrak II	Start Date	01/15/2019
Instrument S/N	8530162808	Start Time	07:50:10
		Stop Date	01/15/2019
		Stop Time	15:33:10
		Total Time	0:07:43:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.052 mg/m ³
Max	0.104 mg/m ³
Max Date	01/15/2019
Max Time	08:16:10
Min	0.027 mg/m ³
Min Date	01/15/2019
Min Time	15:32:10
TWA (8 hr)	0.050
TWA Start Date	01/15/2019
TWA Start Time	07:50:10
TWA End Time	15:33:10

Elim Town Homes

01-15-2019



DAILY FIELD SUMMARY FORM

DATE: 2-18 2019

FILE No. 21.0056884.00

REPORT No. 19-24

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 26°F snow

Temp Range: 26 to 20 °F

Wind Speed: 5-10 mph

Wind Direction: NE

Time GZA Arrived on Site: 7:15

Site Conditions: snow cover

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Myznych
- GZA's Equipment On-Site: DustTrak
Min. RAE 3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

N/A

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone continues to excavate for storm sewer line. Soils are segregated and stock piled accordingly south of site.
- Installation of 36" storm sewer pipe along northern portion of site in a west to east direction.
- Prior to pipe installation geotextile fabric was placed on bottom of excavation. Followed by crusher stone placed to grade.
- Pipe installed, stone backfilled to encapsulate pipe, excavated soil backfilled on top of stone.
- Clean cap cover will be placed at later date.
- GZA did not observe elevated levels of dust during CAMP monitoring.
- GZA did not observe elevated levels of VOCs → 0.0ppm

Photos taken: No

Time GZA left Site: 1:00

Prepared by: Pete Myznych

Reviewed by: Jim Pichert

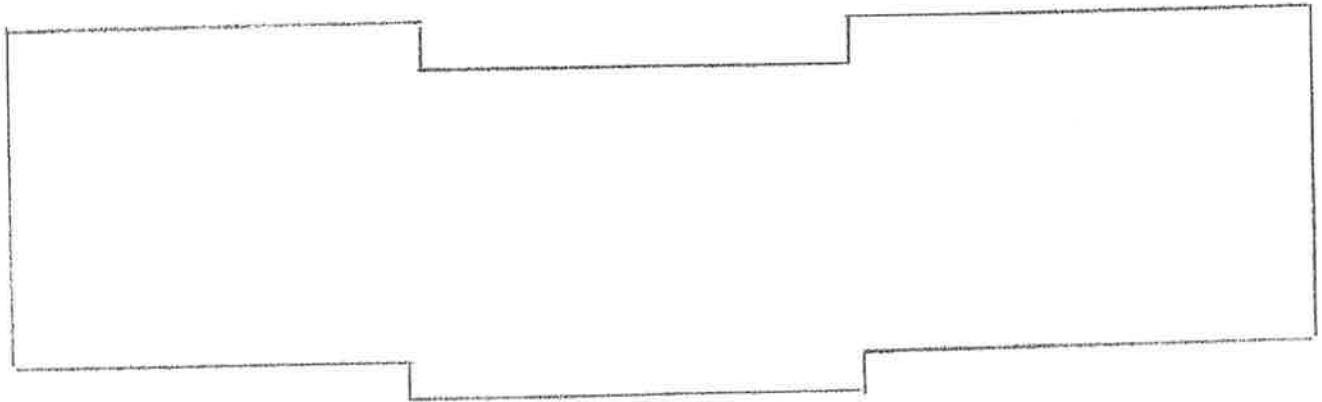
DAILY FIELD SUMMARY FORM

DATE: 2-18- 2019

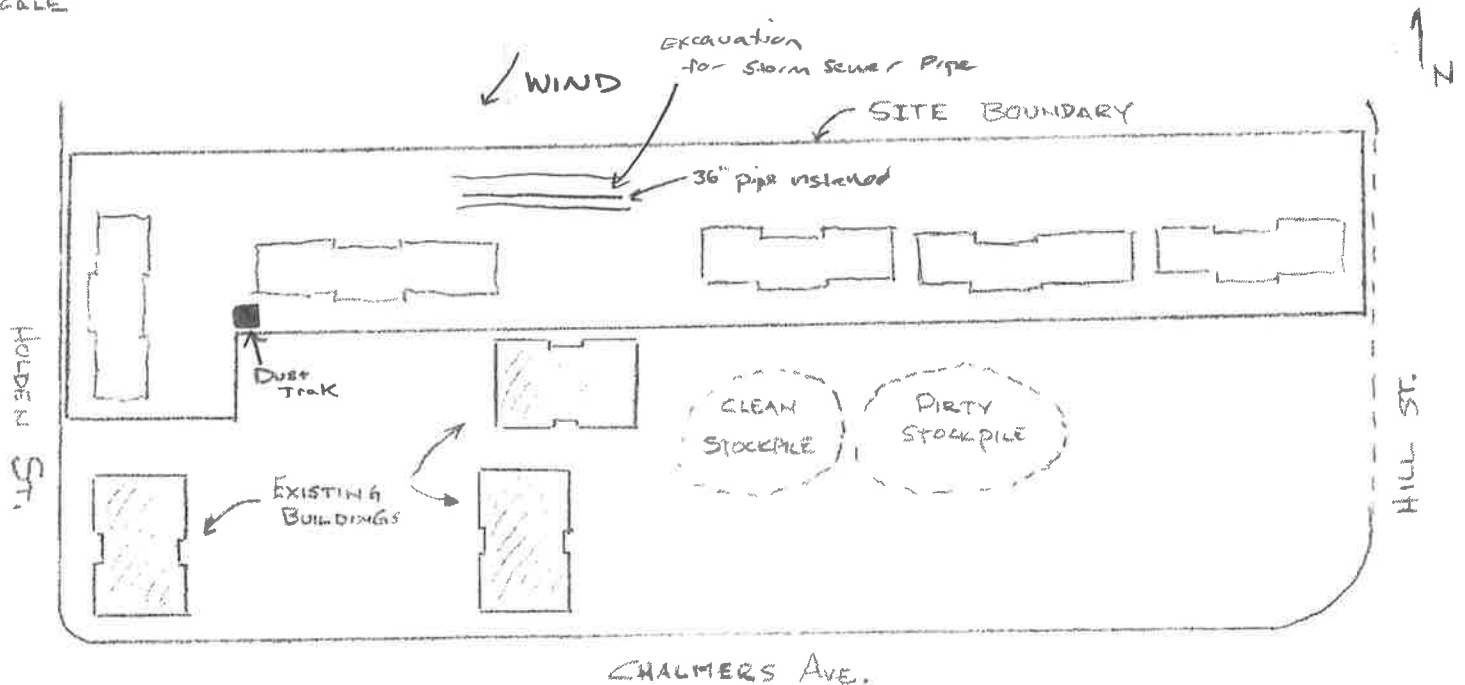
FILE No. 21.0056884.00

REPORT No. 19-24

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



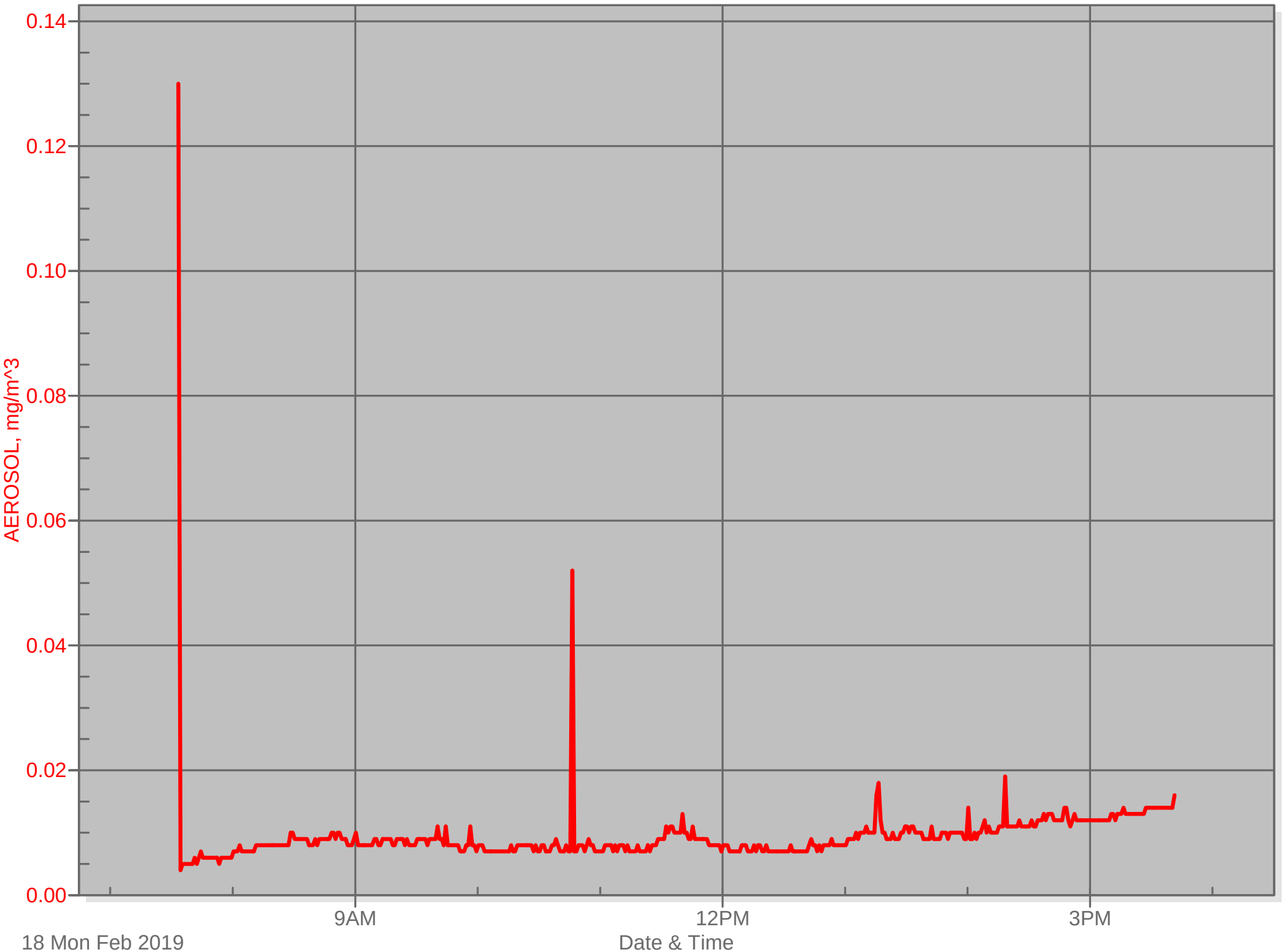
Test 023

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/18/2019
Instrument S/N	8530162808	Start Time	07:32:23
		Stop Date	02/18/2019
		Stop Time	15:41:23
		Total Time	0:08:09:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.009 mg/m ³
Max	0.130 mg/m ³
Max Date	02/18/2019
Max Time	07:33:23
Min	0.004 mg/m ³
Min Date	02/18/2019
Min Time	07:34:23
TWA (8 hr)	0.009
TWA Start Date	02/18/2019
TWA Start Time	07:32:23
TWA End Time	15:41:23

Elim Town Homes

02-18-2019



DAILY FIELD SUMMARY FORM

DATE: 2-19-2019

FILE No. 21.0056884.00

REPORT No. 19-25

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: Partly Cloudy

Temp Range: 10 to 20 °F

Wind Speed: 0 - 5 mph

Wind Direction: W to E

Time GZA Arrived on Site: 0745

Site Conditions: Frozen w/ snow cover

Contractors on Site: Viscone - Earthwork

- GZA Personnel On-Site: M. Kress, J. Richert (0930 - 1000)
- GZA's Equipment On-Site: Dust Truck
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)

- Viscone continuing Installation of stormwater 36" piping & Manholes along northern side of site in an East-West direction. Excavated Soils are being temporarily stockpiled next to trench or direct loaded to dump trucks and taken to dirty stockpile.
- Orange demark Fabric (snow fence) is being placed on bottom of excavation (Starting at Manhole & going east) Prior to installing non-woven fabric, stone & piping. Clean stone then being placed above pipe to grade. Excavated dirty soils are then being replaced on the sides of the trench to grade.
- No stained soils, product, odors or elevated PID readings observed during excavation below Demark (~2')
- Dirty backfill placed above piping on previous days ^{~330 LF} is to remain in place.

Photos taken: Yes Area will be asphalt covered in future. Orange demark to be placed upon dirty soils prior to installing pavement Subbase stone per J. Richert.

Time GZA left Site: 4pm

Prepared by: Mike Kress

Reviewed by: Jess Richert

- Viscone has been scraping off the ~2' of clean cover soils & taking it to clean stockpile.
- Viscone Excavated to expose Sanitary Sewer Line just north of storm sewer trench. Will tap in for BLDG C tomorrow.

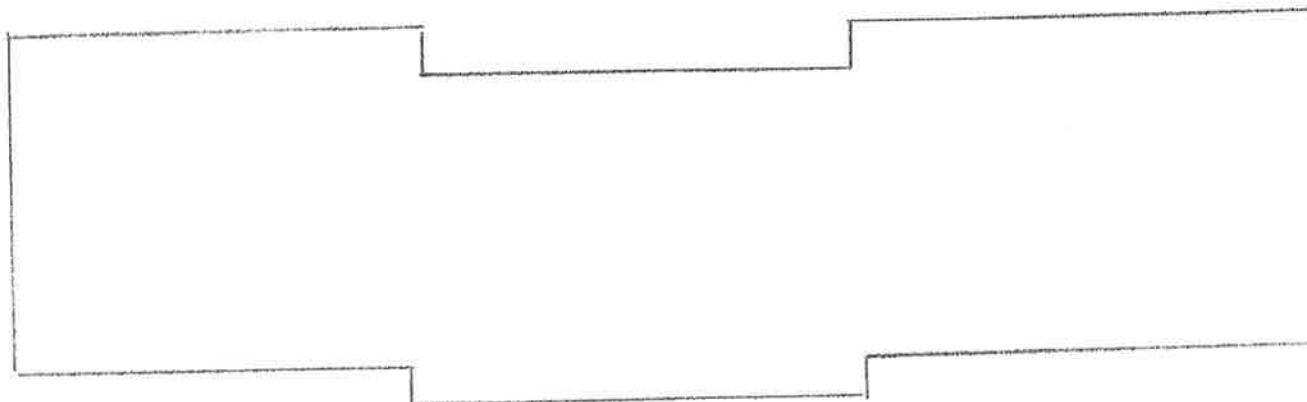
DAILY FIELD SUMMARY FORM

DATE: 2-19-2019

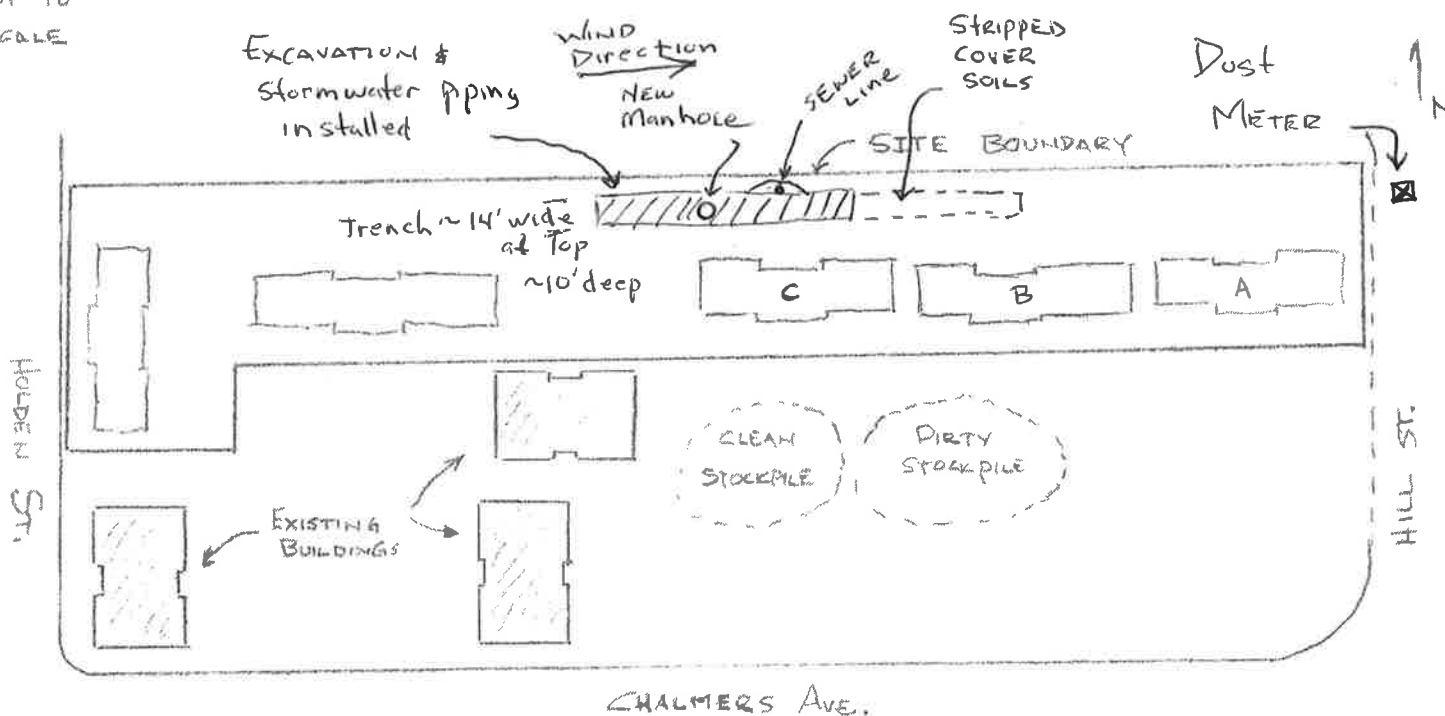
FILE No. 21.0056884.00

REPORT No. 19-25

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



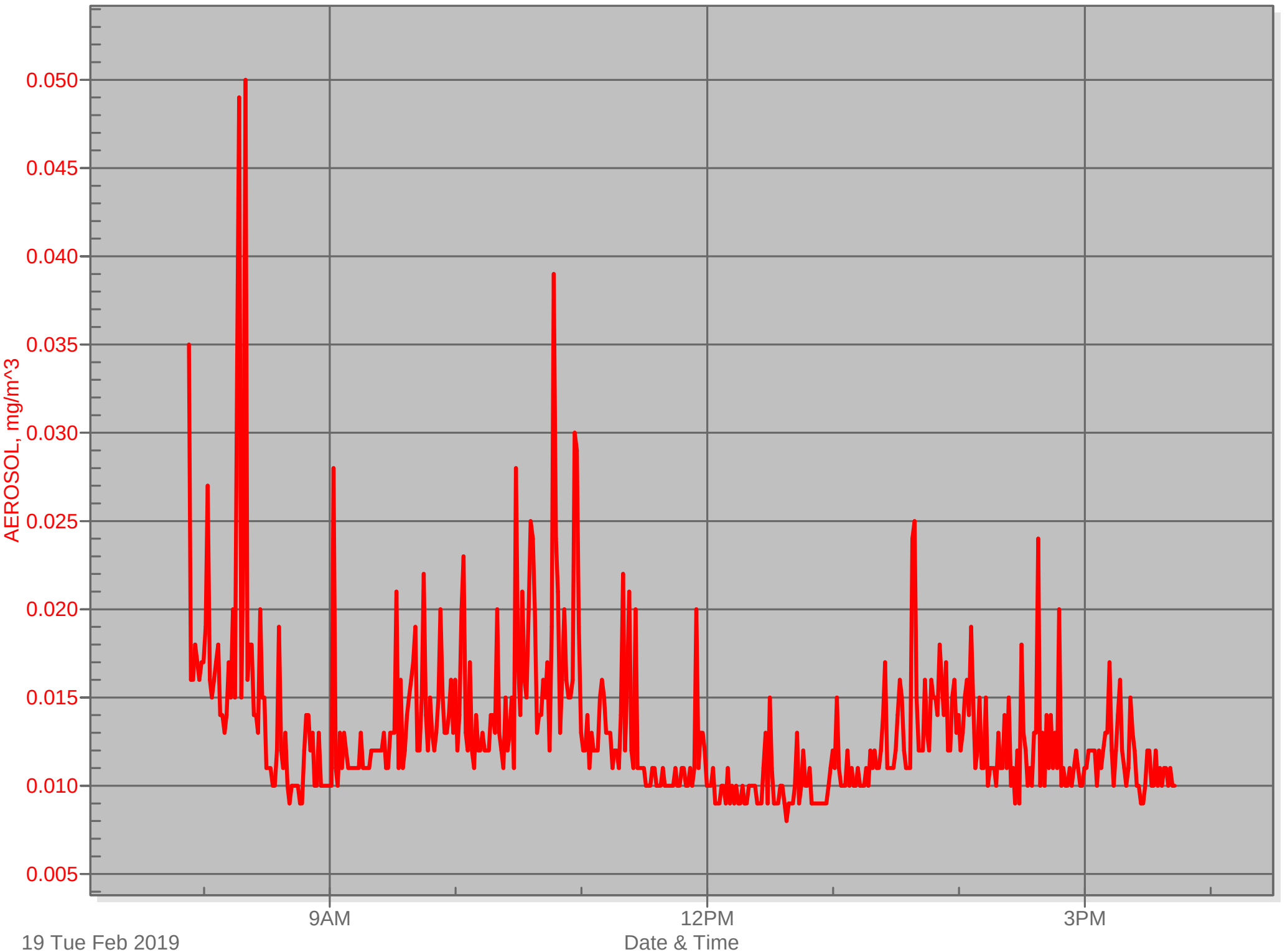
Test 024

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/19/2019
Instrument S/N	8530162808	Start Time	07:51:47
		Stop Date	02/19/2019
		Stop Time	15:42:47
		Total Time	0:07:51:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.013 mg/m ³
Max	0.050 mg/m ³
Max Date	02/19/2019
Max Time	08:19:47
Min	0.008 mg/m ³
Min Date	02/19/2019
Min Time	12:37:47
TWA (8 hr)	0.013
TWA Start Date	02/19/2019
TWA Start Time	07:51:47
TWA End Time	15:42:47

Elim Town Homes

02-19-2019



DAILY FIELD SUMMARY FORM

DATE: 2-20-2019

FILE No. 21.0056884.00

REPORT No. 19-26

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: Cloudy

Temp Range: 25 to 32 °F

Wind Speed: 5-10 mph

Wind Direction: ESE

Time GZA Arrived on Site: 0745

Site Conditions: Frozen with light snow cover

Contractors on Site: Visone

- GZA Personnel On-Site: M. Kress
- GZA's Equipment On-Site: Dust Trak
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)

- Visone made tap into sanitary sewer line for BLDG C. Sanitary sewer pipe was exposed yesterday. The line runs E-W just north of new stormwater pipe.
- Visone excavating clean soils from BLDG C Footprint. Loading into dump trucks & taking to clean soil stockpile.
- Visone continuing trench excavation & stormwater pipe installation. Clean cover soils are being taken to clean stockpile. Soil below demark to dirty stockpile. No staining, product, odors or elevated PID readings observed.
- Visone placing orange demark fabric (snow fence) on subgrade prior to placing non-woven geotextile, stone and piping. Backfilling above pipe with clean stone also replacing dirty soils along side walls of trench.

Photos taken: Yes

Time GZA left Site: 4 pm

Prepared by: Mike Kress

Reviewed by: Jim Richart

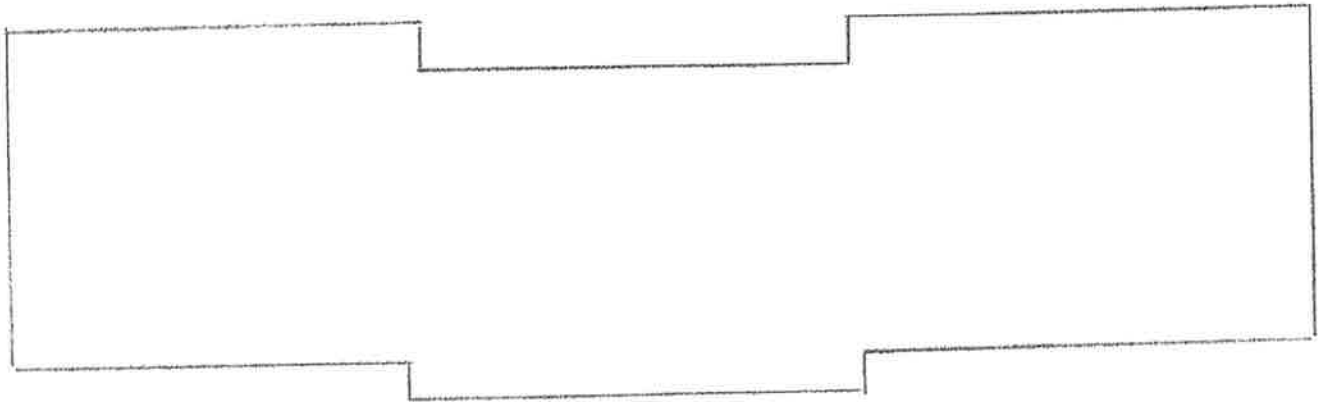
DAILY FIELD SUMMARY FORM

DATE: 2-20-2019

FILE No. 21.0056884.00

REPORT No. 19-26

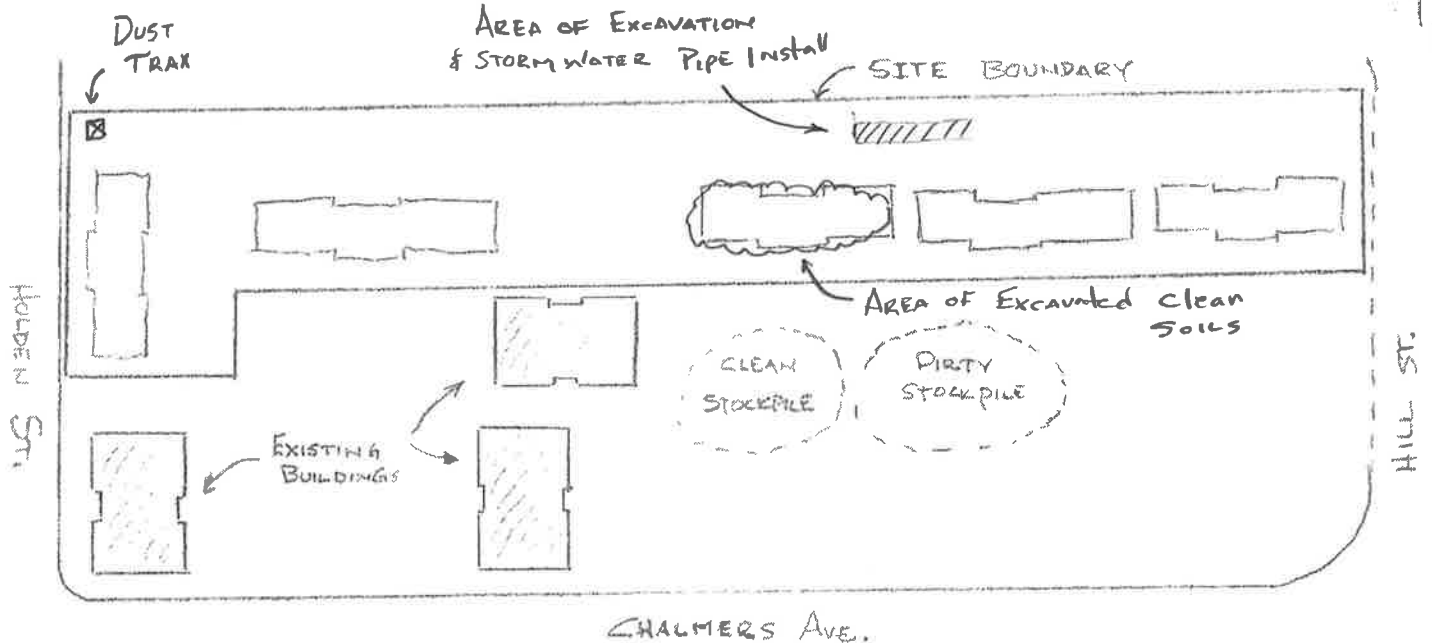
PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE

WIND
DIRECTION

N



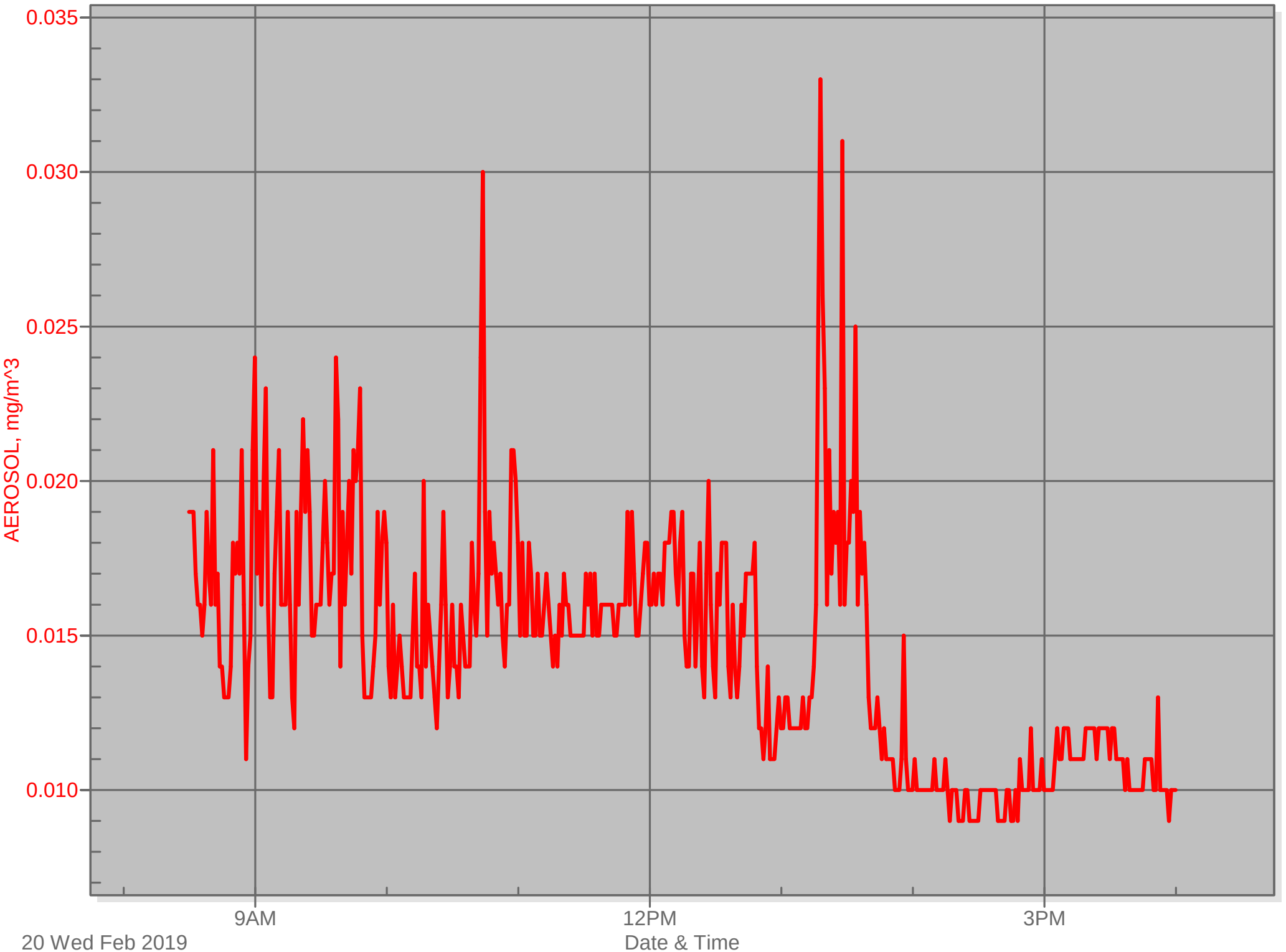
Test 025

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/20/2019
Instrument S/N	8530162808	Start Time	08:28:49
		Stop Date	02/20/2019
		Stop Time	15:59:49
		Total Time	0:07:31:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.015 mg/m ³
Max	0.033 mg/m ³
Max Date	02/20/2019
Max Time	13:17:49
Min	0.009 mg/m ³
Min Date	02/20/2019
Min Time	14:16:49
TWA (8 hr)	0.014
TWA Start Date	02/20/2019
TWA Start Time	08:28:49
TWA End Time	15:59:49

Elim Town Homes

02-20-2019



DAILY FIELD SUMMARY FORM

DATE: 2/21/2019

FILE No. 21.0056884.00

REPORT No. 19-27

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: CLOUDY

Temp Range: 32 to 35 °F

Wind Speed: 21 mph

Wind Direction: WSW

Time GZA Arrived on Site: 0715

Site Conditions: Partially Thawed / WET

Contractors on Site: VISONÉ

- GZA Personnel On-Site: D. WOLF
- GZA's Equipment On-Site: DUST TBOX
MINI-RATE 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)

- VISONÉ CONTINUING TRENCH EXCAVATION & STORMWATER PIPE INSTALLATION. CLEAN COVER SOILS ARE BEING TAKEN TO THE CLEAN SOIL STOCKPILE. SOILS FROM BELOW DEMARK ARE BEING TAKEN TO THE DIRTY SOIL STOCKPILE. NO STAINING, PRODUCT, OBOES, OR ELEVATED PID READINGS WERE OBSERVED
- VISONÉ PLACING ORANGE DEMARK FABRIC (SILT FENCE) ON SUBGRADE PRIOR TO PLACING NON-WOVEN GEOTEXTILE, STONE & RAPING, BACKFILLING AROUND THE PIPE WITH CLEAN SOILS, AND REPLACING DIRTY SOILS ALONG THE EDGES OF THE TRENCH

Photos taken: YES

Time GZA left Site: 16:00

Prepared by: DANIEL WOLF

Reviewed by: Jim Richert

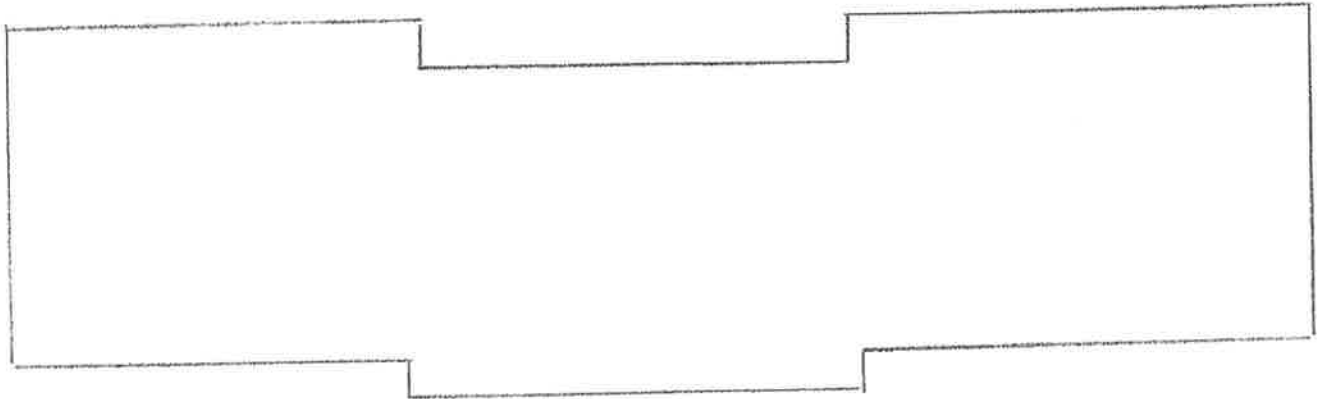
DAILY FIELD SUMMARY FORM

DATE: 2/21/2019

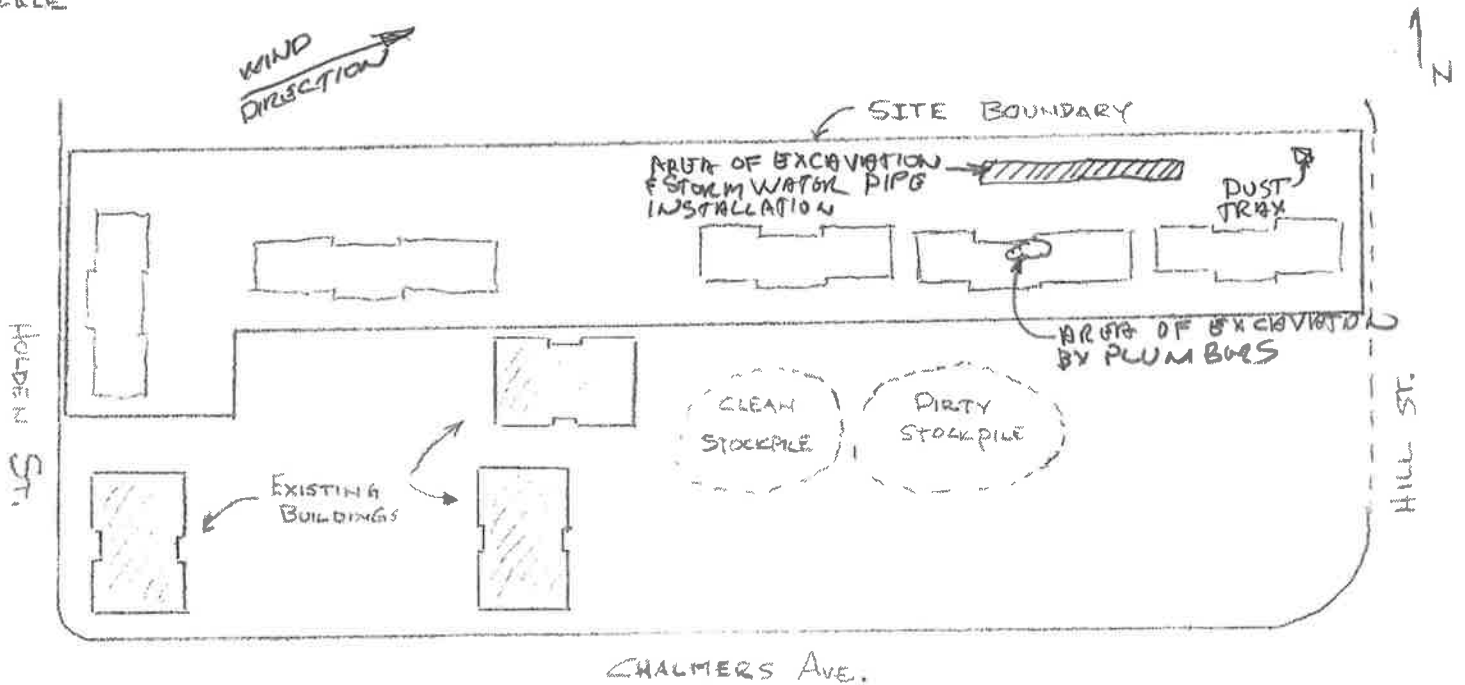
FILE No. 21.0056884.00

REPORT No. 19-27

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



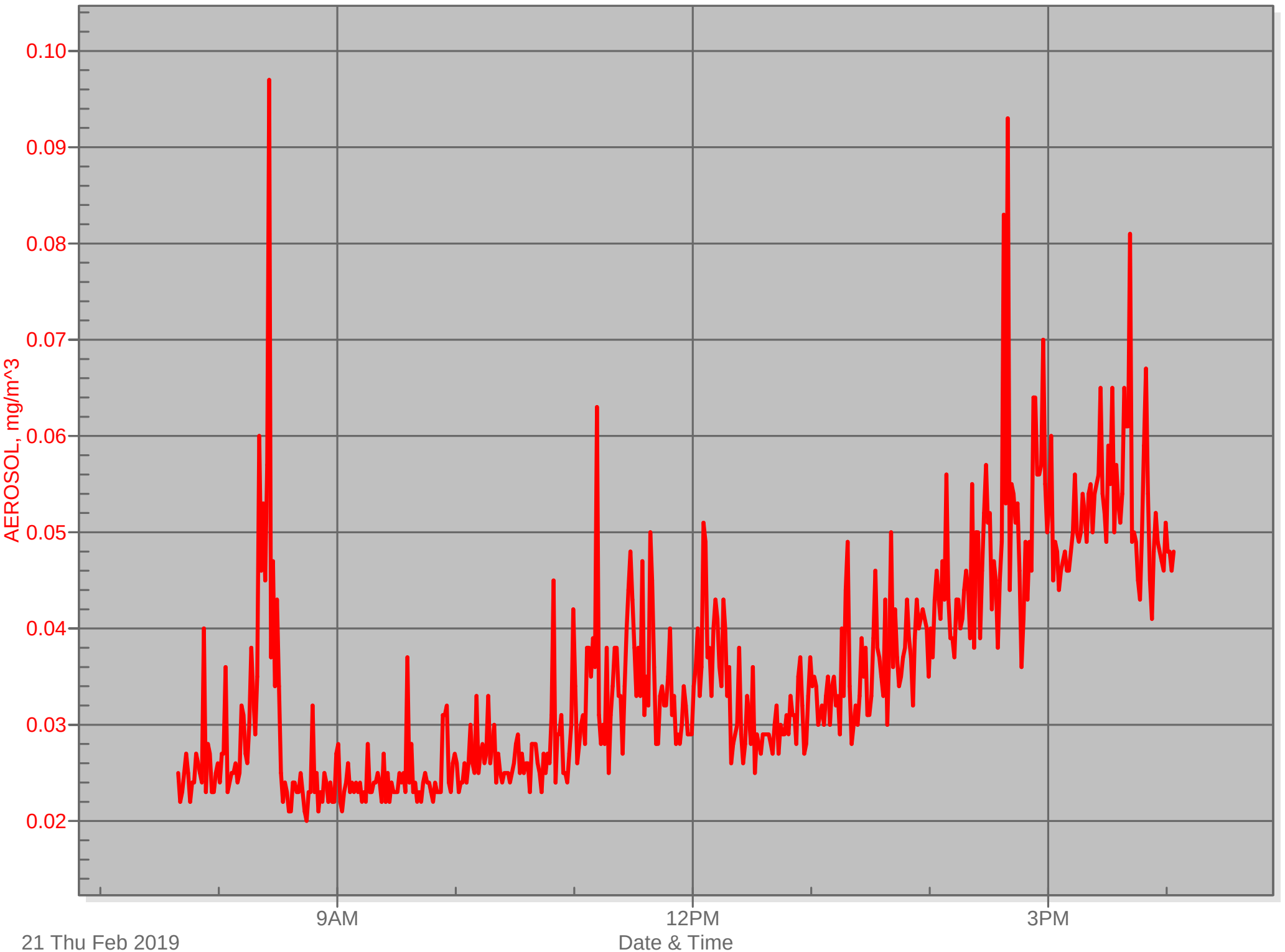
Test 026

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/21/2019
Instrument S/N	8530162808	Start Time	07:38:28
		Stop Date	02/21/2019
		Stop Time	16:03:28
		Total Time	0:08:25:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.035 mg/m ³
Max	0.097 mg/m ³
Max Date	02/21/2019
Max Time	08:25:28
Min	0.020 mg/m ³
Min Date	02/21/2019
Min Time	08:44:28
TWA (8 hr)	0.035
TWA Start Date	02/21/2019
TWA Start Time	07:38:28
TWA End Time	16:03:28

Elim Town Homes

02-21-2019



DAILY FIELD SUMMARY FORM

DATE: 2-22- 2019

FILE No. 21.0056884.00

REPORT No. 19-28

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 25°F Sunny

Temp Range: 25 to 35 °F

Wind Speed: 5-10 mph

Wind Direction: W

Time GZA Arrived on Site: 7:20

Site Conditions: Ice + Mud

Contractors on Site: Viscone

- GZA Personnel On-Site: P. Nyznyk
- GZA's Equipment On-Site: Dusttrak
Mini RAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure: NA

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone continues to excavate for storm sewer line. Install 36" pipe, backfill w/stone and clean soil material, D-mark indicator is placed on bottom of excavation trench.
- Soils excavated were segregated (based on "clean" or "dirty") and placed in designated staging area south of site.
- During excavation activities GZA observed no irregularities in clean soil cap cover of underlying fill.
- During CAMP monitoring no elevated levels were observed.
- GZA periodically screened ambient air up + down wind w/PID and no elevated levels were observed.

Photos taken:

Time GZA left Site: 1600

Prepared by: Pete Nyznyk

Reviewed by: Jim Richert

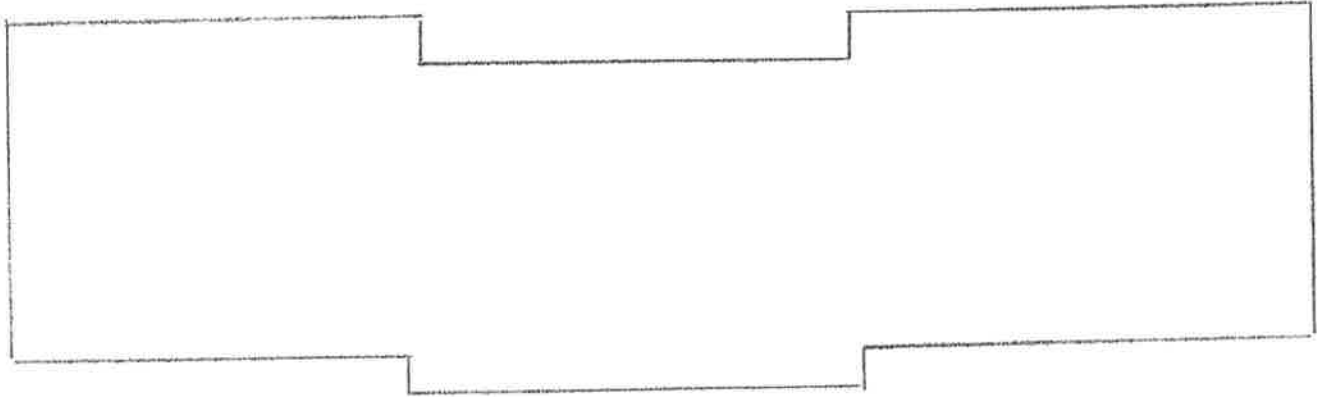
DAILY FIELD SUMMARY FORM

DATE: 2-22 2019

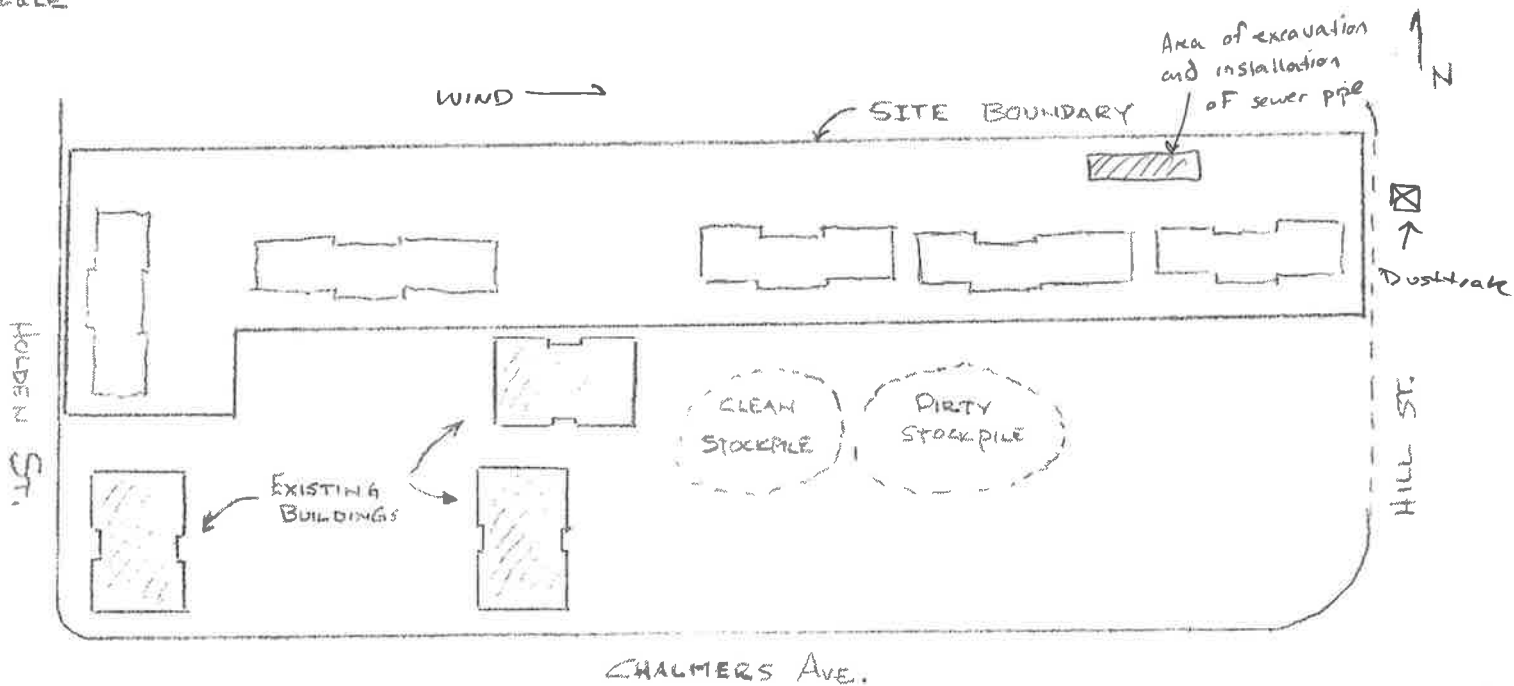
FILE No. 21.0056884.00

REPORT No. 19-28

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



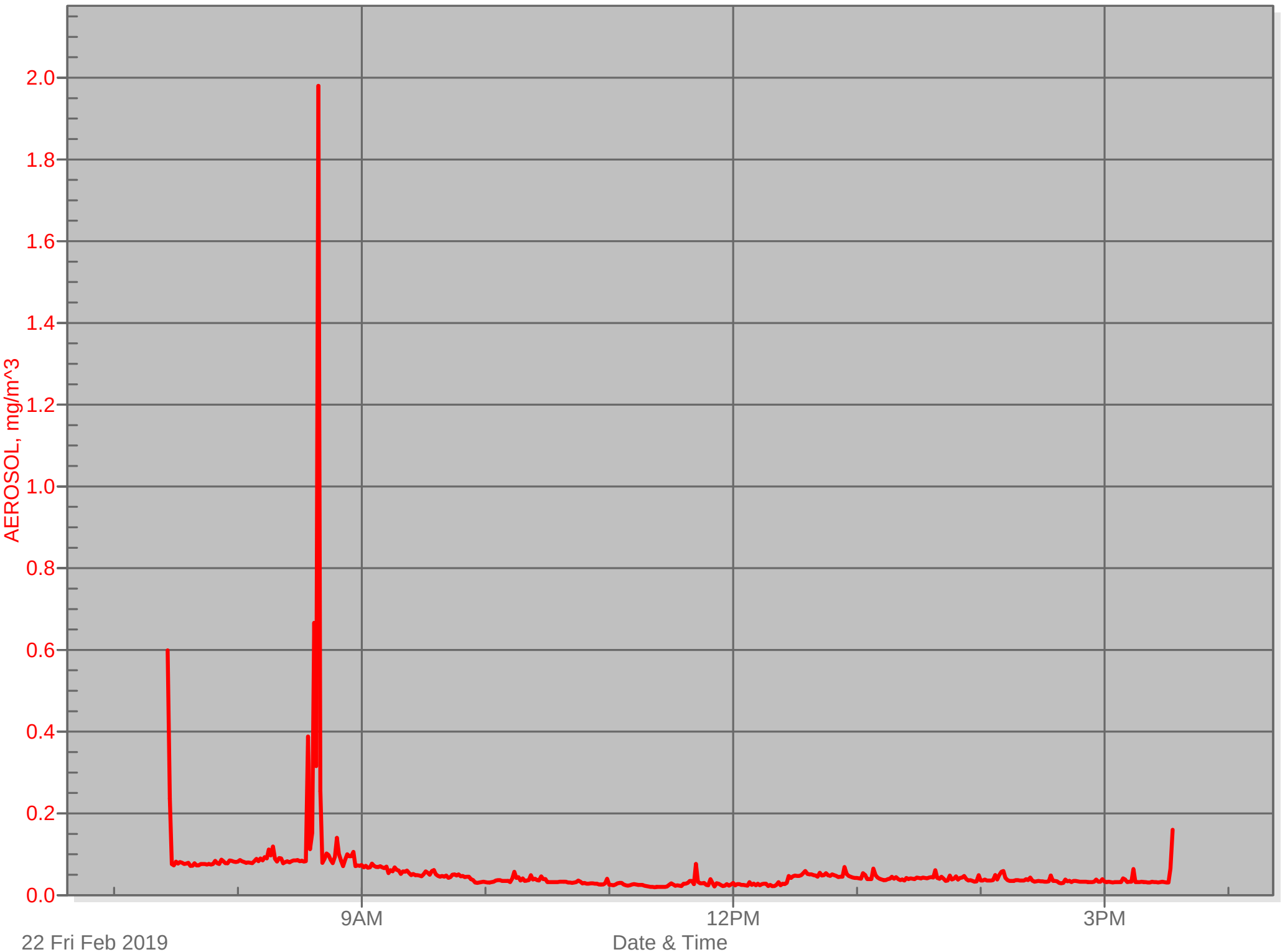
Test 027

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/22/2019
Instrument S/N	8530162808	Start Time	07:24:58
		Stop Date	02/22/2019
		Stop Time	15:32:58
		Total Time	0:08:08:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.055 mg/m ³
Max	1.980 mg/m ³
Max Date	02/22/2019
Max Time	08:38:58
Min	0.019 mg/m ³
Min Date	02/22/2019
Min Time	11:21:58
TWA (8 hr)	0.055
TWA Start Date	02/22/2019
TWA Start Time	07:24:58
TWA End Time	15:32:58

Elim Town Homes

02-22-2019



DAILY FIELD SUMMARY FORM

DATE: 2-23-2019

FILE No. 21.0056884.00

REPORT No. 19-29

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: Thin Overcast Temp Range: 25 to 43 °F
Time GZA Arrived on Site: 0720 Wind Speed: 410 mph
Wind Direction: ENE

Site Conditions: FROZEN THEN Muddy

Contractors on Site: - Visone
- concrete sub.

- GZA Personnel On-Site: Jim Richert
- GZA's Equipment On-Site: - DUST TRAX
- Mini Rac 3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

N/A

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- visone: 1) ON East end of large (30'?) STAIN sewer line
back filling w/ clean crushed stone
- 2) excavated N/S trench & laid a 6" sanitary line
FROM NORTH CENTRAL wall of Building A to
E/W side main line along North site
boundary
- 3) visone stops work @ 12:15 FOR today.

Photos taken: yes

Time GZA left Site: 1230

Prepared by: Jim Richert

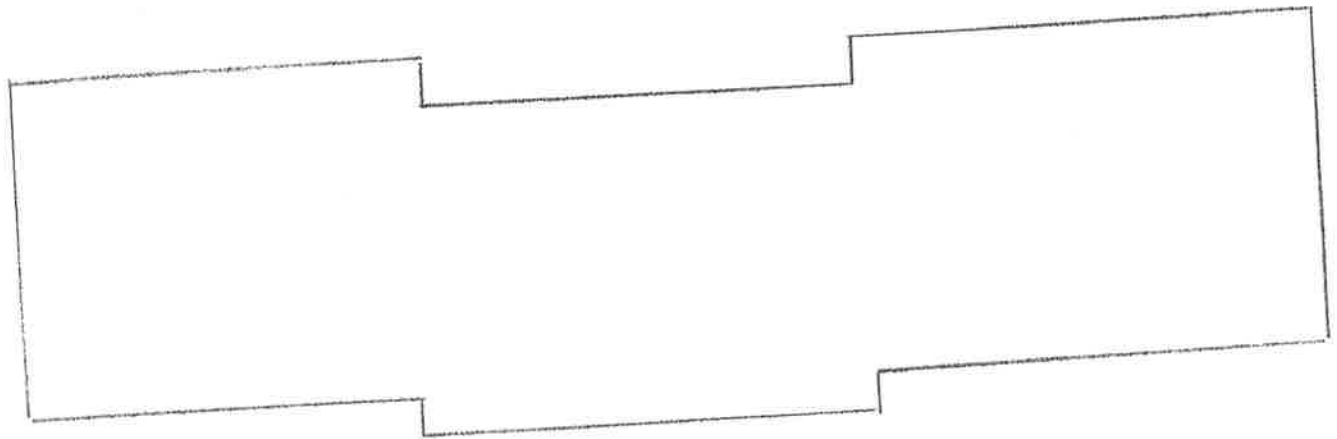
Reviewed by: Pete Nyzynia

DATE: 2/23/2019

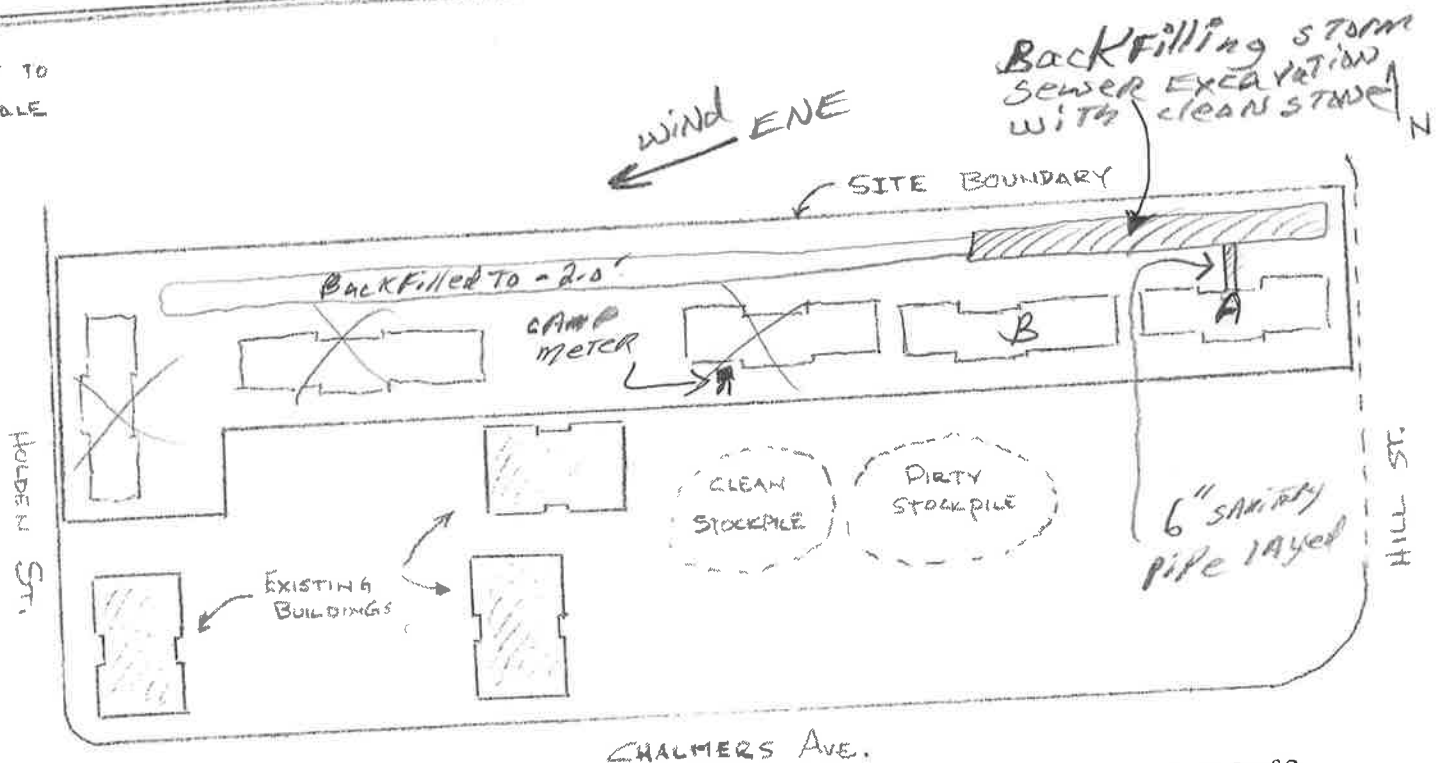
DAILY FIELD SUMMARY FORM
FILE No. 21.0056884.00

REPORT No. 19-29

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



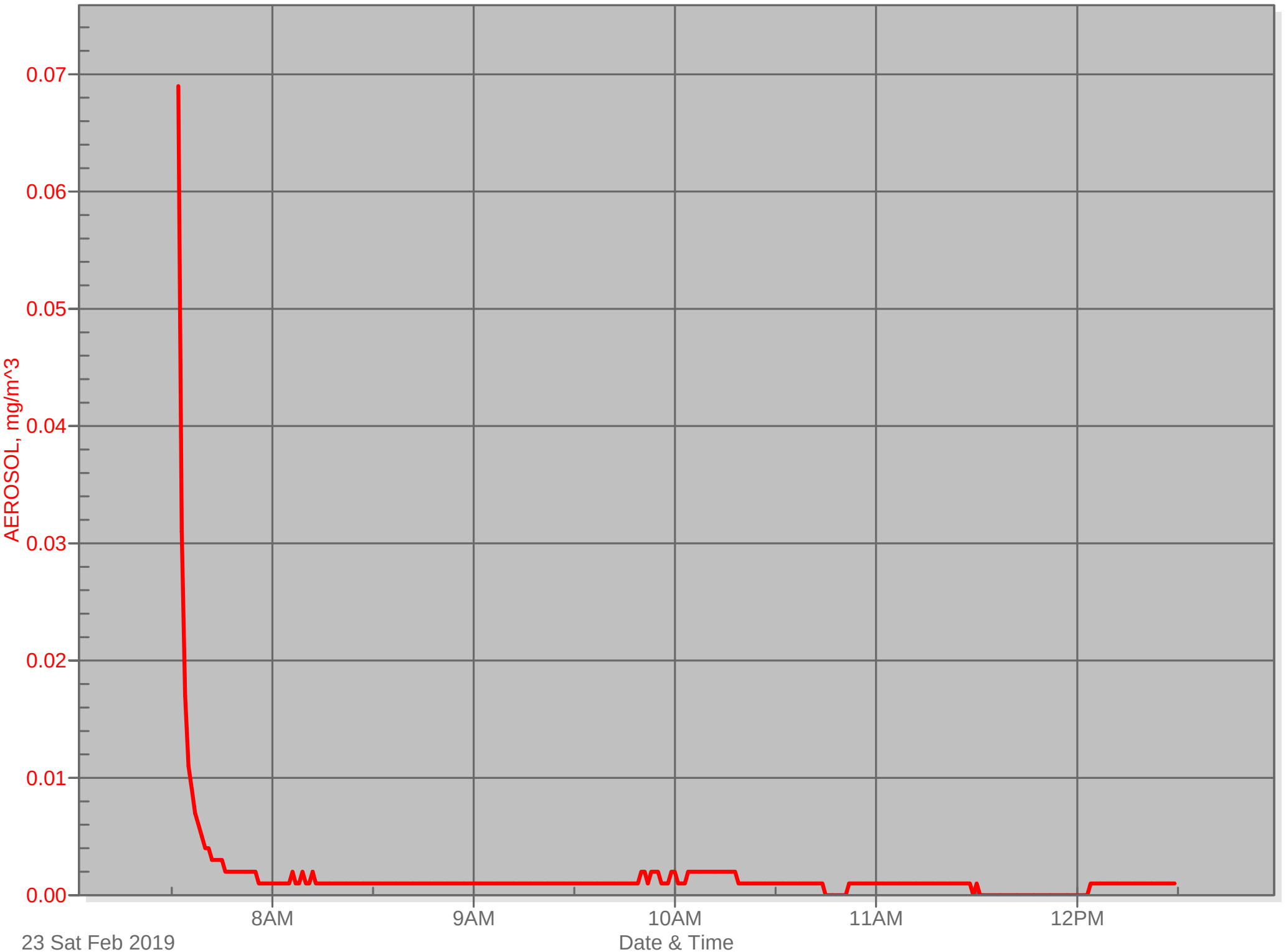
Test 028

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/23/2019
Instrument S/N	8530162808	Start Time	07:30:58
		Stop Date	02/23/2019
		Stop Time	12:28:58
		Total Time	0:04:58:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.002 mg/m ³
Max	0.069 mg/m ³
Max Date	02/23/2019
Max Time	07:31:58
Min	0.000 mg/m ³
Min Date	02/23/2019
Min Time	10:44:58
TWA (8 hr)	0.001
TWA Start Date	02/23/2019
TWA Start Time	07:30:58
TWA End Time	12:28:58

Elim Town Homes

02-23-2019



DAILY FIELD SUMMARY FORM

DATE: 2-25-2019

FILE No. 21.0056884.00

REPORT No. 19-30

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: Cloudy, Windy

Temp Range: 20 to 25 °F

Wind Speed: 20 - 40 mph

Wind Direction: W to E

Time GZA Arrived on Site: 0730

Site Conditions: Frozen ground

Contractors on Site: Visone

- GZA Personnel On-Site: M. Kress
- GZA's Equipment On-Site: Dust Trax
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)

- Visone continuing to install 6"Ø SEWER LINE TIE-IN TO BLDG A.
- Visone loading dirty soils that were temporarily stockpiled along stormwater trench. Taking to dirty stockpile.
No stained soils, product, odors or elevated PID readings observed.
ORANGE DEMARC. fabric placed in bottom of trench prior to pipe install & stone backfill.
- Visone backfilling above stormwater piping & around manhole (previously installed) with Imported crushed stone. Compacting in lifts.
- Visone excavating for stormwater tie in between BLDG A & B. Excavation is north of the building foundations.

Photos taken: Yes

Time GZA left Site: 3 pm.

Prepared by: Mike Kress

Reviewed by: J. Richert

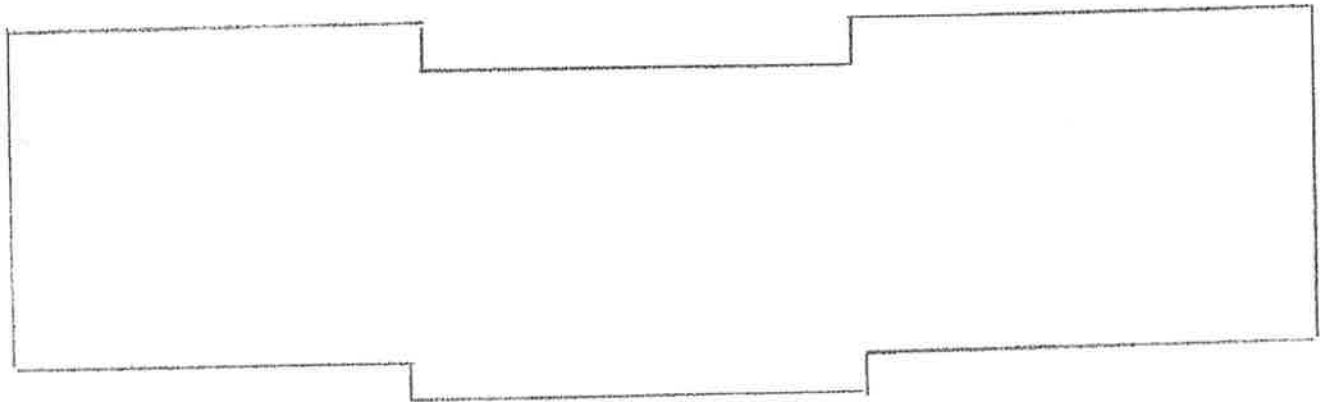
DAILY FIELD SUMMARY FORM

DATE: 2-25-2019

FILE No. 21.0056884.00

REPORT No. 19-30

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



Not to
Scale

Wind
Direction
→

6" ϕ Sewer Pipe
& stone backfill

Dust
Trax

MAN-
HOLE

Temporary dirty Soil
Stockpiles Loaded to Dirty
Stockpile

SITE BOUNDARY

Exc. For Storm
water TIE-in

B

A

CRUSHED STONE
BACKFILL

CLEAN
STOCKPILE

DIRTY
STOCKPILE

EXISTING
BUILDINGS

HOLDEN ST.

HILL ST.

CHALMERS AVE.

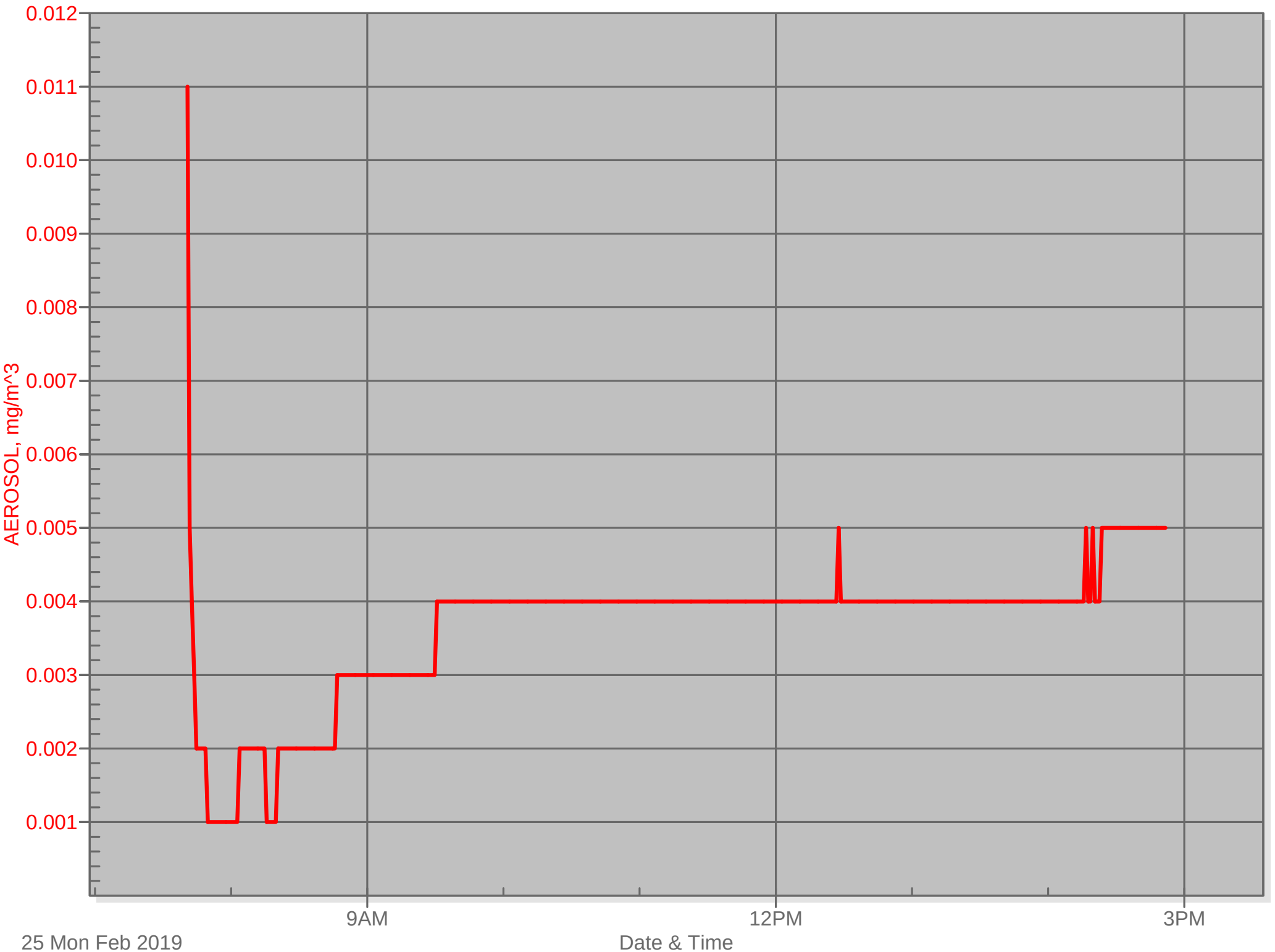
Test 029

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/25/2019
Instrument S/N	8530162808	Start Time	07:39:42
		Stop Date	02/25/2019
		Stop Time	14:51:42
		Total Time	0:07:12:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.004 mg/m ³
Max	0.011 mg/m ³
Max Date	02/25/2019
Max Time	07:40:42
Min	0.001 mg/m ³
Min Date	02/25/2019
Min Time	07:49:42
TWA (8 hr)	0.003
TWA Start Date	02/25/2019
TWA Start Time	07:39:42
TWA End Time	14:51:42

Elim Town Homes

02-25-2019



DAILY FIELD SUMMARY FORM

DATE: 2/26/2019

FILE No. 21.0056884.00

REPORT No. 19-31

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: CLOUDY
LIGHT SNOW

Temp Range: 18 to 20 °F

Wind Speed: 8 mph

Wind Direction: NW

Time GZA Arrived on Site: 0730

Site Conditions: FROZEN GROUND

Contractors on Site: VISON

- GZA Personnel On-Site: D. WULF
- GZA's Equipment On-Site: DUST TRAX
MINI-LAE 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)

- VISON INSTALLING 6" SEWER MAIN TO BUILDING "B" (STORM WATER)
- VISON CONTINUING TO BACKFILL ABOVE STORM WATER SEWER MAIN NORTH OF BUILDINGS "A" & "B", WITH CLEAN SOILS
- VISON INSTALLED A CATCH BASIN NORTH OF BUILDING "A"
- VISON EXCAVATED FOR THE ROAD THAT RUNS ALONG THE NORTH PROPERTY LINE
- DIRTY SOILS WERE HAULED TO THE DIRTY PILE, AND CLEAN SOIL WAS HAULED TO THE CLEAN PILE.
- VISIBLE DUST NOR ELEVATED PID READINGS WERE OBSERVED THIS DATE

Photos taken: YES

Time GZA left Site: 1600

Prepared by: D. WULF

Reviewed by: J. Richert

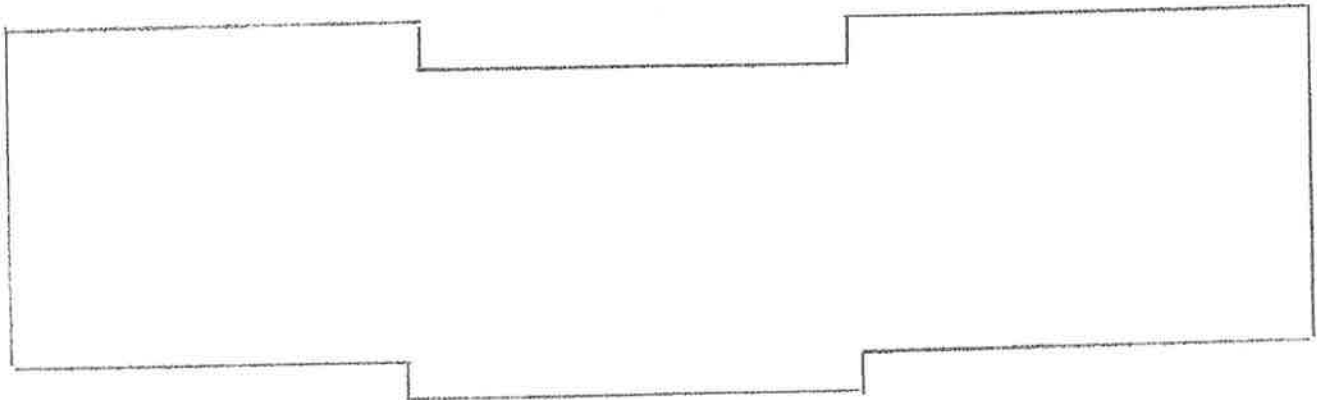
DAILY FIELD SUMMARY FORM

DATE: 2/26/ 2019

FILE No. 21.0056884.00

REPORT No. 19-31

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE

WIND
DIRECTION

AREA OF EXCAVATION
FOR ROADWAY

SITE BOUNDARY

STORM DRAINAGE
AREA

CATCH
BASIN
INSTALL

STORM WATER
PUMP INSTALLATION
LOCATION

CLEAN
STOCKPILE

DIRTY
STOCKPILE

EXISTING
BUILDINGS

DUST
TRAX
HILL

CHALMERS AVE.

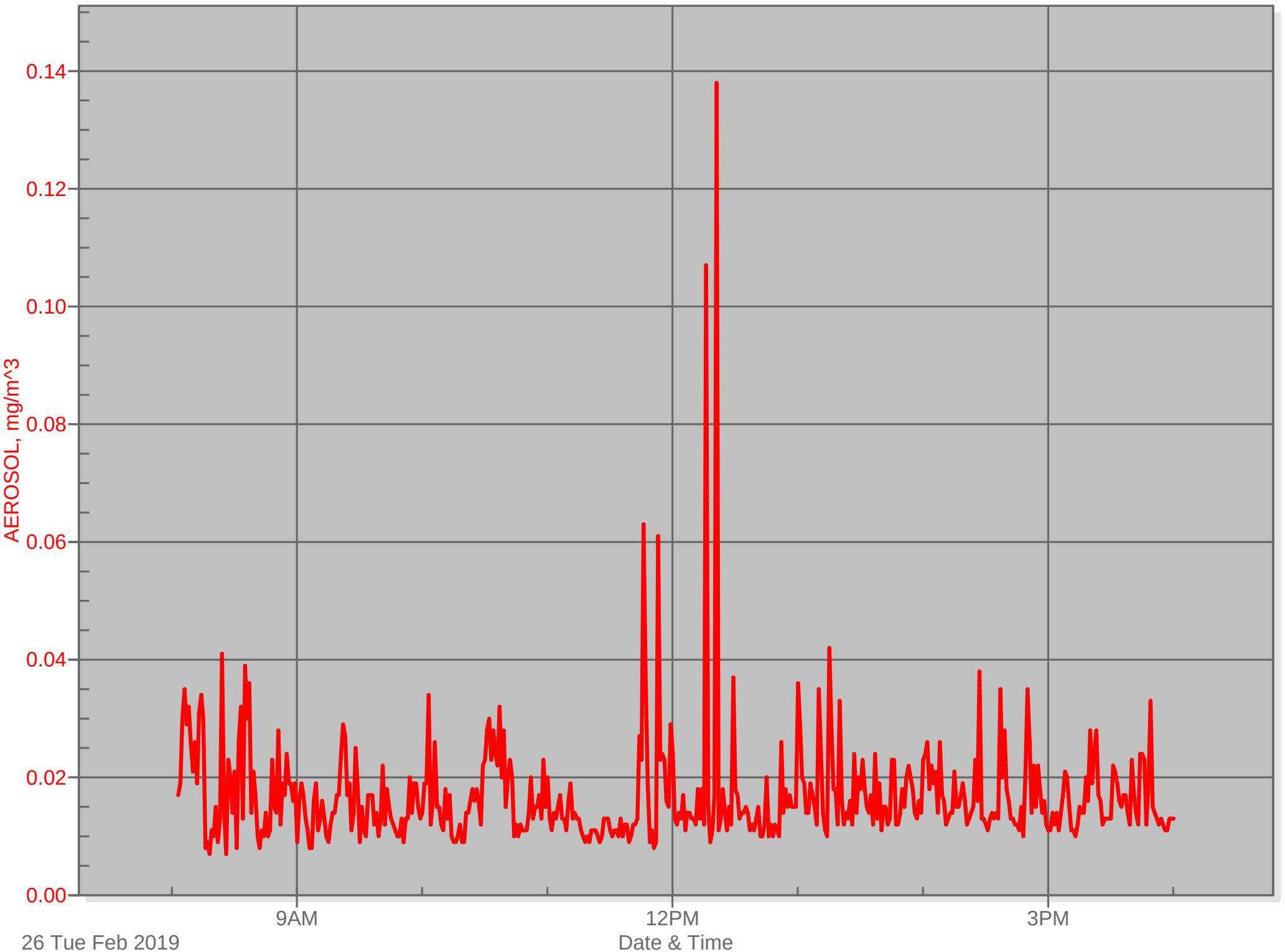
Test 030

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/26/2019
Instrument S/N	8530162808	Start Time	08:02:08
		Stop Date	02/26/2019
		Stop Time	16:00:08
		Total Time	0:07:58:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.017 mg/m ³
Max	0.138 mg/m ³
Max Date	02/26/2019
Max Time	12:21:08
Min	0.007 mg/m ³
Min Date	02/26/2019
Min Time	08:18:08
TWA (8 hr)	0.017
TWA Start Date	02/26/2019
TWA Start Time	08:02:08
TWA End Time	16:00:08

Elim Town Homes

02-26-2019



DAILY FIELD SUMMARY FORM

DATE: 2-27 2019

FILE No. 21.0056884.00

REPORT No. 19-32

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 14°F Snow

Temp Range: 14 to 22 °F

Wind Speed: 5-10 mph

Wind Direction: E

Time GZA Arrived on Site: 0715

Site Conditions: Frozen / snow cover

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyzanyh
- GZA's Equipment On-Site: DUST TREN
Mini RAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure: N/A

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone begins to excavate for foundation footers for Bldg A1.
- Soils excavated were staged in designated area south of site.
- Viscone installs man-hole on eastern portion of site - small amount of stone was backfilled around man-hole.
- During CAMP monitoring no elevated levels were observed.
- GZA did not observe elevated levels at VOC's → 0.0 ppm

Photos taken:

Time GZA left Site: 1530

Prepared by: Pete Nyzanyh

Reviewed by: J. Richard

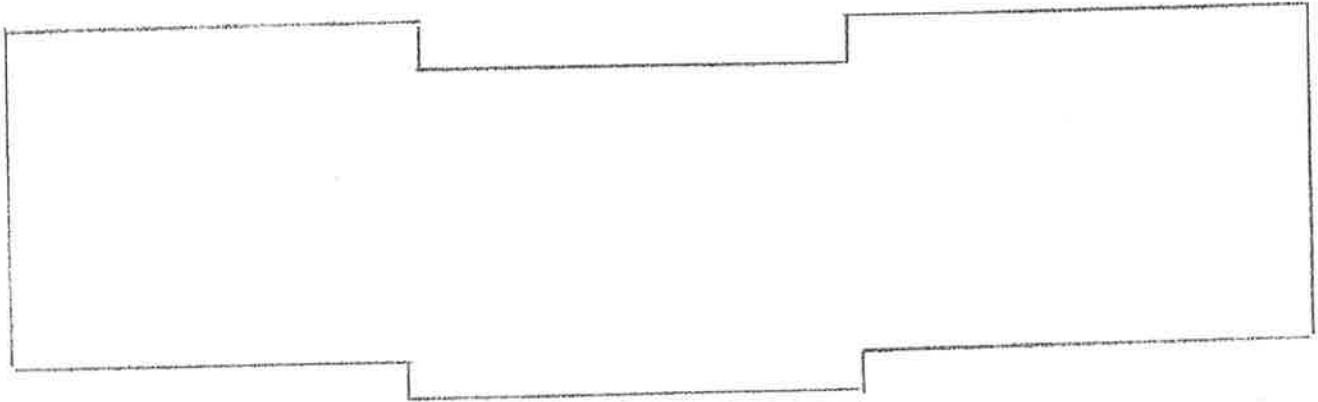
DAILY FIELD SUMMARY FORM

DATE: 2-27 2019

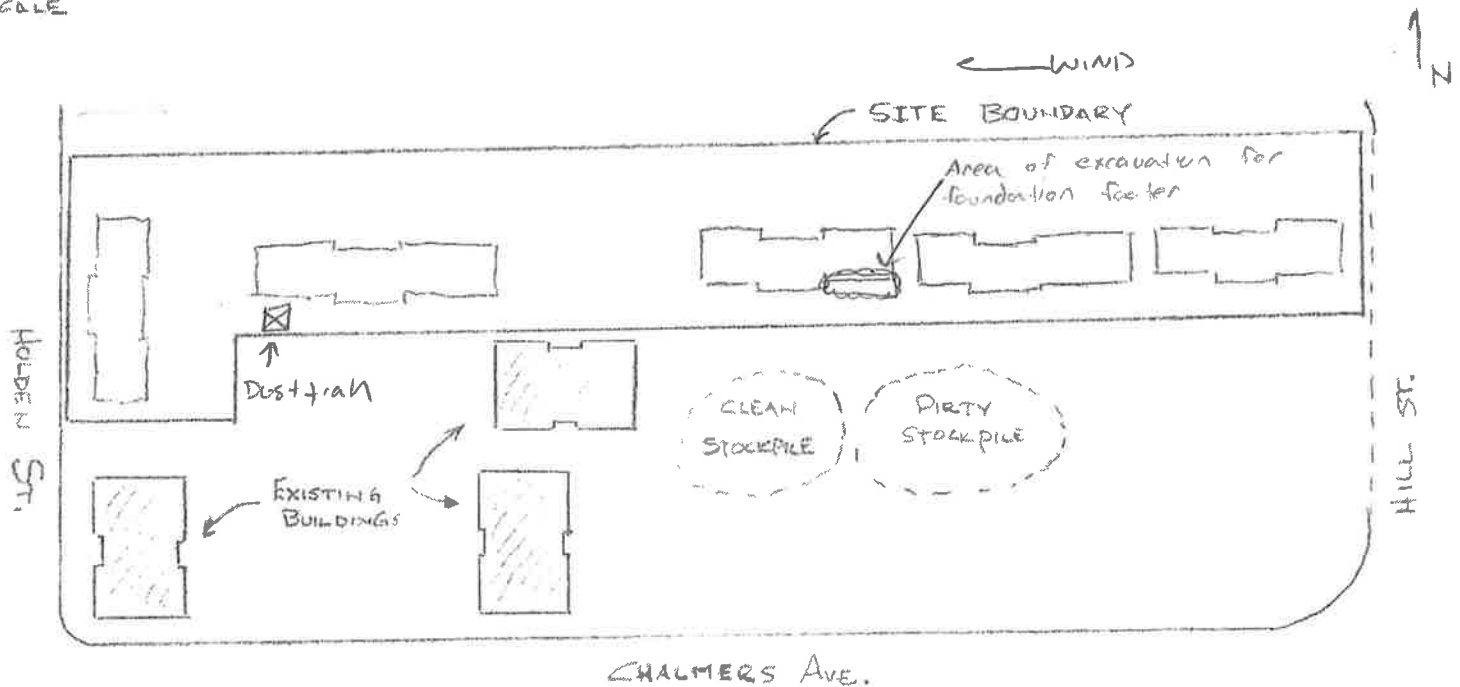
FILE No. 21.0056884.00

REPORT No. 19-32

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



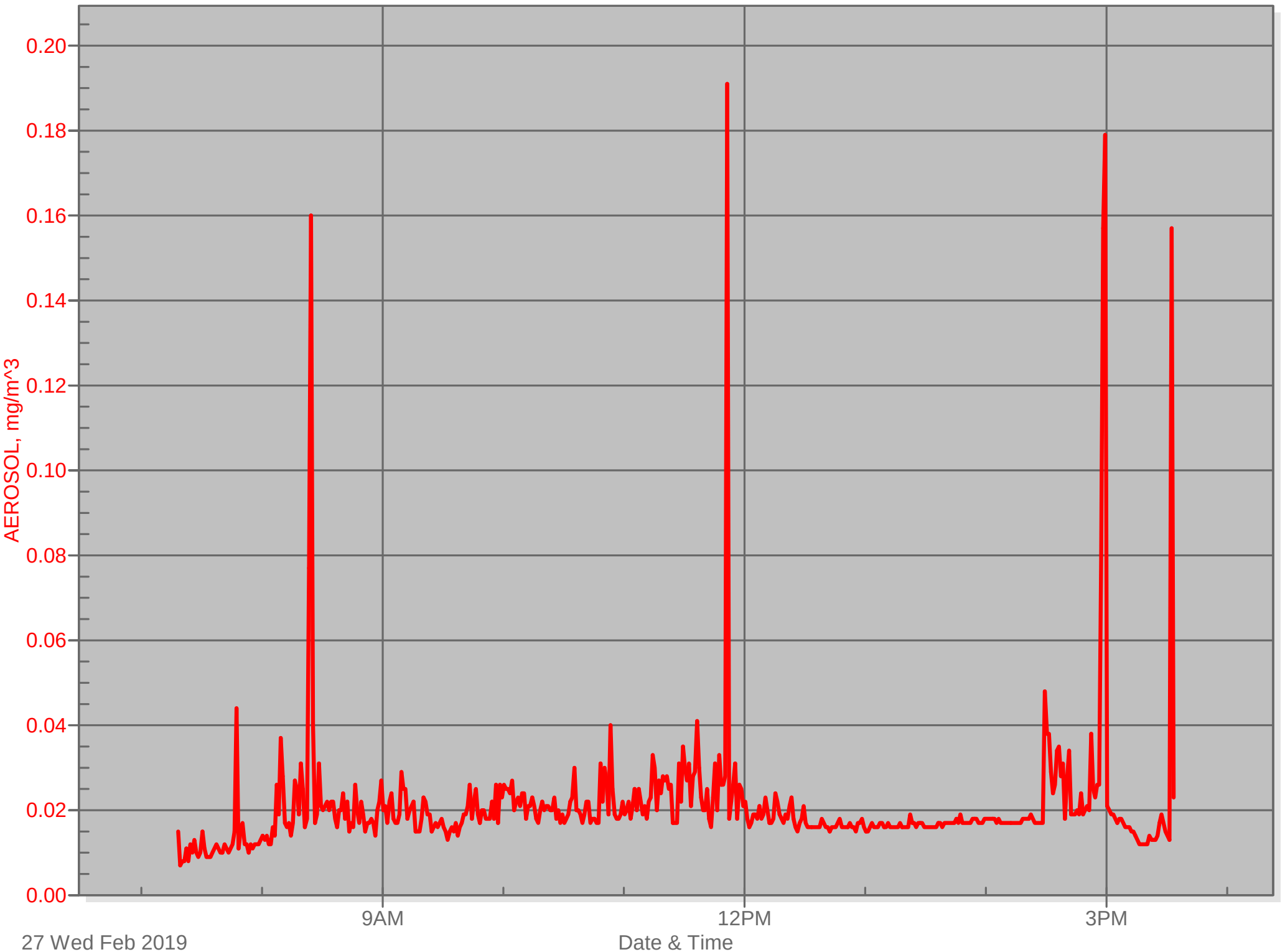
Test 031

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/27/2019
Instrument S/N	8530162808	Start Time	07:17:21
		Stop Date	02/27/2019
		Stop Time	15:33:21
		Total Time	0:08:16:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.021 mg/m ³
Max	0.191 mg/m ³
Max Date	02/27/2019
Max Time	11:51:21
Min	0.007 mg/m ³
Min Date	02/27/2019
Min Time	07:19:21
TWA (8 hr)	0.021
TWA Start Date	02/27/2019
TWA Start Time	07:17:21
TWA End Time	15:33:21

Elim Town Homes

02-27-2019



DAILY FIELD SUMMARY FORM

DATE: 2-20- 2019

FILE No. 21.0056884.00

REPORT No. 19-33

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 14°F Partly cloudy Temp Range: 14° to 20° °F
Time GZA Arrived on Site: 0715 Wind Speed: 5 mph
Wind Direction: NW

Site Conditions: Snow / Frozen ground

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyznyk
- GZA's Equipment On-Site: Dust-trak
Mini RAE 3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure: N/A

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone uses ground trench saw to break through frozen ground to provide guide for excavation during excavation for Bldg A1
- Viscone continues to excavate Bldg A1 foundation footers
- Viscone backfills storm-sewer excavation trench w/clean stone
- Viscone excavates for utilities in Bldg B footprint
- Viscone excavates for storm-sewer hook up for Bldg A+B
- During CAMP monitoring no elevated levels were observed
- GZA did not observe elevated levels of VOC's → 0.0ppm

Photos taken: Yes

Time GZA left Site: 1600

Prepared by: Pete Nyznyk

Reviewed by: J. Richard

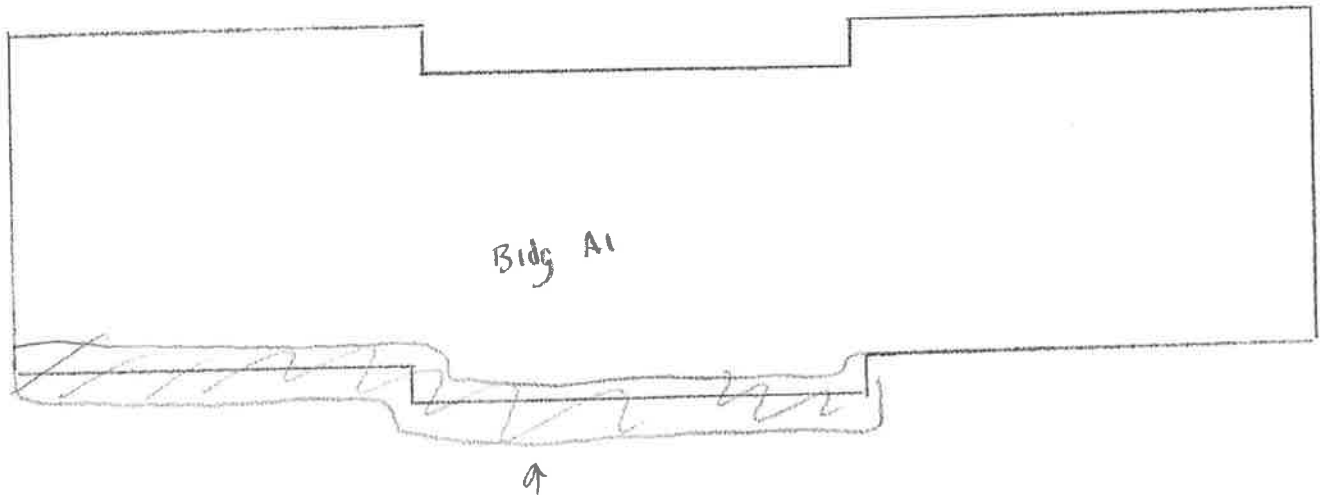
DAILY FIELD SUMMARY FORM

DATE: 2-28 2019

FILE No. 21.0056884.00

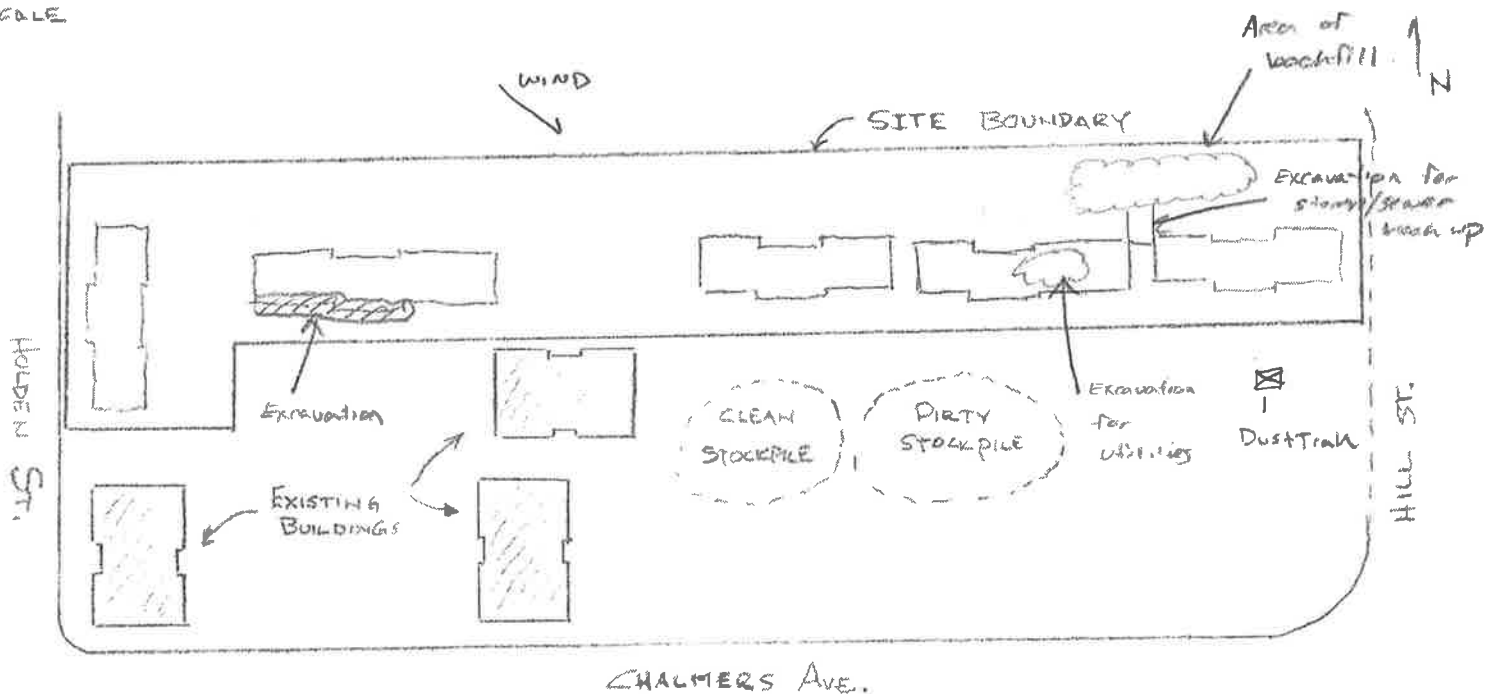
REPORT No. 19-33

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



Excavation for foundation piers

NOT TO
SCALE



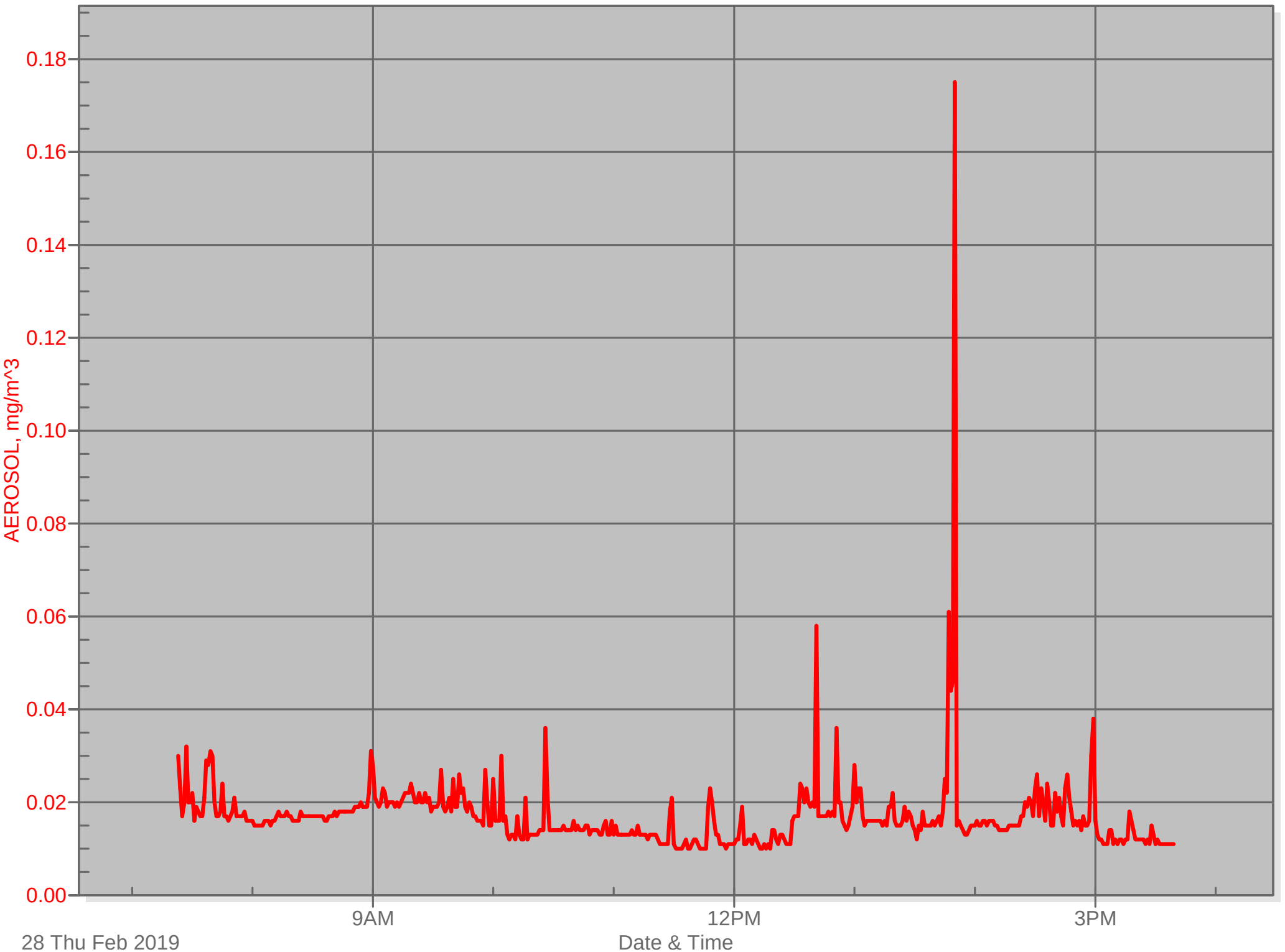
Test 032

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/28/2019
Instrument S/N	8530162808	Start Time	07:22:00
		Stop Date	02/28/2019
		Stop Time	15:39:00
		Total Time	0:08:17:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.017 mg/m ³
Max	0.175 mg/m ³
Max Date	02/28/2019
Max Time	13:50:00
Min	0.010 mg/m ³
Min Date	02/28/2019
Min Time	11:31:00
TWA (8 hr)	0.017
TWA Start Date	02/28/2019
TWA Start Time	07:22:00
TWA End Time	15:39:00

Elim Town Homes

02-28-2019



DAILY FIELD SUMMARY FORM

DATE: 3/11/2019

FILE No. 21.0056884.00

REPORT No. 19-34

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 14°F Sunny

Temp Range: 14° to 32° °F

Wind Speed: 4 mph

Wind Direction: E

Time GZA Arrived on Site: 0715

Site Conditions: Frozen Ground / Snow cover

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nymish
- GZA's Equipment On-Site: Dusttrak
Mini PAE3000

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)

- Viscone continues to backfill storm-sewer excavation w/ clean stone
- Viscone excavates small areas for catch basins in storm-sewer line
- Viscone installs catch basins along storm sewer line
- During backfill/excavation activities no elevated levels of Dust was observed during CAMP monitoring.
- During backfill/excavation activities GZA sampled ambient air up + down wind w/ PID → No elevated levels were observed (0.0ppm)

Photos taken: Yes

Time GZA left Site: 1545

Prepared by: Pete Nymish

Reviewed by: J. Rochet

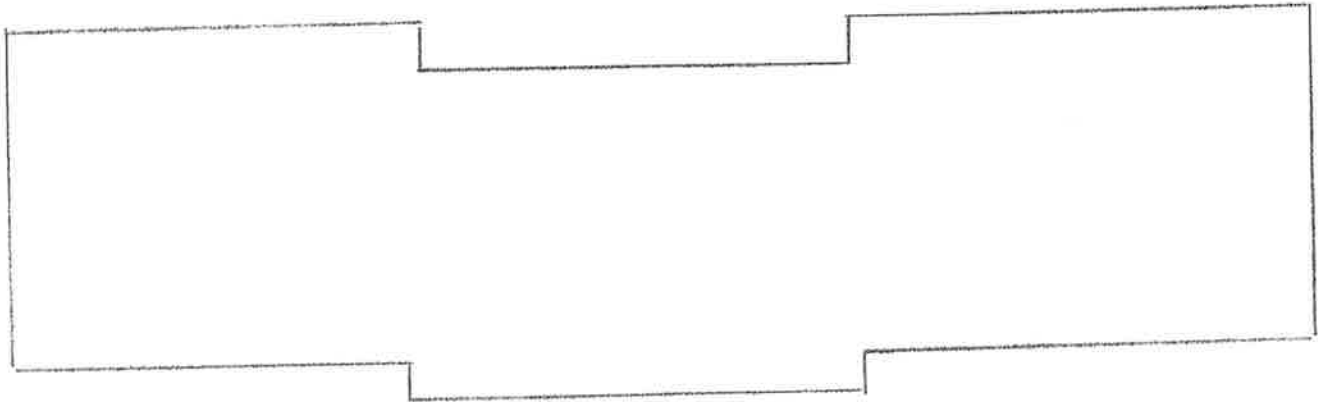
DAILY FIELD SUMMARY FORM

DATE: 3/1/2019

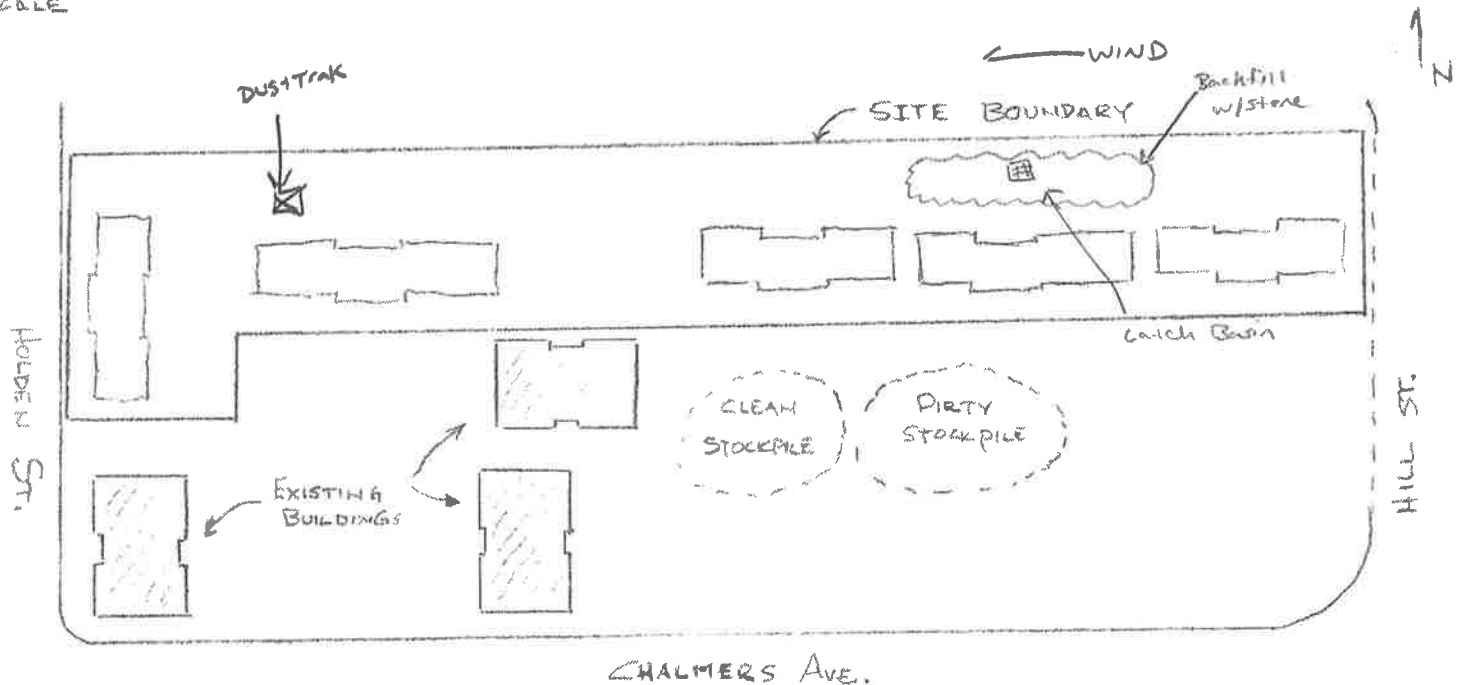
FILE No. 21.0056884.00

REPORT No. 19-34

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



Not to
Scale



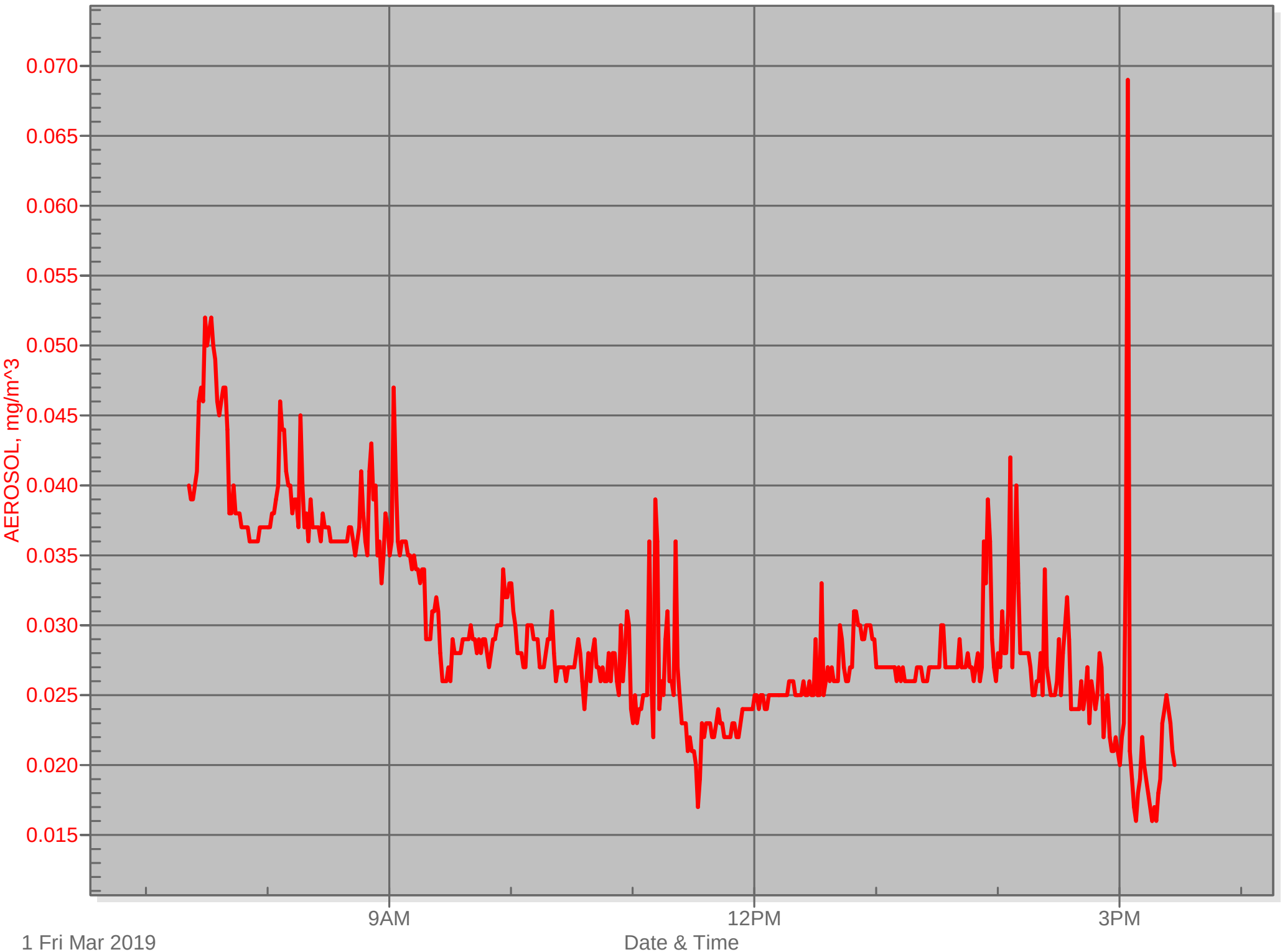
Test 033

Instrument		Data Properties	
Model	DustTrak II	Start Date	03/01/2019
Instrument S/N	8530162808	Start Time	07:20:10
		Stop Date	03/01/2019
		Stop Time	15:27:10
		Total Time	0:08:07:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.029 mg/m ³
Max	0.069 mg/m ³
Max Date	03/01/2019
Max Time	15:04:10
Min	0.016 mg/m ³
Min Date	03/01/2019
Min Time	15:08:10
TWA (8 hr)	0.030
TWA Start Date	03/01/2019
TWA Start Time	07:20:10
TWA End Time	15:27:10

Elim Town Homes

03-01-2019



DAILY FIELD SUMMARY FORM

DATE: 3/11 2019

FILE No. 21.0056884.00

REPORT No. 19-35

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 17°F Cloudy

Temp Range: 17 to 19 °F

Wind Speed: 5-10 mph

Wind Direction: N

Time GZA Arrived on Site: 0715

Site Conditions: Frozen Ground / Snow

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyznyk
- GZA's Equipment On-Site: Dust Train
Mini RAE 3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

N/A

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone continues to excavate for Bldg A1 foundation footers → Soil is directed loaded and stockpiled in designated areas.
- Viscone continues to excavate in Bldg B for utilities (water, sewer)
- Viscone continues to backfill storm-sewer excavation w/ clean stone
- GZA observed absent soil cover cap in portions of Bldg A1 excavation → See attached DFS field sketch.
- During CAMD monitoring no elevated levels of dust were observed
- NO elevated levels of VOC's were observed

Photos taken: Yes

Time GZA left Site: 1600

Prepared by: Pete Nyznyk

Reviewed by: J. Richert

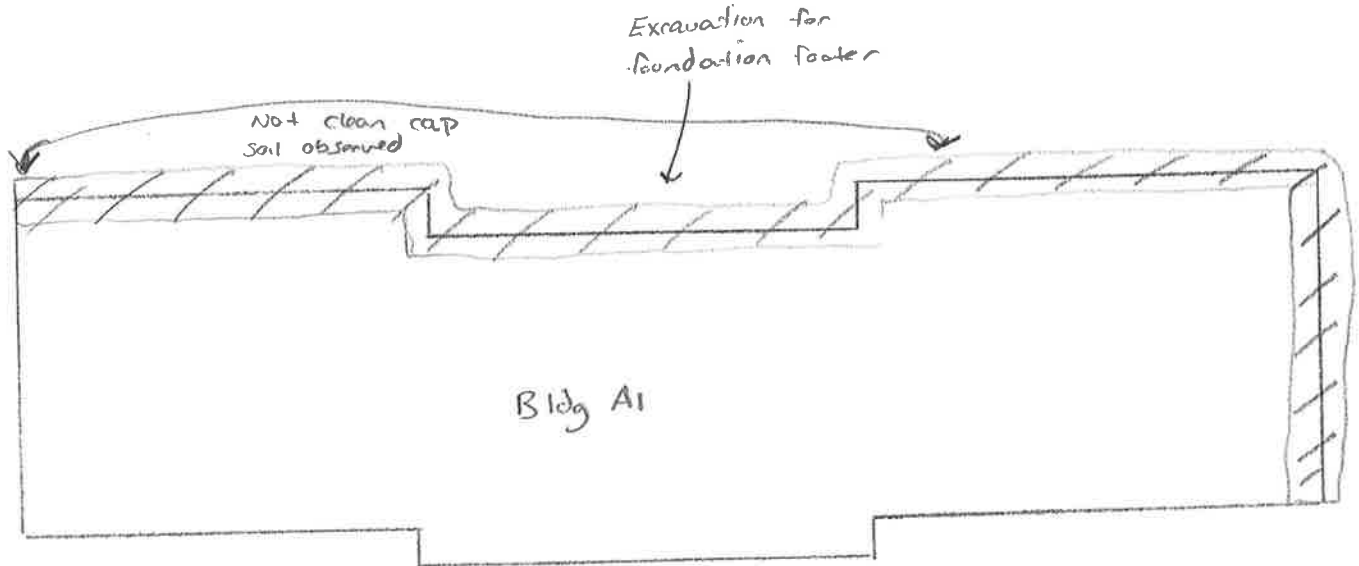
DAILY FIELD SUMMARY FORM

DATE: 3/4/2019

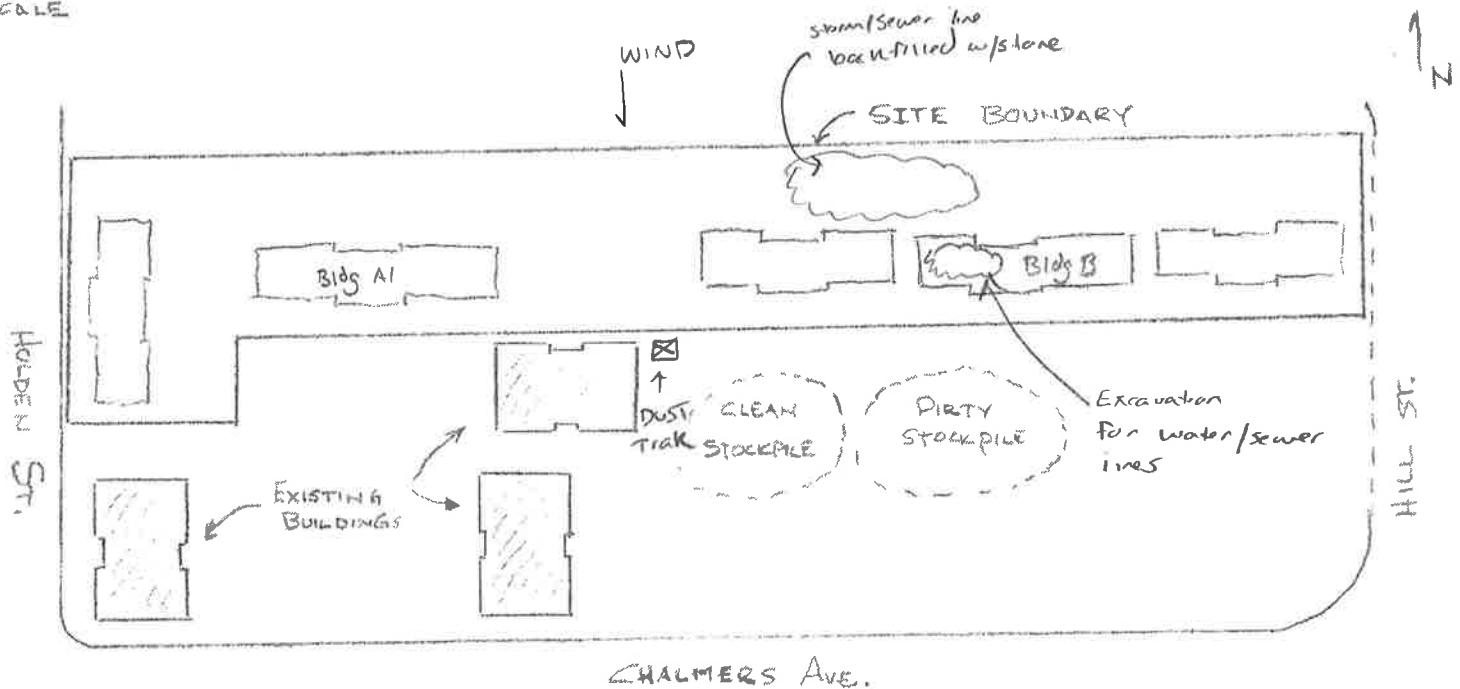
FILE No. 21.0056884.00

REPORT No. 19-35

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



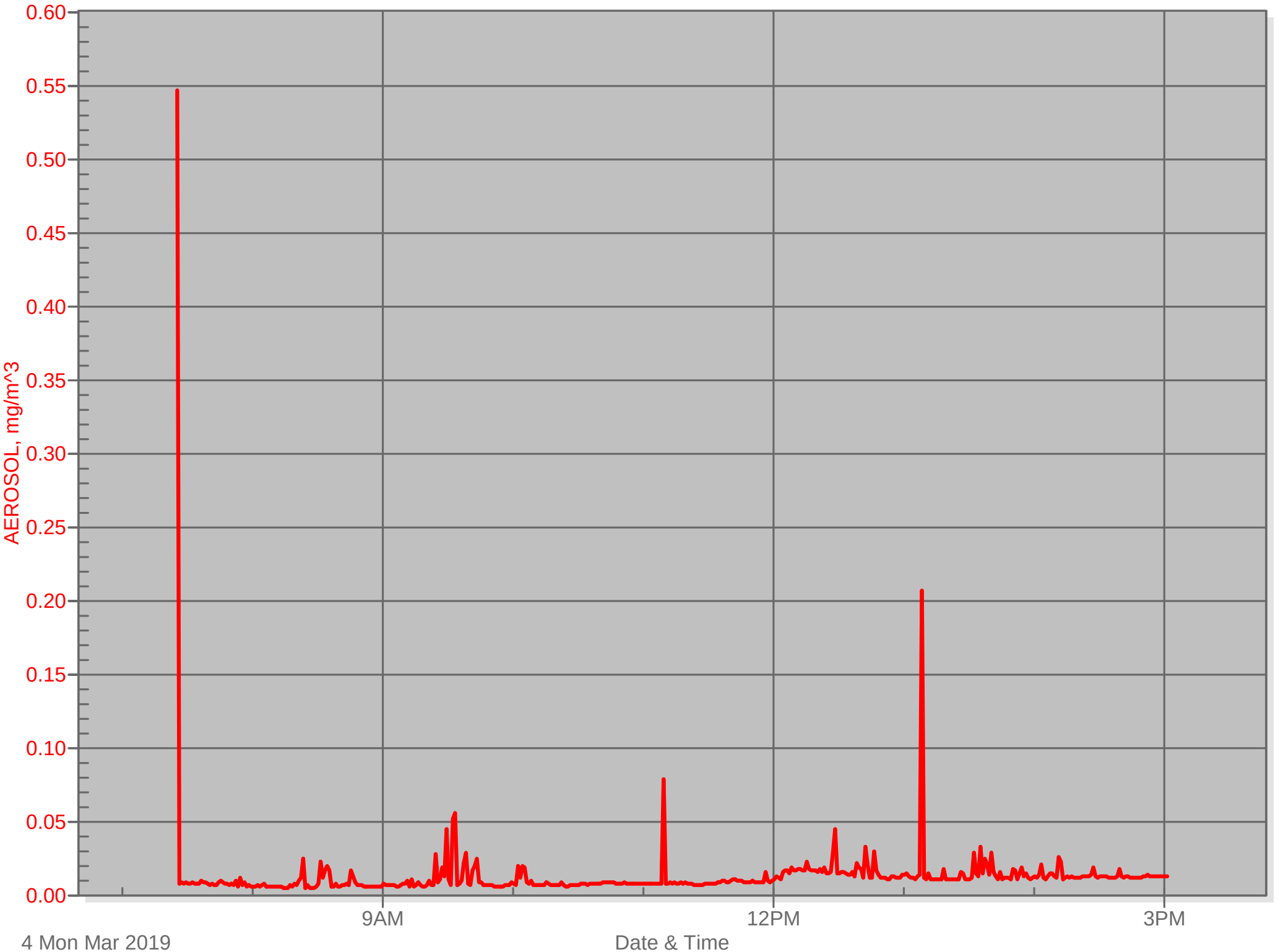
Test 034

Instrument		Data Properties	
Model	DustTrak II	Start Date	03/04/2019
Instrument S/N	8530162808	Start Time	07:24:18
		Stop Date	03/04/2019
		Stop Time	15:01:18
		Total Time	0:07:37:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.013 mg/m ³
Max	0.547 mg/m ³
Max Date	03/04/2019
Max Time	07:25:18
Min	0.005 mg/m ³
Min Date	03/04/2019
Min Time	08:14:18
TWA (8 hr)	0.012
TWA Start Date	03/04/2019
TWA Start Time	07:24:18
TWA End Time	15:01:18

Elim Town Homes

03-04-2019



DAILY FIELD SUMMARY FORM

DATE: 3-7-2019

FILE No. 21.0056884.00

REPORT No. 19-36

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 14°F Partly Cloudy

Temp Range: 14° to 23 °F

Wind Speed: 5 mph

Time GZA Arrived on Site: 7:15

Wind Direction: NW

Site Conditions: Frozen Ground/Snow

Contractors on Site: Viscone

Pro-line

• GZA Personnel On-Site: Pete Myznyk

• GZA's Equipment On-Site: DustTrak

MiniRAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

N/A

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone excavates small areas on northern boundary of site where paved road will be. Approximately ~2' of soil was removed below ground surface.
↳ Soil is directed loaded and stockpiled south of site.
- Viscone continues to backfill storm sewer line excavation w/clean stone
- DustTrak "Flow Error" data incomplete during duration of the day.
↳ No exceedences during periods of logging data. During times of instrument malfunction GZA made visible observation of dust generation. No visual airborne dust particulate was observed.
- GZA screened for VOCs w/PID → No elevated levels were observed → 0.0 ppm

Photos taken: NO

Time GZA left Site: 1600

Prepared by: Pete Myznyk

Reviewed by: Jim Kiebert

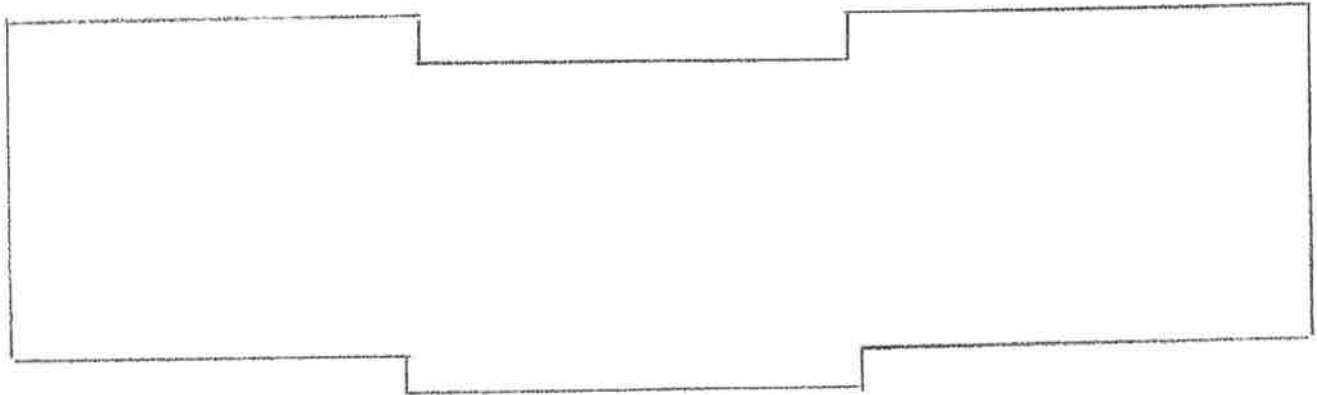
DAILY FIELD SUMMARY FORM

DATE: 3-7- 2019

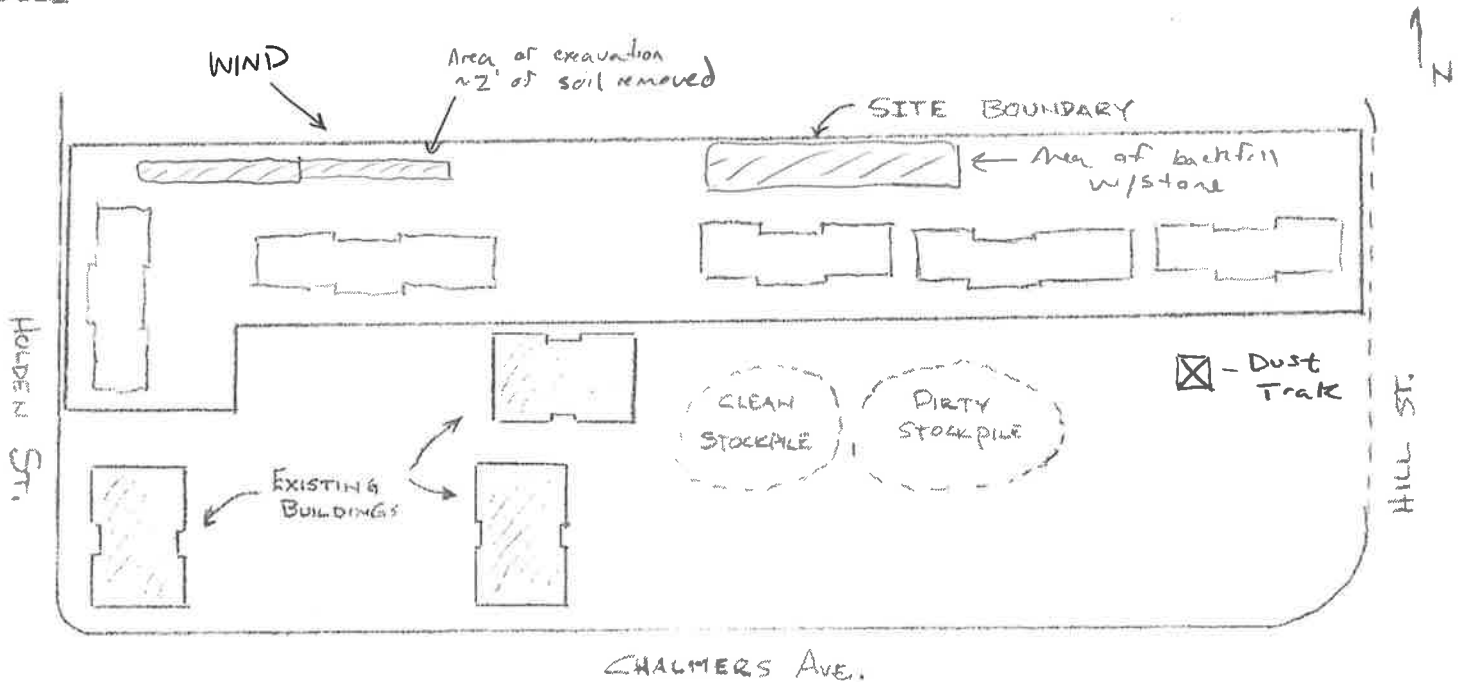
FILE No. 21.0056884.00

REPORT No. 19-36

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



Test 041

Instrument		Data Properties	
Model	DustTrak II	Start Date	03/07/2019
Instrument S/N	8530162808	Start Time	14:24:45
		Stop Date	03/07/2019
		Stop Time	15:52:45
		Total Time	0:01:28:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.010 mg/m ³
Max	0.012 mg/m ³
Max Date	03/07/2019
Max Time	14:39:45
Min	0.007 mg/m ³
Min Date	03/07/2019
Min Time	14:25:45
TWA (8 hr)	0.002
TWA Start Date	03/07/2019
TWA Start Time	14:24:45
TWA End Time	15:52:45

03-07-2019

03-07-2019



DAILY FIELD SUMMARY FORM

DATE: 3/21 2019

FILE No. 21.0056884.00

REPORT No. 19-37

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 10°F sun

Temp Range: 10 to 32 °F

Wind Speed: 5 mph

Wind Direction: SE

Time GZA Arrived on Site: 07:10

Site Conditions: Frozen Ground / Snow

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Myrnyk
- GZA's Equipment On-Site: DUSTRAK
MINI LAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure: N/A

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone continues to back area of storm sewer excavation w/clean stone
- Viscone excavates approximately ~2' of soil for installation of paved road
- Viscone excavates areas for catch basins along storm-sewer line
- Viscone installs catch basins along storm sewer line
- GZA did not observe exceedances during CAMP monitoring
- GZA periodically screened ambient w/PID during excavation activities → no elevated VOC levels were observed. → 0.0ppm

Photos taken: Yes

Time GZA left Site: 1600

Prepared by: Pete Myrnyk

Reviewed by: Jim Richert

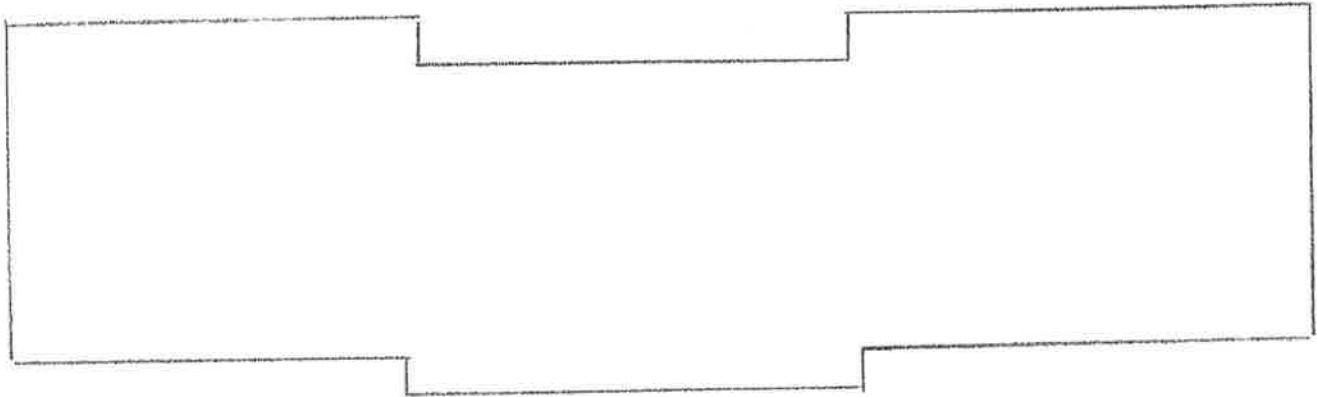
DAILY FIELD SUMMARY FORM

DATE: 3/8/ 2019

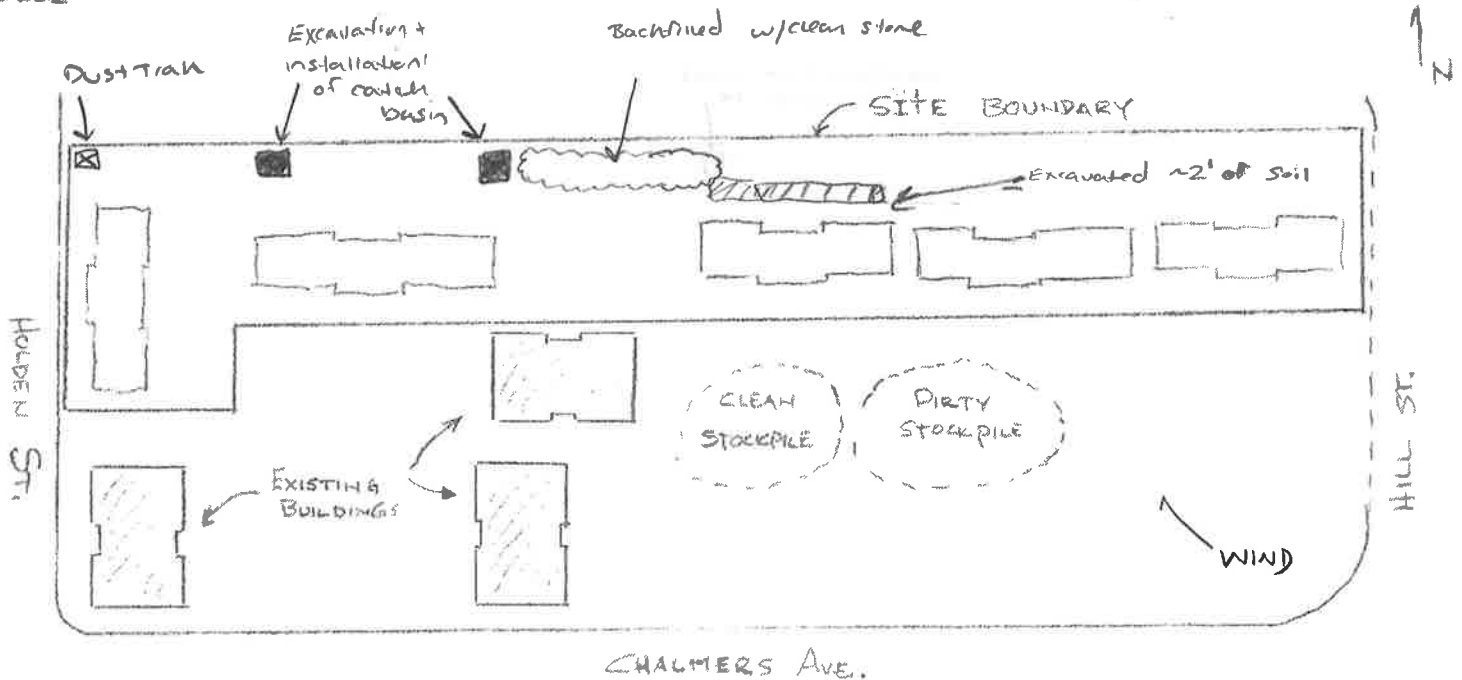
FILE No. 21.0056884.00

REPORT No. 19-37

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



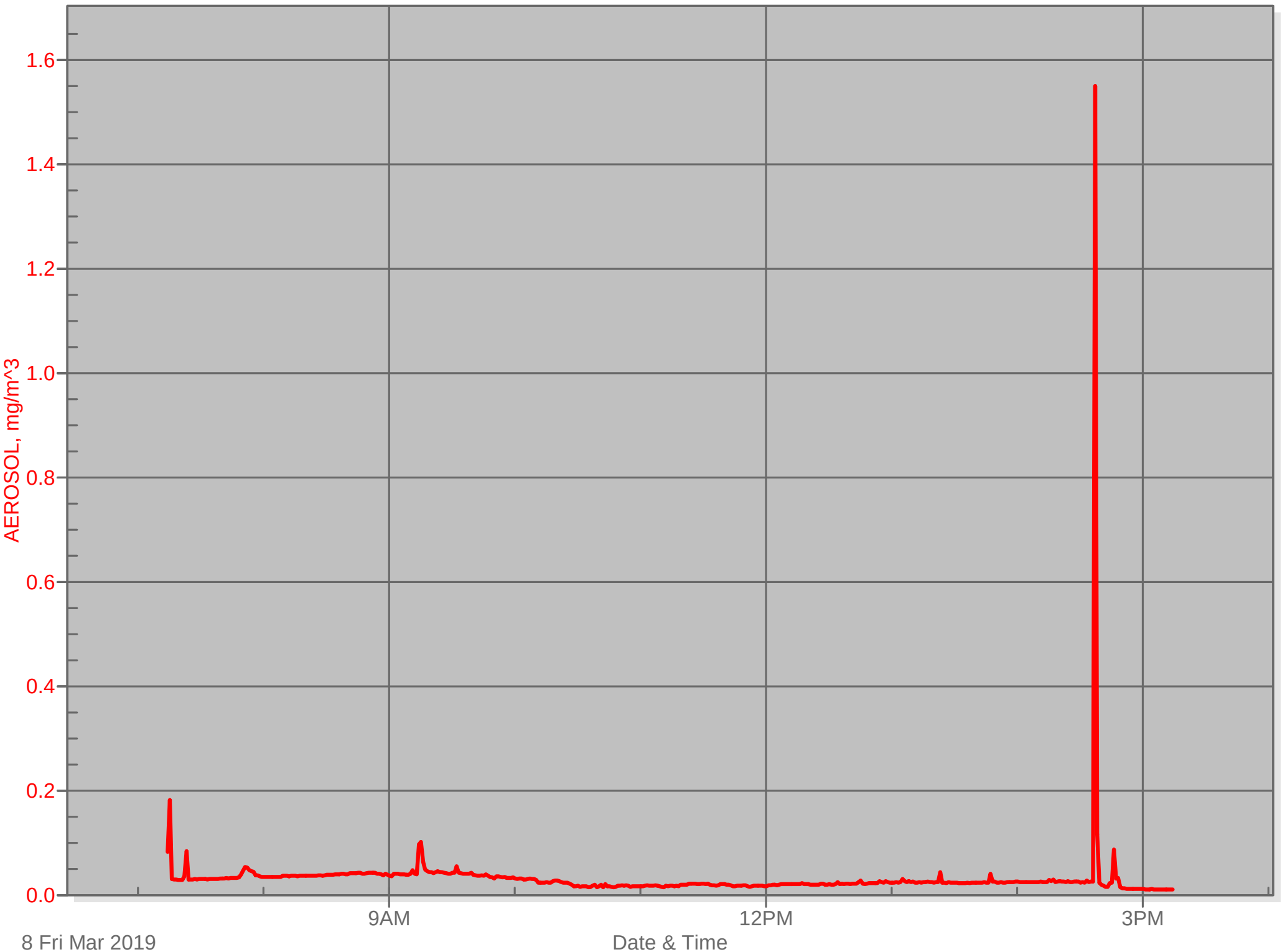
Test 042

Instrument		Data Properties	
Model	DustTrak II	Start Date	03/08/2019
Instrument S/N	8530162808	Start Time	07:13:14
		Stop Date	03/08/2019
		Stop Time	15:14:14
		Total Time	0:08:01:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.032 mg/m ³
Max	1.550 mg/m ³
Max Date	03/08/2019
Max Time	14:37:14
Min	0.011 mg/m ³
Min Date	03/08/2019
Min Time	15:01:14
TWA (8 hr)	0.032
TWA Start Date	03/08/2019
TWA Start Time	07:13:14
TWA End Time	15:14:14

Elim Town Homes

03-08-2019



DAILY FIELD SUMMARY FORM

DATE: 3/11/ 2019

FILE No. 21.0056884.00

REPORT No. 19-38

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 30°F Partly Cloudy Temp Range: 30 to 33 °F
Time GZA Arrived on Site: 7:20 Wind Speed: 15-20 mph
Wind Direction: SW

Site Conditions: Muddy

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyznyk
- GZA's Equipment On-Site: DUSTRAK
Min. RAE3000

Name of NYSDEC Representative(s) on Site: N/A
Time of arrival/Time of departure:
Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone excavates/grades <1' of soil in Bldg C foundation.
↳ excavated soils were direct loaded onto trucks and stockpiled south of the site.
- Viscone backfills and grades inside Bldg C foundation w/clean stone.
- During CAMP monitoring and PID screening no elevated levels were observed.
- Viscone uses clean stone to backfill areas of storm-sewer excavation.
- Viscone compacts backfilled stone in Bldg C foundation w/roller.

Photos taken: Yes

Time GZA left Site: 1600

Prepared by: Pete Nyznyk

Reviewed by: Jim Richard

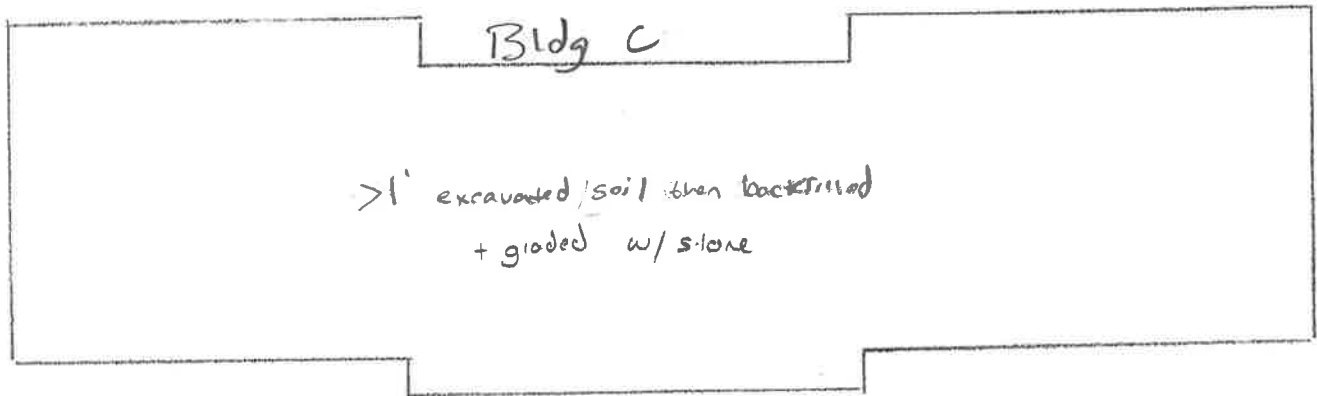
DAILY FIELD SUMMARY FORM

DATE: 3/11/2019

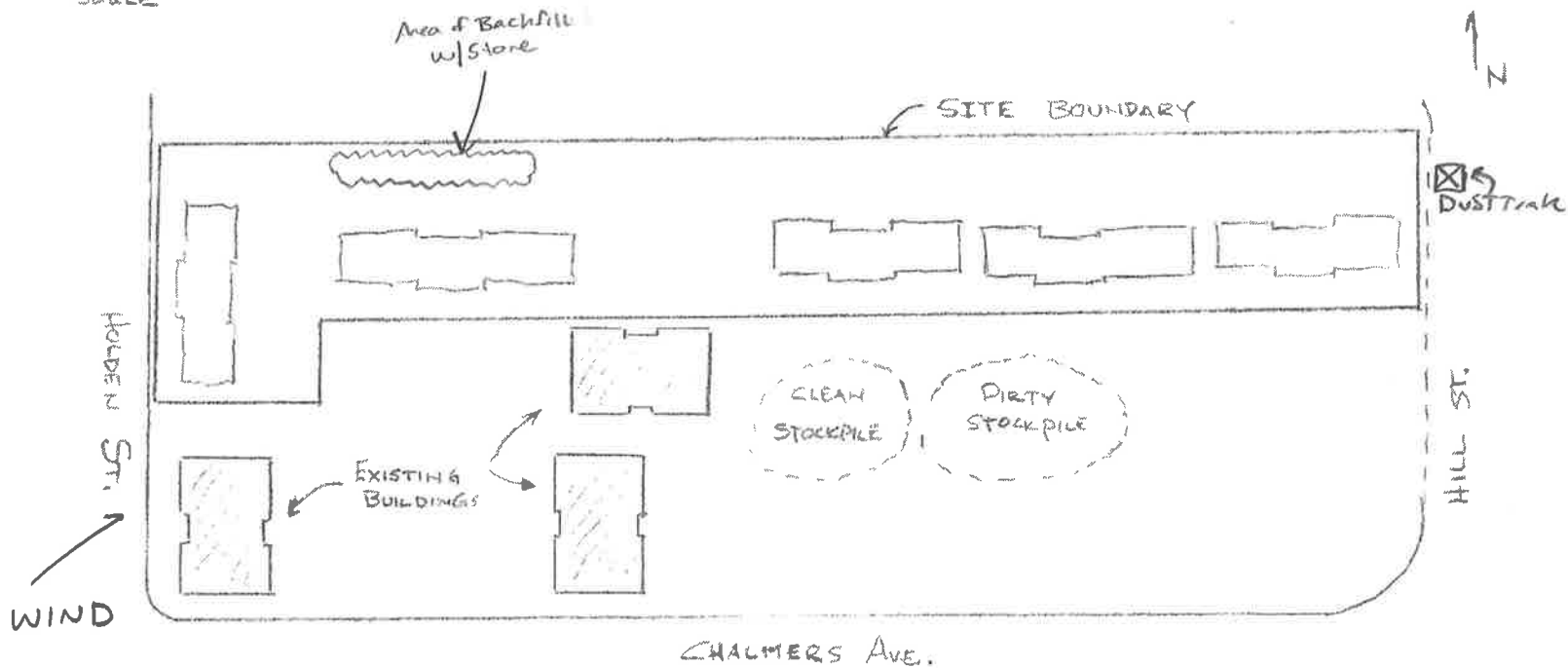
FILE No. 21.0056884.00

REPORT No. 19-38

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



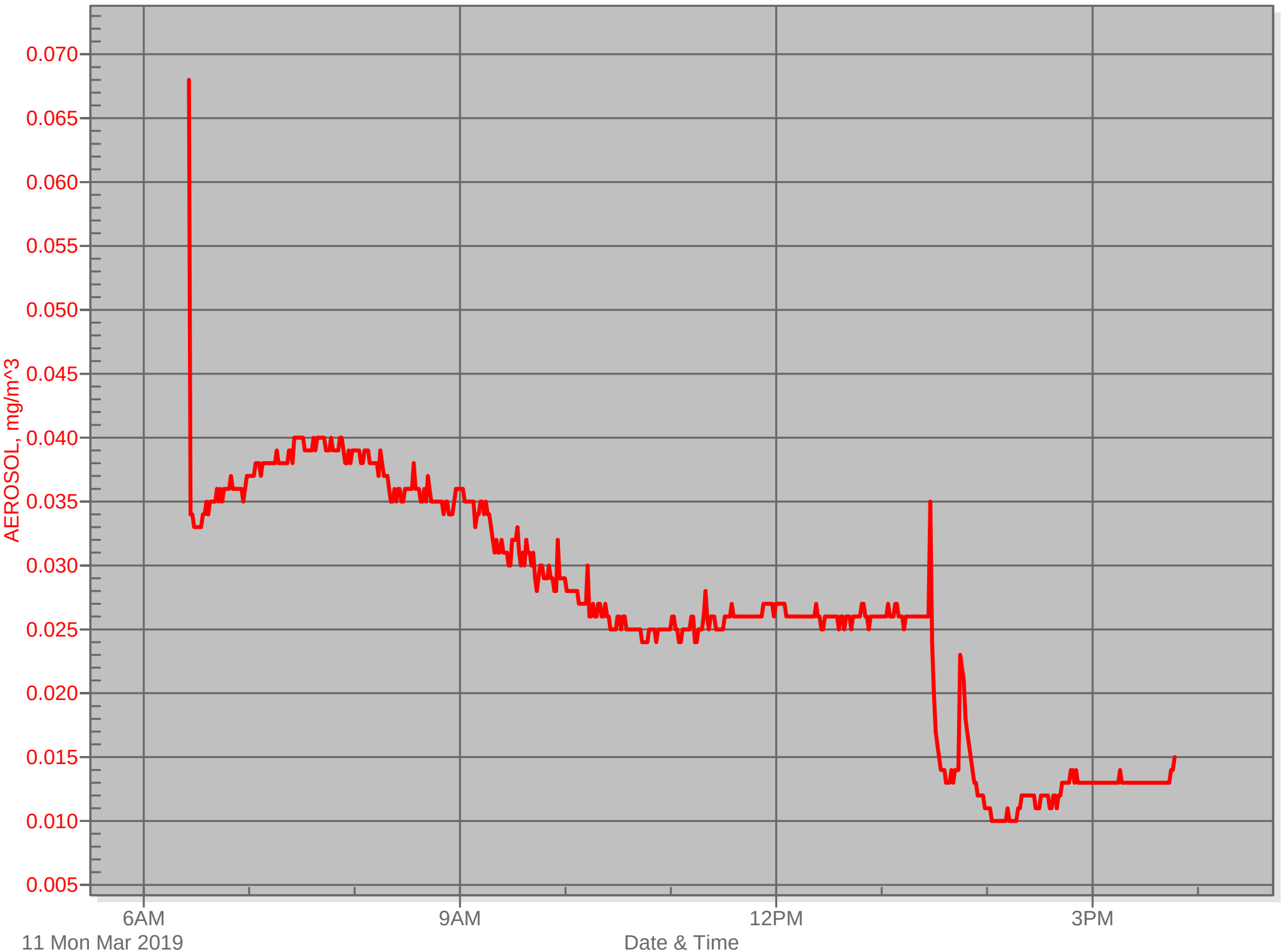
Test 043

Instrument		Data Properties	
Model	DustTrak II	Start Date	03/11/2019
Instrument S/N	8530162808	Start Time	06:24:41
		Stop Date	03/11/2019
		Stop Time	15:46:41
		Total Time	0:09:22:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.026 mg/m ³
Max	0.068 mg/m ³
Max Date	03/11/2019
Max Time	06:25:41
Min	0.010 mg/m ³
Min Date	03/11/2019
Min Time	14:02:41
TWA (8 hr)	0.029
TWA Start Date	03/11/2019
TWA Start Time	06:24:41
TWA End Time	15:46:41

Elim Town Homes

03-11-2019



DAILY FIELD SUMMARY FORM

DATE: 3/12/ 2019

FILE No. 21.0056884.00

REPORT No. 19- 37

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 28°F cloudy

Temp Range: 28 to 33 °F

Wind Speed: 10 mph

Wind Direction: NW

Time GZA Arrived on Site: 7:20

Site Conditions: Frozen Ground → Mud

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyzyn
- GZA's Equipment On-Site: DustTrak
Mini RAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

N/A

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone continues to backfill, grade and compact in Bldg C Foundation w/clean stone.
- Viscone finishes west end of Bldg C excavation for foundation footer
- Viscone excavates for foundation launches in Bldg C.
- Viscone compacts areas of backfilled stone along storm-sewer excavation w/smaller drum roller
- During CAMP monitoring no exceedances were observed.
- GZA screened ambient air during excavation activities w/PID and no elevated levels were observed → 0.0ppm

Photos taken: Yes

Time GZA left Site: 1605

Prepared by: Pete Nyzyn

Reviewed by: Jim Richert

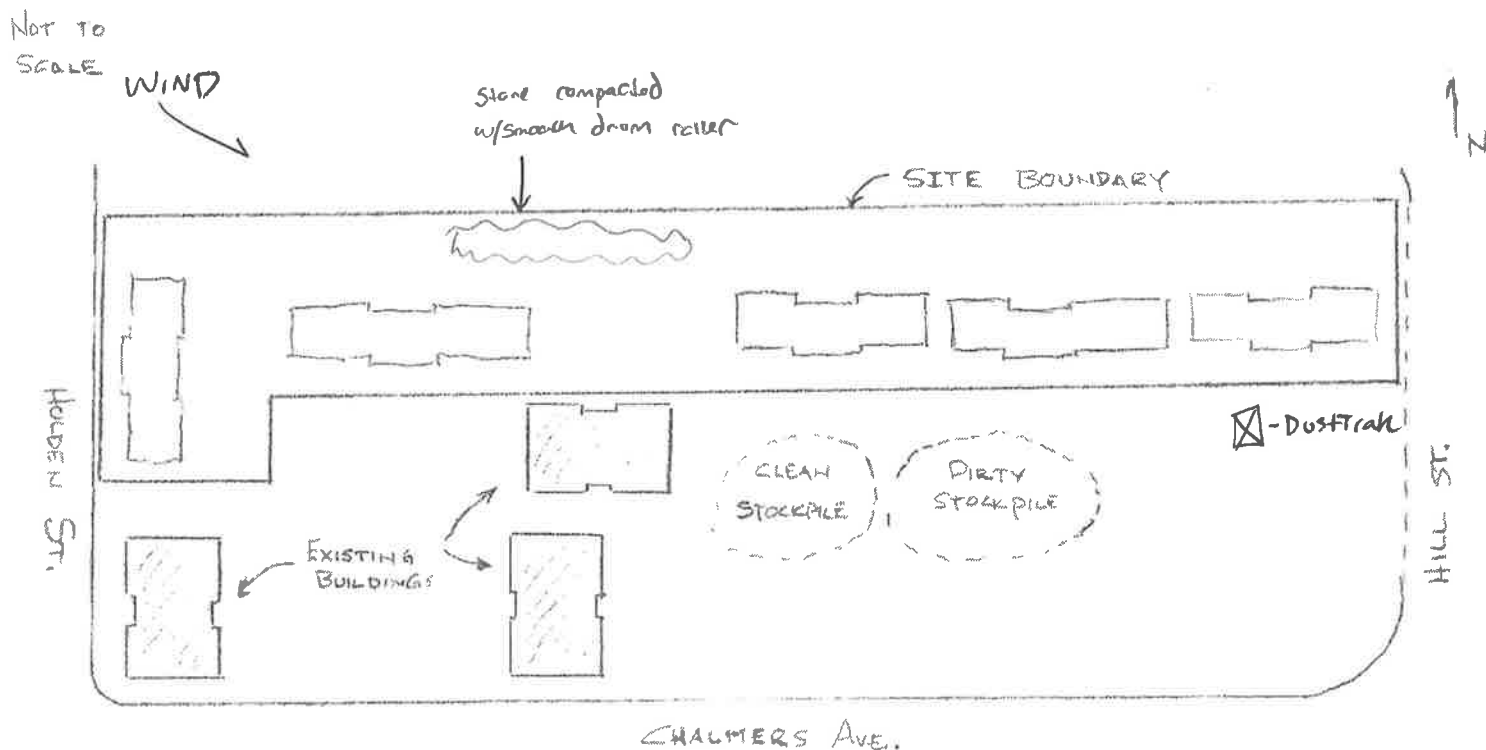
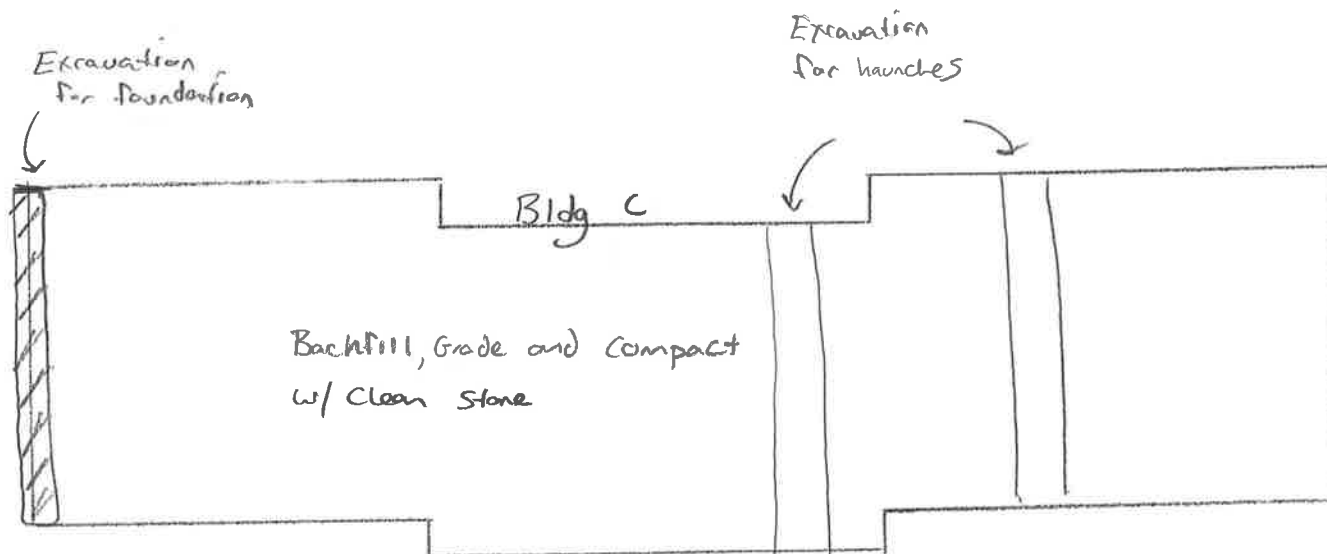
DAILY FIELD SUMMARY FORM

DATE: 3/12/2019

FILE No. 21.0056884.00

REPORT No. 19-39

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



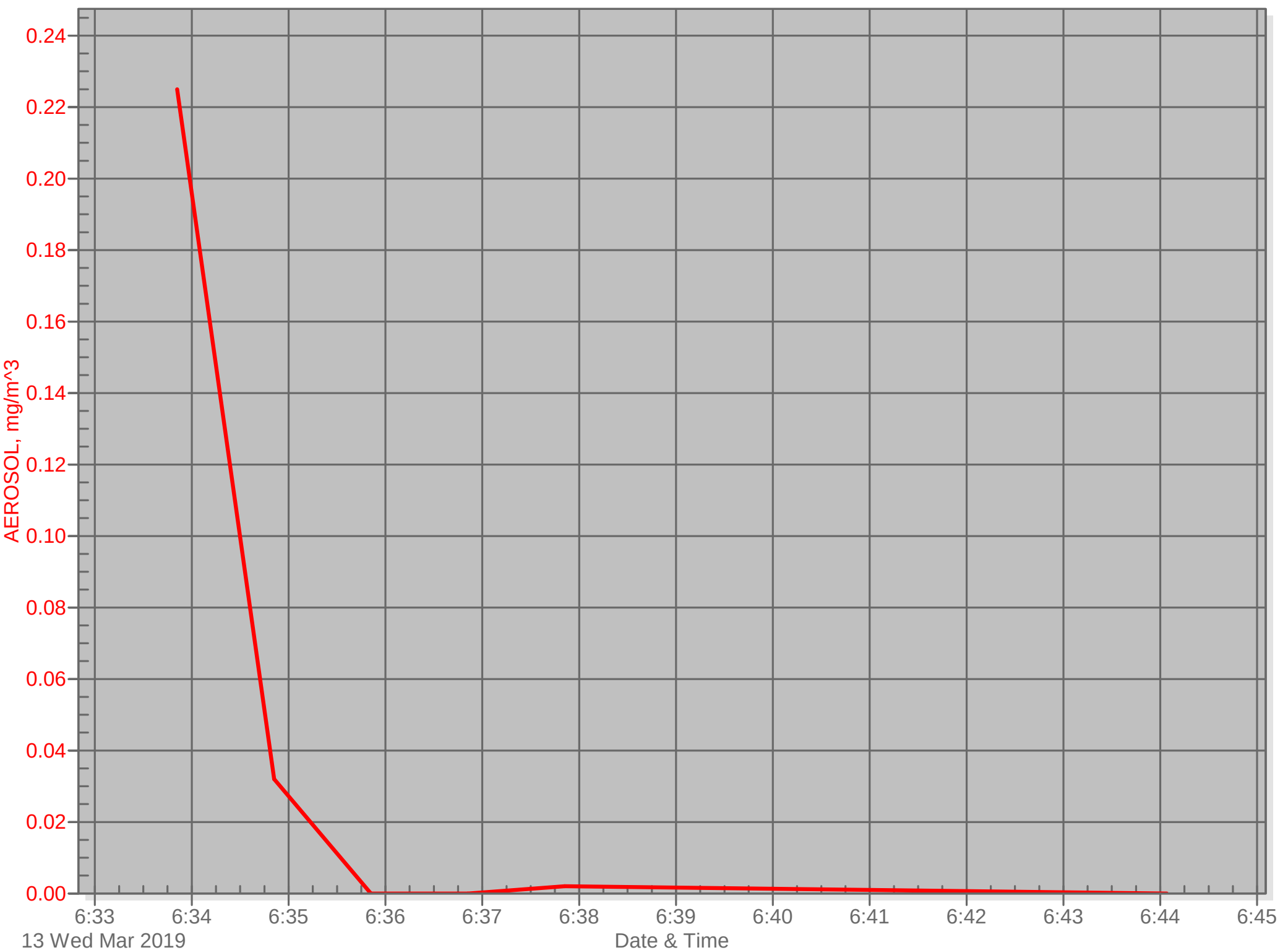
Test 044

Instrument		Data Properties	
Model	DustTrak II	Start Date	03/12/2019
Instrument S/N	8530162808	Start Time	06:19:16
		Stop Date	03/12/2019
		Stop Time	14:43:16
		Total Time	0:08:24:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.015 mg/m ³
Max	1.710 mg/m ³
Max Date	03/12/2019
Max Time	13:32:16
Min	0.002 mg/m ³
Min Date	03/12/2019
Min Time	13:45:16
TWA (8 hr)	0.016
TWA Start Date	03/12/2019
TWA Start Time	06:19:16
TWA End Time	14:43:16

Elim Town Homes

03-12-2019



DAILY FIELD SUMMARY FORM

DATE: 3/14/ 2019

FILE No. 21.0056884.00

REPORT No. 19-41

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 42°F cloudy

Temp Range: 42° to 60° °F

Wind Speed: 5-10 mph

Wind Direction: E-SE

Time GZA Arrived on Site: 0715

Site Conditions: Muddy

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyznyk
- GZA's Equipment On-Site: DustTrak
Mini RAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure: NA

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone places clean stone on east end of site to build up + maintain access road.
- Plumbing contractors excavate for water + sewer lines in Bldg C footprint
- Viscone backfills areas around Bldg C foundation w/clean stone
- During CAMD monitoring GZA did not observe exceedances.
- GZA periodically screened ambient air up/down wind of excavation area and no elevated levels were observed. ⇒ 0.0 ppm

Photos taken: Yes

Time GZA left Site: 1500

Prepared by: Pete Nyznyk

Reviewed by: Jim Richert

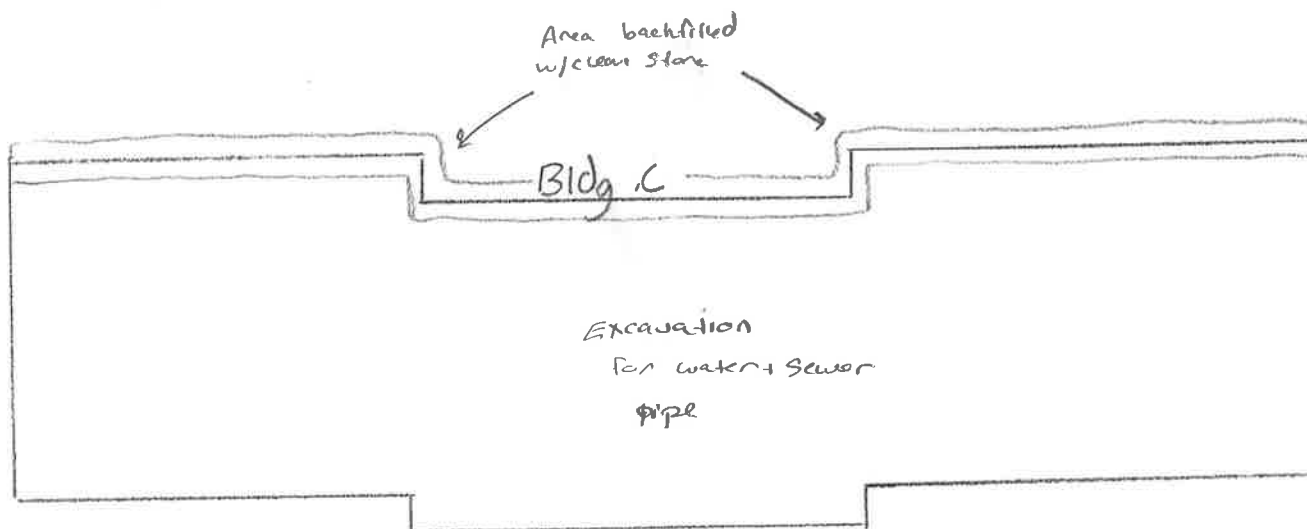
DAILY FIELD SUMMARY FORM

DATE: 3/14/ 2019

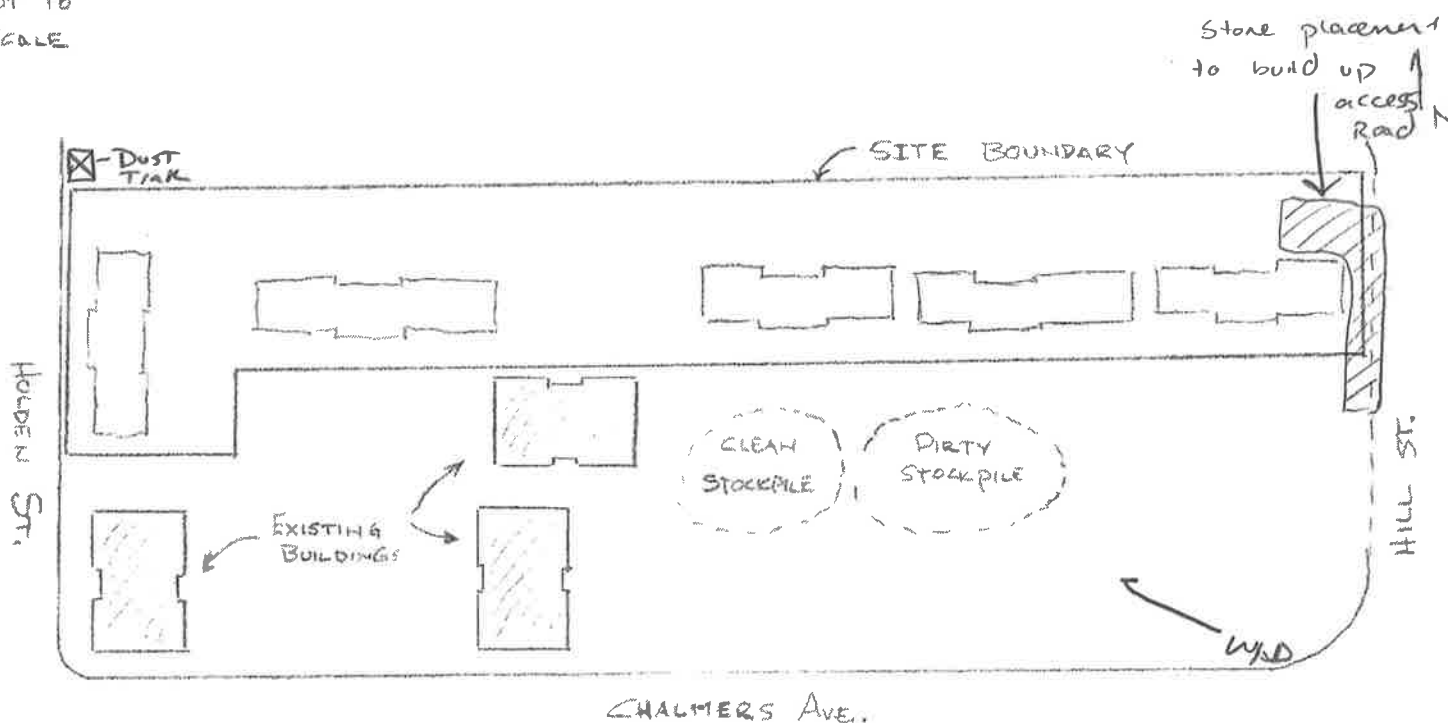
FILE No. 21.0056884.00

REPORT No. 19-41

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



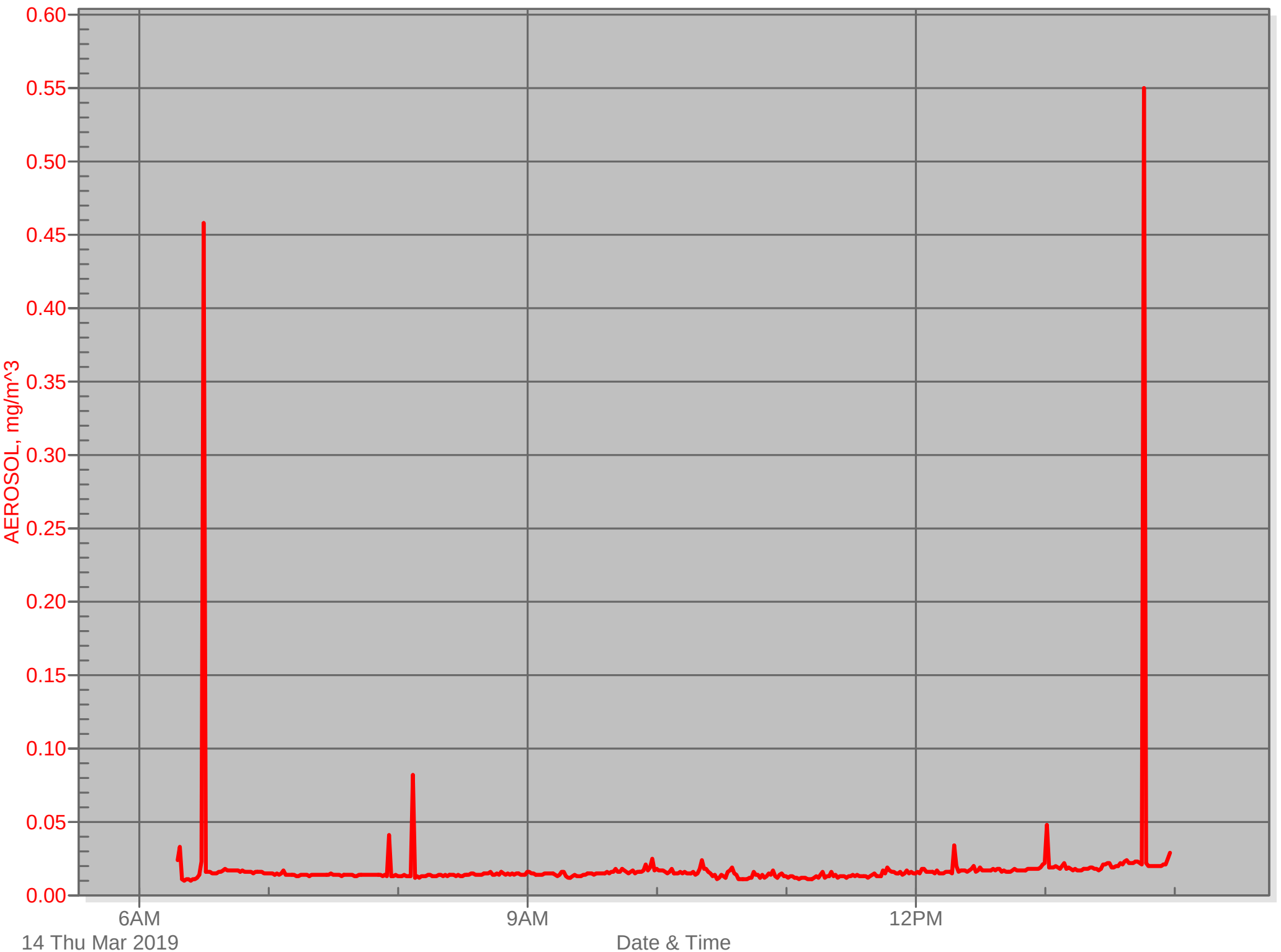
Test 047

Instrument		Data Properties	
Model	DustTrak II	Start Date	03/14/2019
Instrument S/N	8530162808	Start Time	06:16:48
		Stop Date	03/14/2019
		Stop Time	13:57:48
		Total Time	0:07:41:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.018 mg/m ³
Max	0.550 mg/m ³
Max Date	03/14/2019
Max Time	13:45:48
Min	0.010 mg/m ³
Min Date	03/14/2019
Min Time	06:20:48
TWA (8 hr)	0.017
TWA Start Date	03/14/2019
TWA Start Time	06:16:48
TWA End Time	13:57:48

Elim Town Homes

03-14-2019



DAILY FIELD SUMMARY FORM

DATE: 3/15/ 2019

FILE No. 21.0056884.00

REPORT No. 19-42

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 42°F cloudy + windy Temp Range: 42° to 45° °F
Time GZA Arrived on Site: 0715 Wind Speed: 20 mph
Wind Direction: SW

Site Conditions: Muddy

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyruph
- GZA's Equipment On-Site: DustTrak
Mini RAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

N/A

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone continues to backfill areas of Bldg C Foundation w/ clean stone.
- Plumbing contractors excavate small areas inside Bldg C for water and sewer lines
- During CADD monitoring exceedences were not observed
- GZA periodically screened ambient air up & down wind from excavation areas, no elevated levels were observed → 0.0 ppm

Photos taken: No

Time GZA left Site: 1330

Prepared by: Pete Nyruph

Reviewed by: Jim Richter

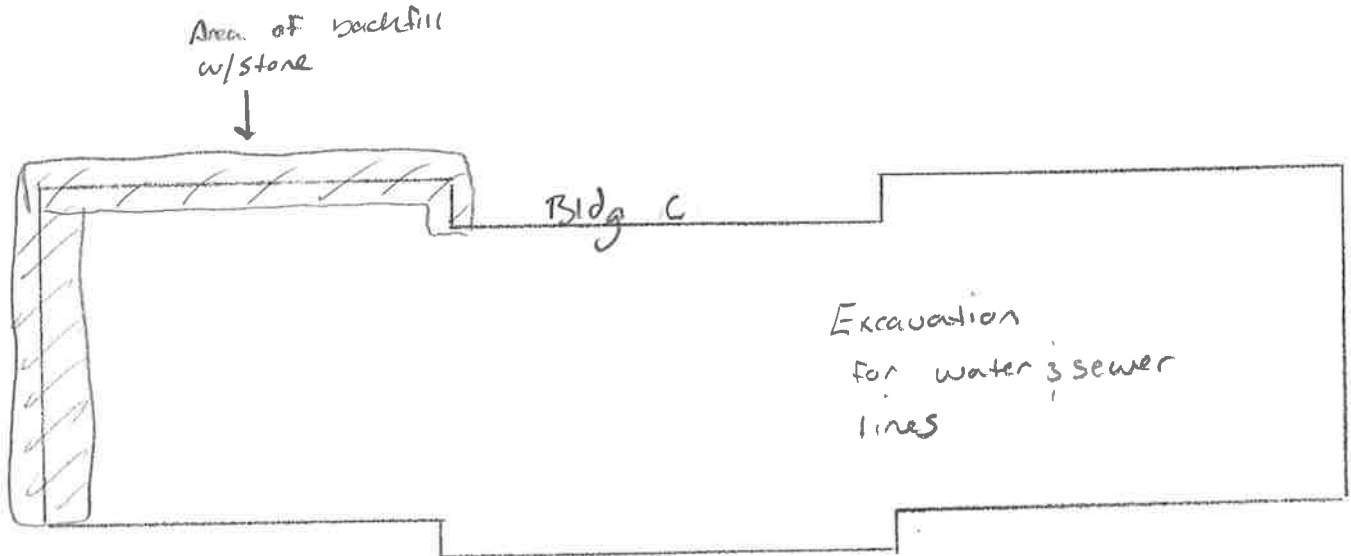
DAILY FIELD SUMMARY FORM

DATE: 3/15/2019

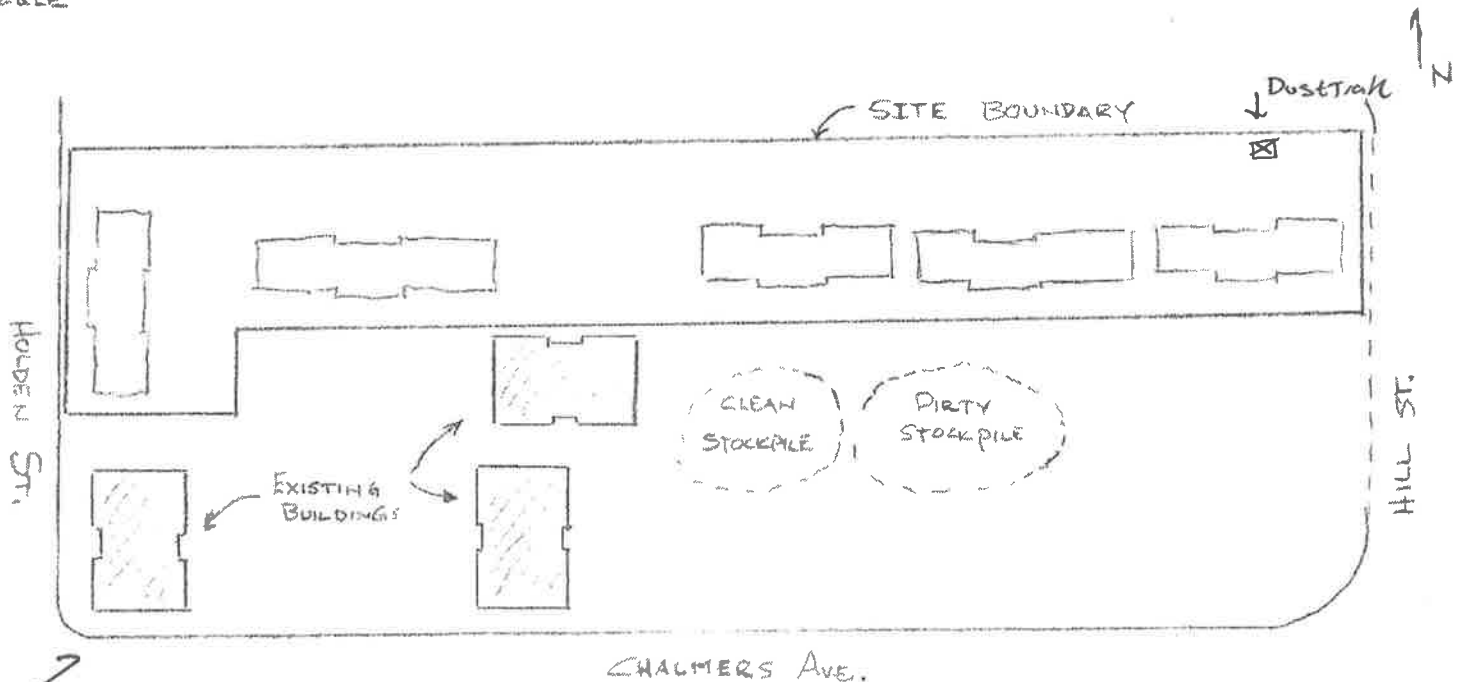
FILE No. 21.0056884.00

REPORT No. 19-42

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



Not to
Scale



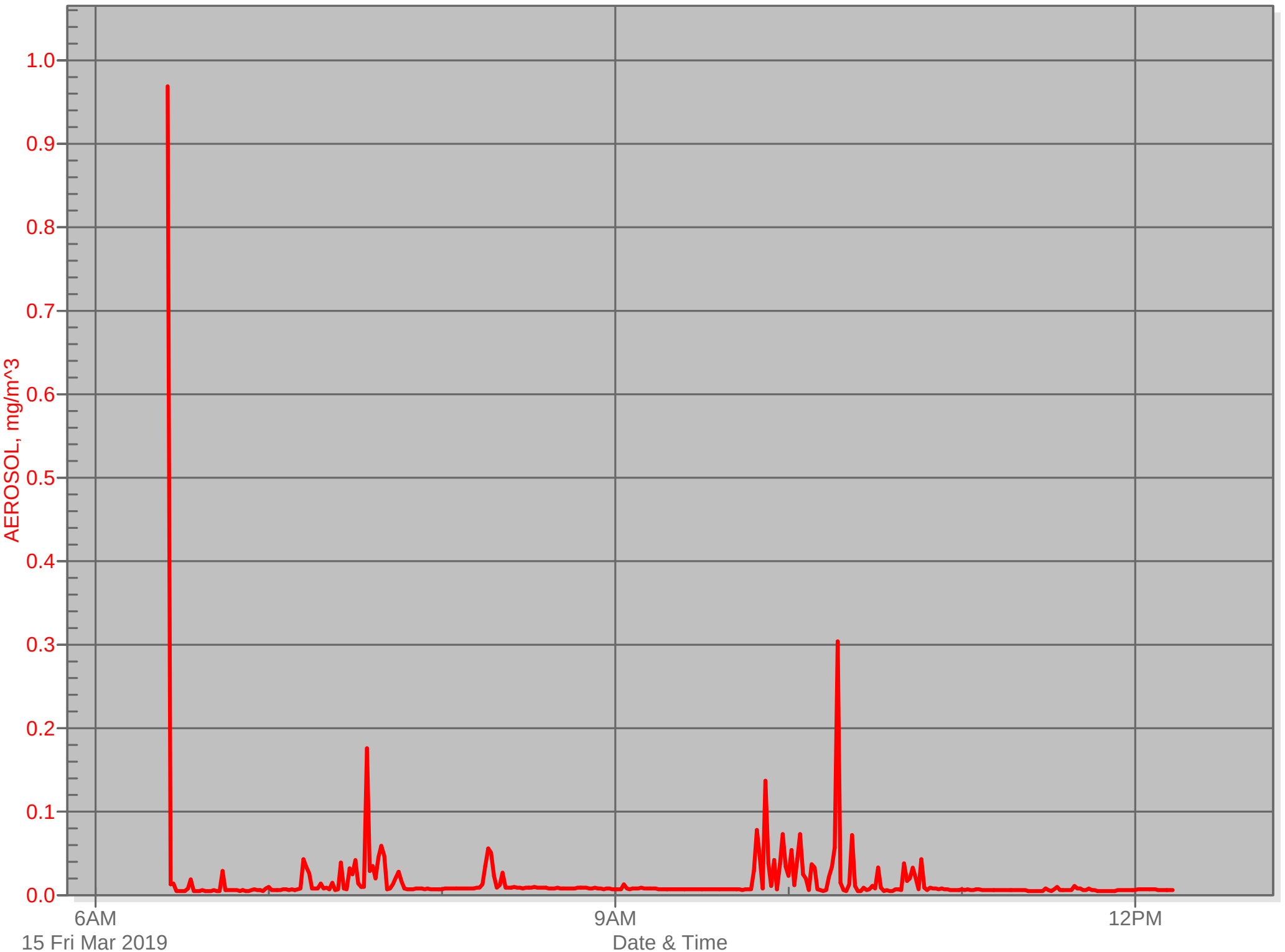
Test 048

Instrument		Data Properties	
Model	DustTrak II	Start Date	03/15/2019
Instrument S/N	8530162808	Start Time	06:23:58
		Stop Date	03/15/2019
		Stop Time	12:12:58
		Total Time	0:05:49:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.016 mg/m ³
Max	0.969 mg/m ³
Max Date	03/15/2019
Max Time	06:24:58
Min	0.005 mg/m ³
Min Date	03/15/2019
Min Time	06:27:58
TWA (8 hr)	0.012
TWA Start Date	03/15/2019
TWA Start Time	06:23:58
TWA End Time	12:12:58

Elim Town Homes

03-15-2019



DAILY FIELD SUMMARY FORM

DATE: 3/10/19 2019

FILE No. 21.0056884.00

REPORT No. 19-43

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 28°F Cloudy

Temp Range: 28 to 33 °F

Wind Speed: 5-10 mph

Wind Direction: SW

Time GZA Arrived on Site: 0715

Site Conditions: Frozen Ground

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Wyerly
- GZA's Equipment On-Site: Dusttrak
Mini RAE 3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure: N/A

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone excavates N 2' of soil in preparation for building foundation.
- Plumbing contractors continue to excavate areas inside Bldg C for water and sewer lines
- Portions of the excavation south of Bldg A2 footprint did not have clean soil cover or D-mat. See field sketch on next page
- Viscone placed D-mat fabric on bottom of excavation
- During CAMP monitoring exceedances were not observed
- GZA periodically screened ambient air updown wind of excavation areas and no elevated levels were observed $\rightarrow 0.0 \text{ ppm}$

Photos taken: Yes

Time GZA left Site: 1605

Prepared by: Pete Wyerly

Reviewed by: Jim Richest

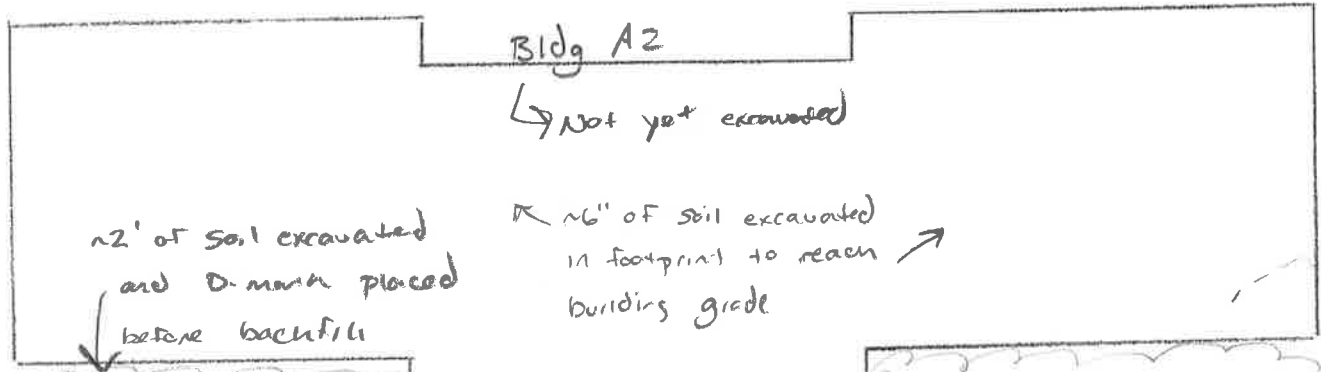
DAILY FIELD SUMMARY FORM

DATE: 3/10/ 2019

FILE No. 21.0056884.00

REPORT No. 19-43

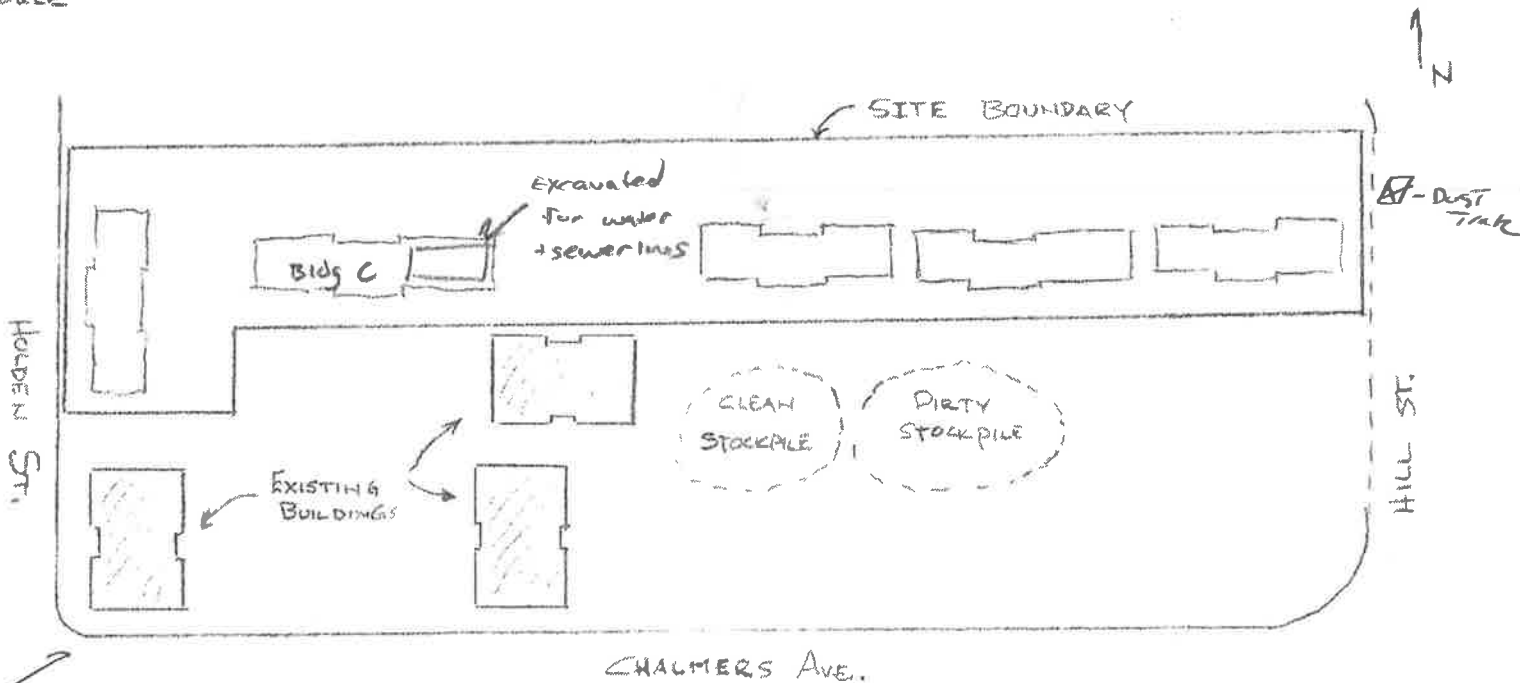
PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



~2' Clean Soil cap observed

~2' of soil excavated
No clean soil CAP-Fill only observed

NOT TO
SCALE



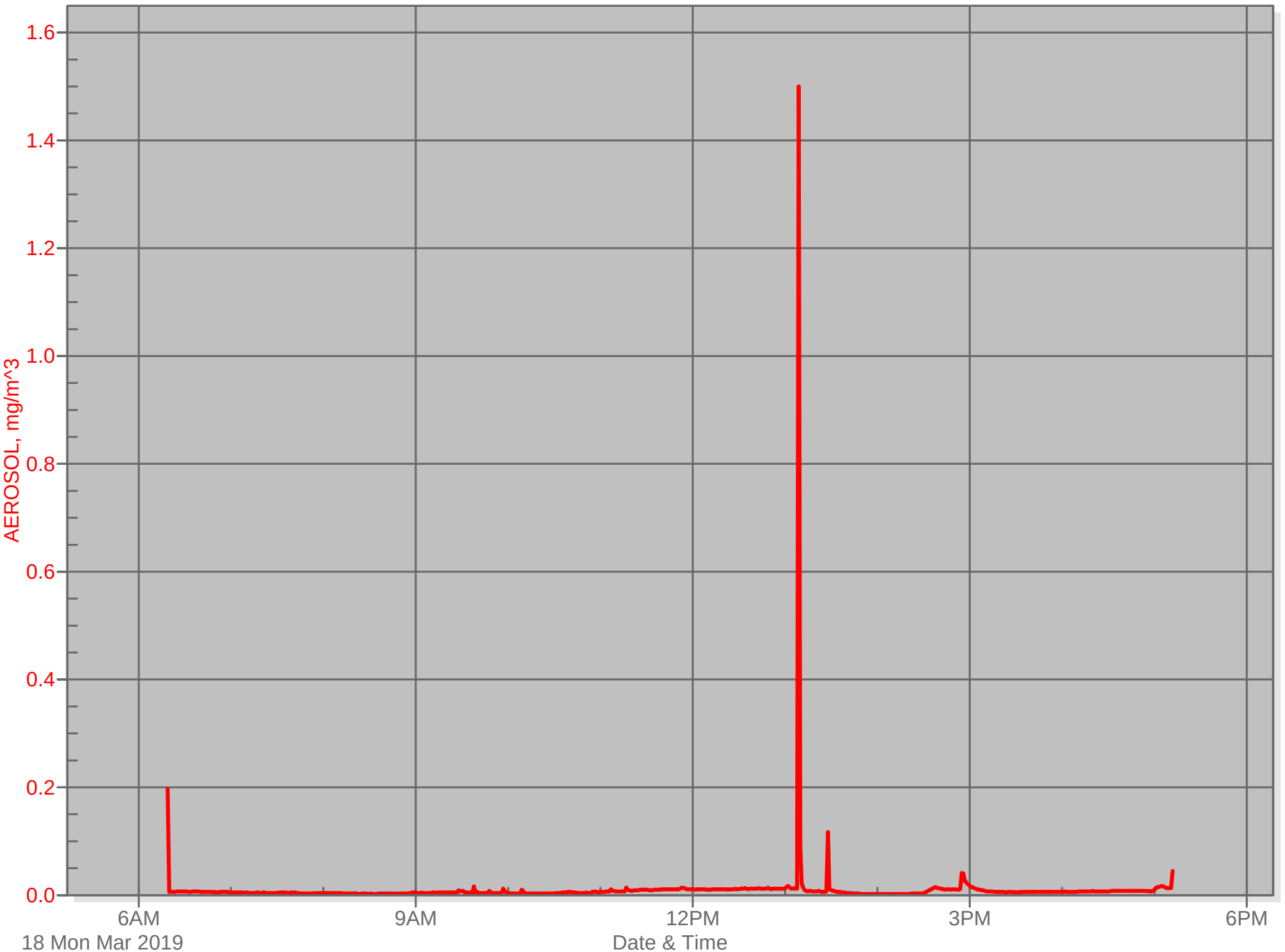
Test 049

Instrument		Data Properties	
Model	DustTrak II	Start Date	03/18/2019
Instrument S/N	8530162808	Start Time	06:17:49
		Stop Date	03/18/2019
		Stop Time	17:11:49
		Total Time	0:10:54:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.010 mg/m ³
Max	1.500 mg/m ³
Max Date	03/18/2019
Max Time	13:08:49
Min	0.002 mg/m ³
Min Date	03/18/2019
Min Time	08:22:49
TWA (8 hr)	0.010
TWA Start Date	03/18/2019
TWA Start Time	06:17:49
TWA End Time	17:11:49

Elim Town Homes

03-18-2019



DAILY FIELD SUMMARY FORM

DATE: 3/19/ 2019

FILE No. 21.0056884.00

REPORT No. 19-44

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 29°F Partly cloudy

Temp Range: 29 to 40 °F

Wind Speed: 5 mph

Wind Direction: SW

Time GZA Arrived on Site: 0720

Site Conditions: Frozen Ground → Mud

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Myzmyk
- GZA's Equipment On-Site: DUSTY 4
Mini RAE3000

Name of NYSDEC Representative(s) on Site: N/A

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone "scrapes" soil on areas of site road to remove mud rails.
- Viscone uses clean soil material to backfill excavated area south of Bldg A2
- Plumbing contractors continue to excavate areas in Bldg C footprint for water & sewer lines.
- Viscone uses clean stone to backfill footprint of Bldg A2.
- Viscone excavates areas to reach building grade elevation in between Bldg C + Bldg A2
- During CAMP monitoring exceedences were not observed.
- GZA periodically screened ambient air up/down wind of excavation areas, no elevated levels were observed → 0.0 ppm

Photos taken: Yes

Time GZA left Site: 1530

Prepared by: Pete Myzmyk

Reviewed by: Jim Richert

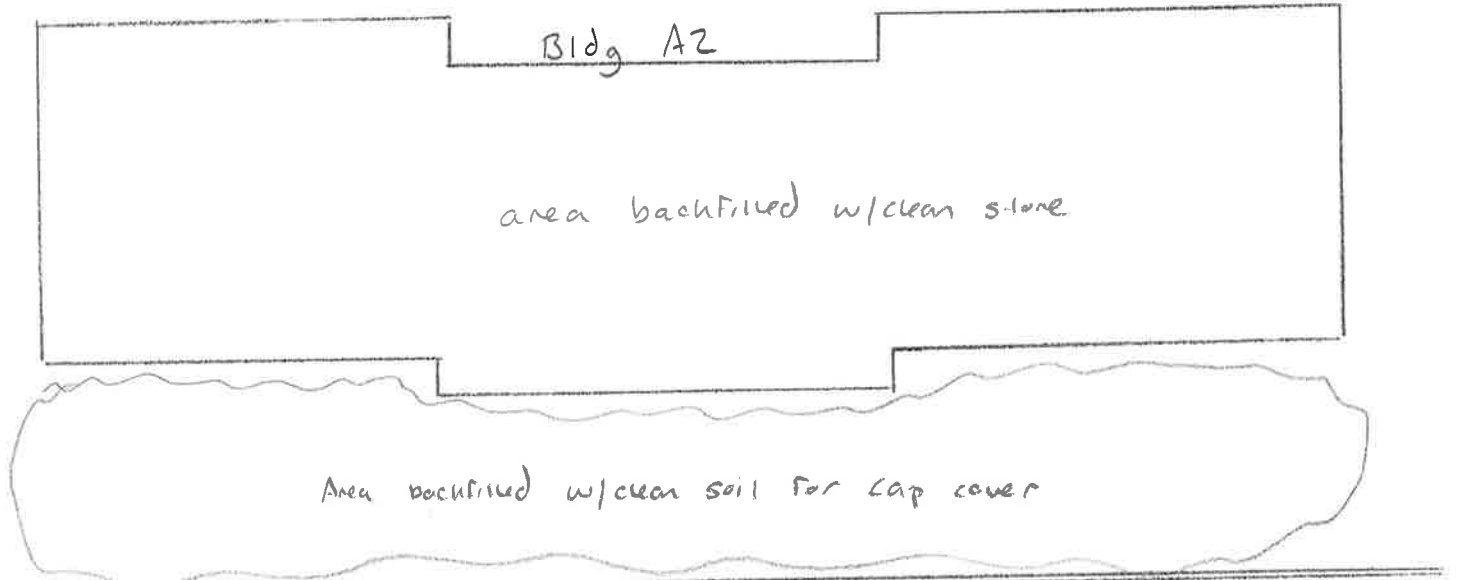
DAILY FIELD SUMMARY FORM

DATE: 3/19/2019

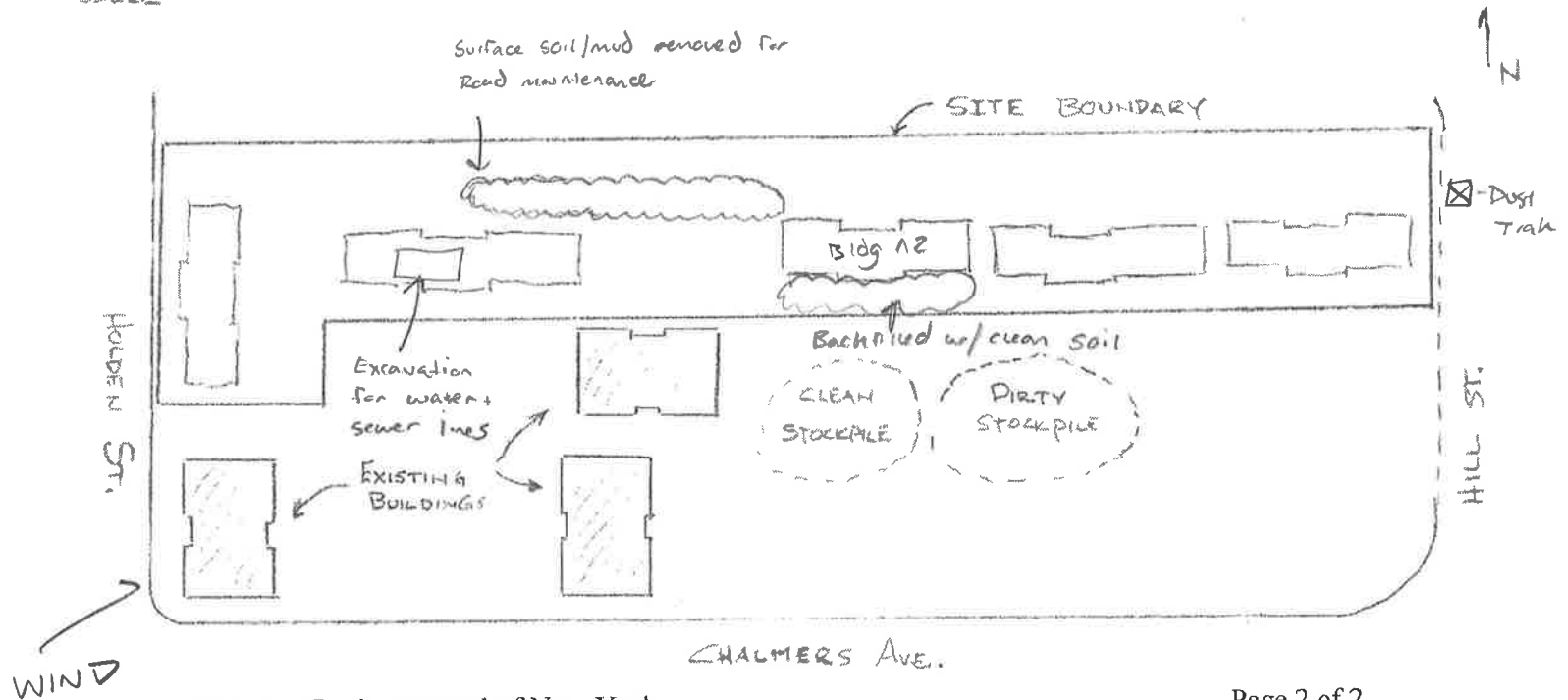
FILE No. 21.0056884.00

REPORT No. 19-44

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



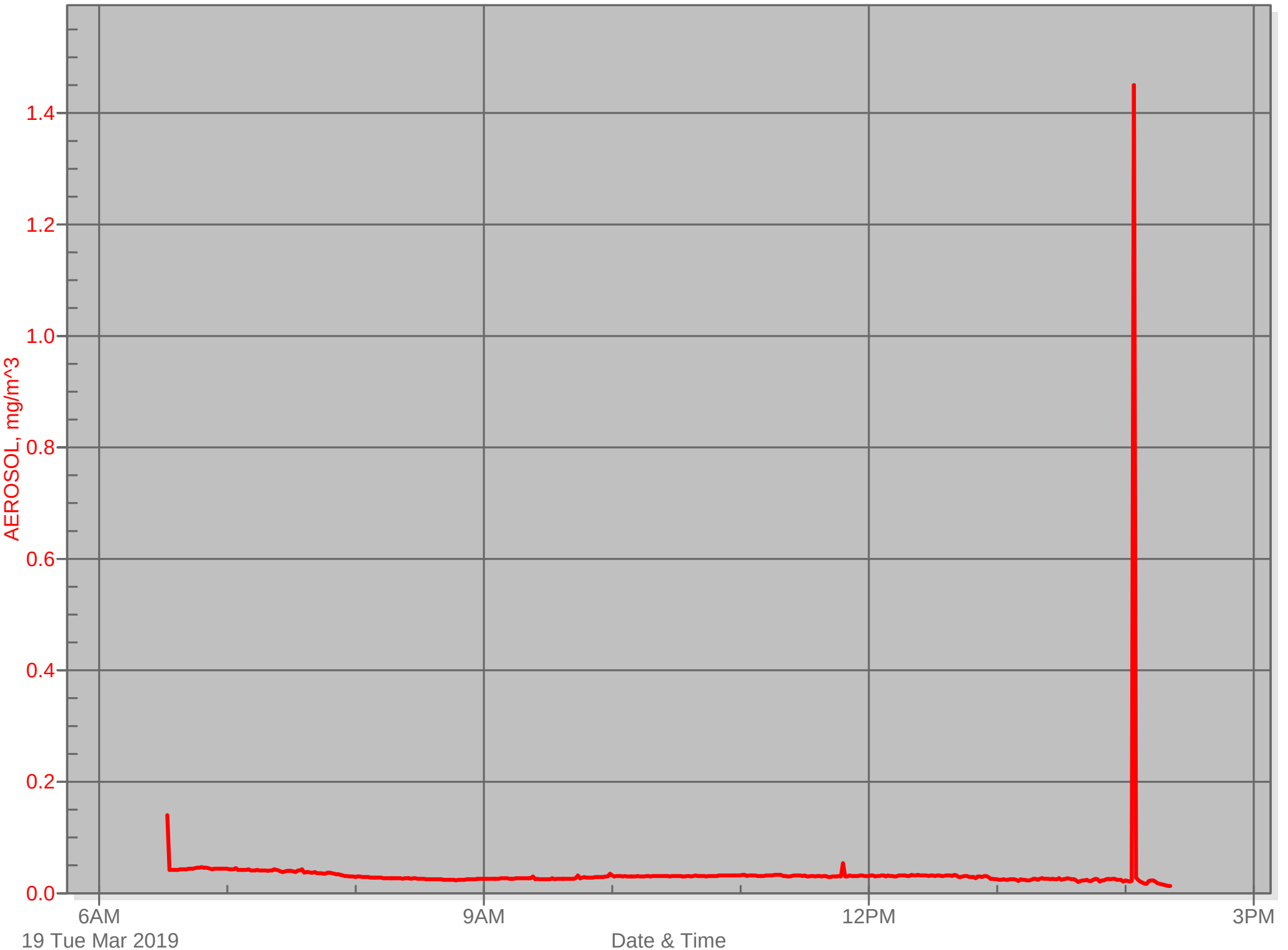
Test 050

Instrument		Data Properties	
Model	DustTrak II	Start Date	03/19/2019
Instrument S/N	8530162808	Start Time	06:30:56
		Stop Date	03/19/2019
		Stop Time	14:20:56
		Total Time	0:07:50:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.034 mg/m ³
Max	1.450 mg/m ³
Max Date	03/19/2019
Max Time	14:03:56
Min	0.013 mg/m ³
Min Date	03/19/2019
Min Time	14:19:56
TWA (8 hr)	0.033
TWA Start Date	03/19/2019
TWA Start Time	06:30:56
TWA End Time	14:20:56

Elim Town Homes

03-19-2019



DAILY FIELD SUMMARY FORM

DATE: 3/20/ 2019

FILE No. 21.0056884.00

REPORT No. 19-45

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 32°F Sunny

Temp Range: 32 to 49 °F
Wind Speed: 7 mph

Time GZA Arrived on Site: 0710

Wind Direction: S

Site Conditions: Frozen on Mud

Contractors on Site: Viscore

- GZA Personnel On-Site: Pete Nyznyk
- GZA's Equipment On-Site: Dusttrak
Min. RAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

NA

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscore excavated trench for sewer hookup to Bldg C
- Plumbing contractors excavated for water/sewer lines in Bldg C.
- During CAMP monitoring exceedences were not observed
- GZA periodically screened ambient air up/down wind of excavation areas w/ PID and no elevated levels were observed → 0.0 ppm.

Photos taken: NO

Time GZA left Site: 1545

Prepared by: Pete Nyznyk

Reviewed by:

Jim Richert

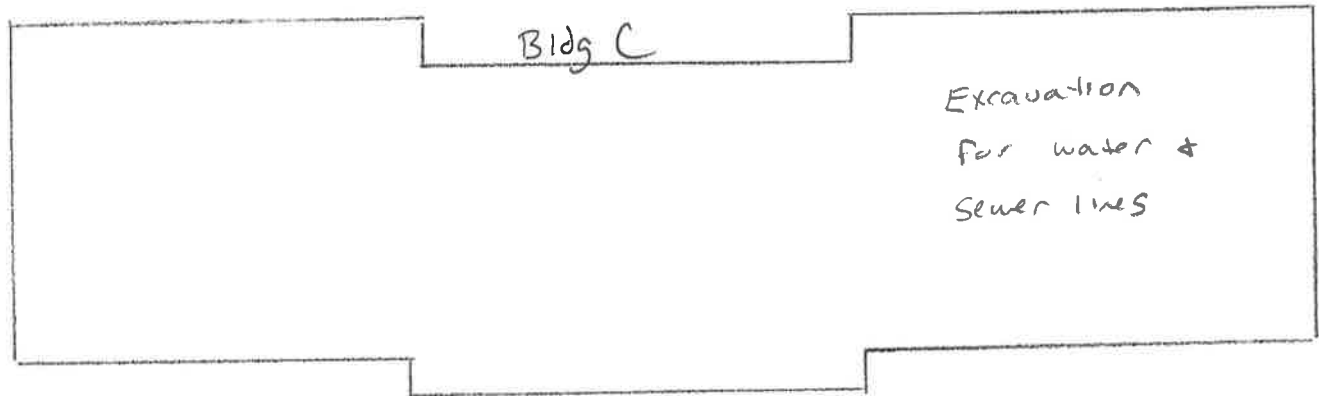
DAILY FIELD SUMMARY FORM

DATE: 3/20/ 2019

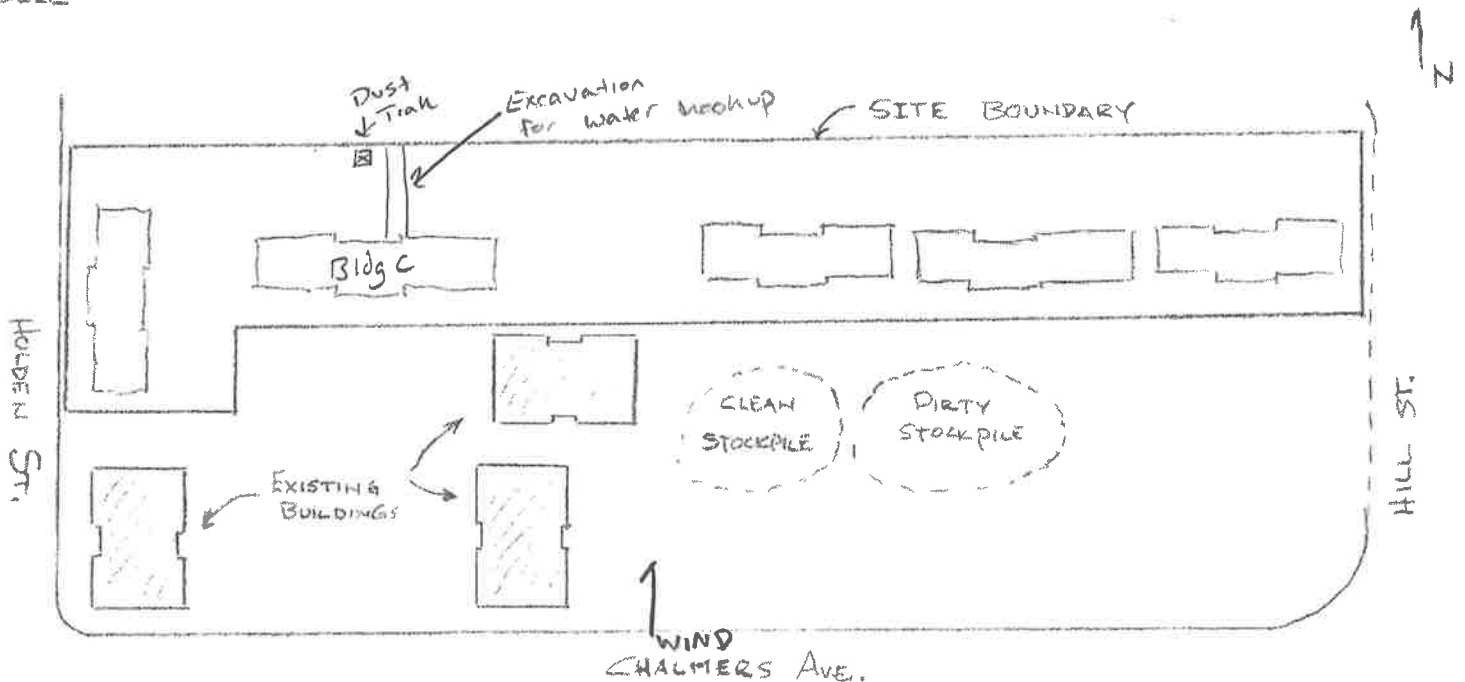
FILE No. 21.0056884.00

REPORT No. 19-45

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



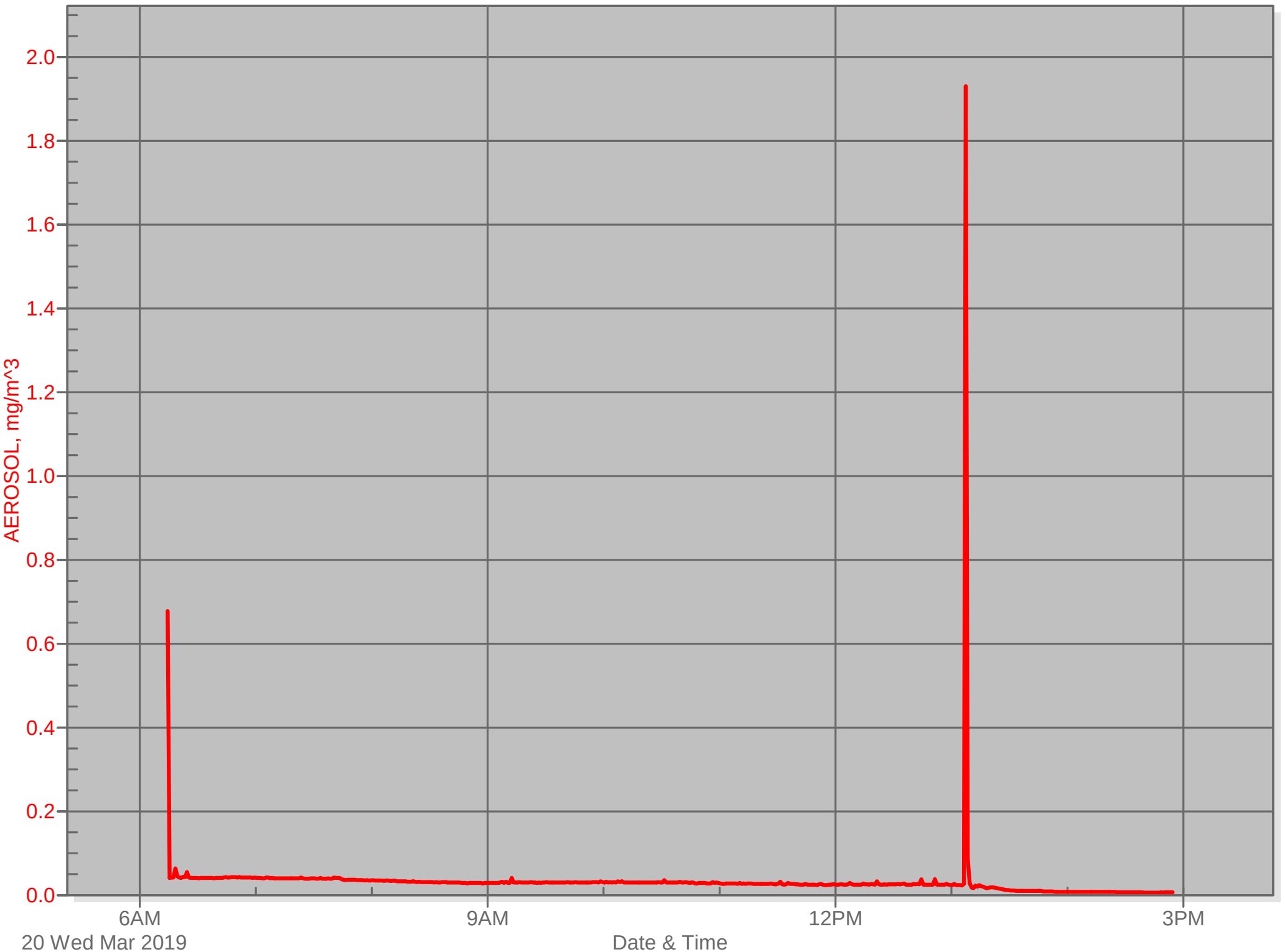
Test 051

Instrument		Data Properties	
Model	DustTrak II	Start Date	03/20/2019
Instrument S/N	8530162808	Start Time	06:13:25
		Stop Date	03/20/2019
		Stop Time	14:54:25
		Total Time	0:08:41:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.032 mg/m ³
Max	1.930 mg/m ³
Max Date	03/20/2019
Max Time	13:07:25
Min	0.006 mg/m ³
Min Date	03/20/2019
Min Time	14:39:25
TWA (8 hr)	0.035
TWA Start Date	03/20/2019
TWA Start Time	06:13:25
TWA End Time	14:54:25

Elim Town Homes

03-20-2019



DAILY FIELD SUMMARY FORM

DATE: 2/21/2019

FILE No. 21.0056884.00

REPORT No. 19-27

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: CLOUDY

Temp Range: 32 to 35 °F

Wind Speed: 21 mph

Wind Direction: WSW

Time GZA Arrived on Site: 0715

Site Conditions: Partially Thawed / WET

Contractors on Site: VISONÉ

- GZA Personnel On-Site: D. WOLF
- GZA's Equipment On-Site: DUST TBOX
MINI-RATE 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)

- VISONÉ CONTINUING TRENCH EXCAVATION & STORMWATER PIPE INSTALLATION. CLEAN COVER SOILS ARE BEING TAKEN TO THE CLEAN SOIL STOCKPILE. SOILS FROM BELOW DEMARK ARE BEING TAKEN TO THE DIRTY SOIL STOCKPILE. NO STAINING, PRODUCT, OBOES, OR ELEVATED PID READINGS WERE OBSERVED
- VISONÉ PLACING ORANGE DEMARK FABRIC (SILT FENCE) ON SUBGRADE PRIOR TO PLACING NON-WOVEN GEOTEXTILE, STONE & RAPING, BACKFILLING AROUND THE PIPE WITH CLEAN SOILS, AND REPLACING DIRTY SOILS ALONG THE EDGES OF THE TRENCH

Photos taken: YES

Time GZA left Site: 16:00

Prepared by: DANIEL WOLF

Reviewed by: Jim Richert

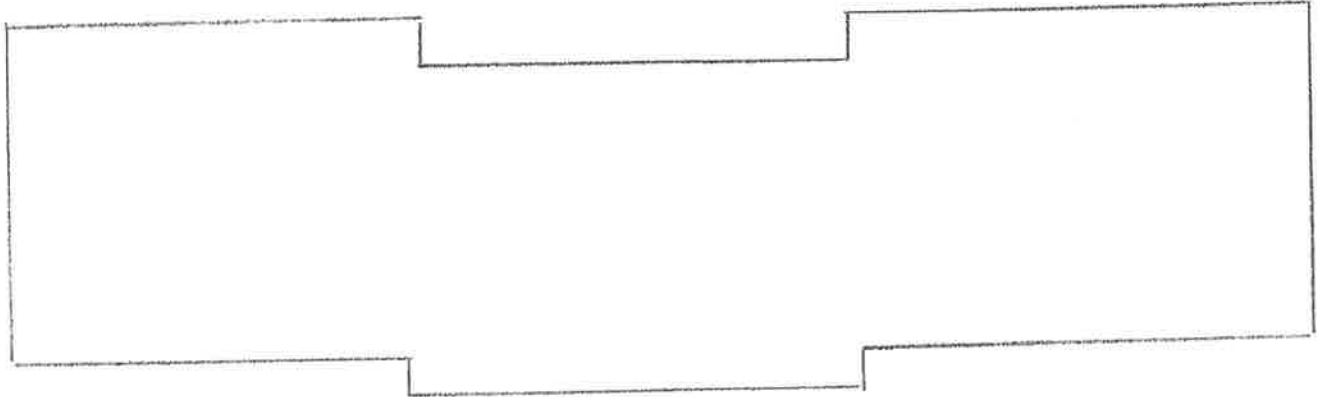
DAILY FIELD SUMMARY FORM

DATE: 2/21/2019

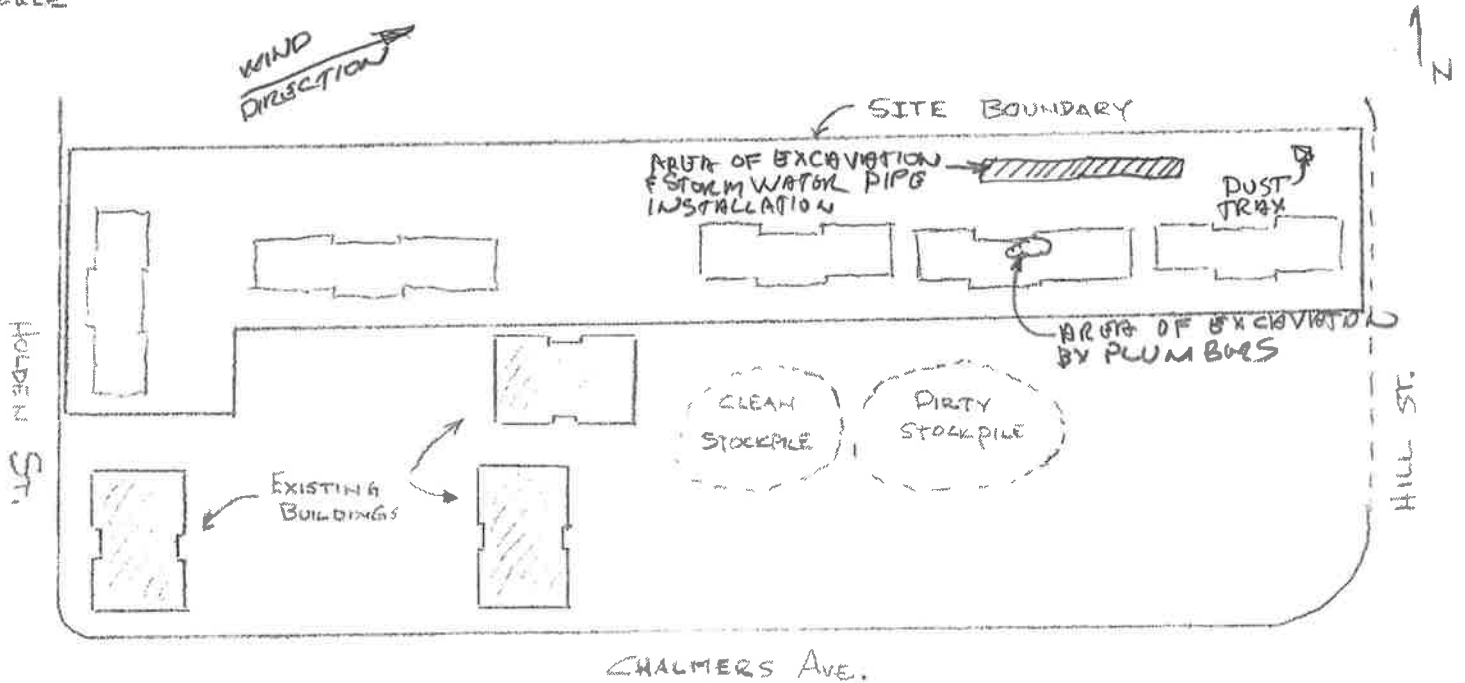
FILE No. 21.0056884.00

REPORT No. 19-27

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



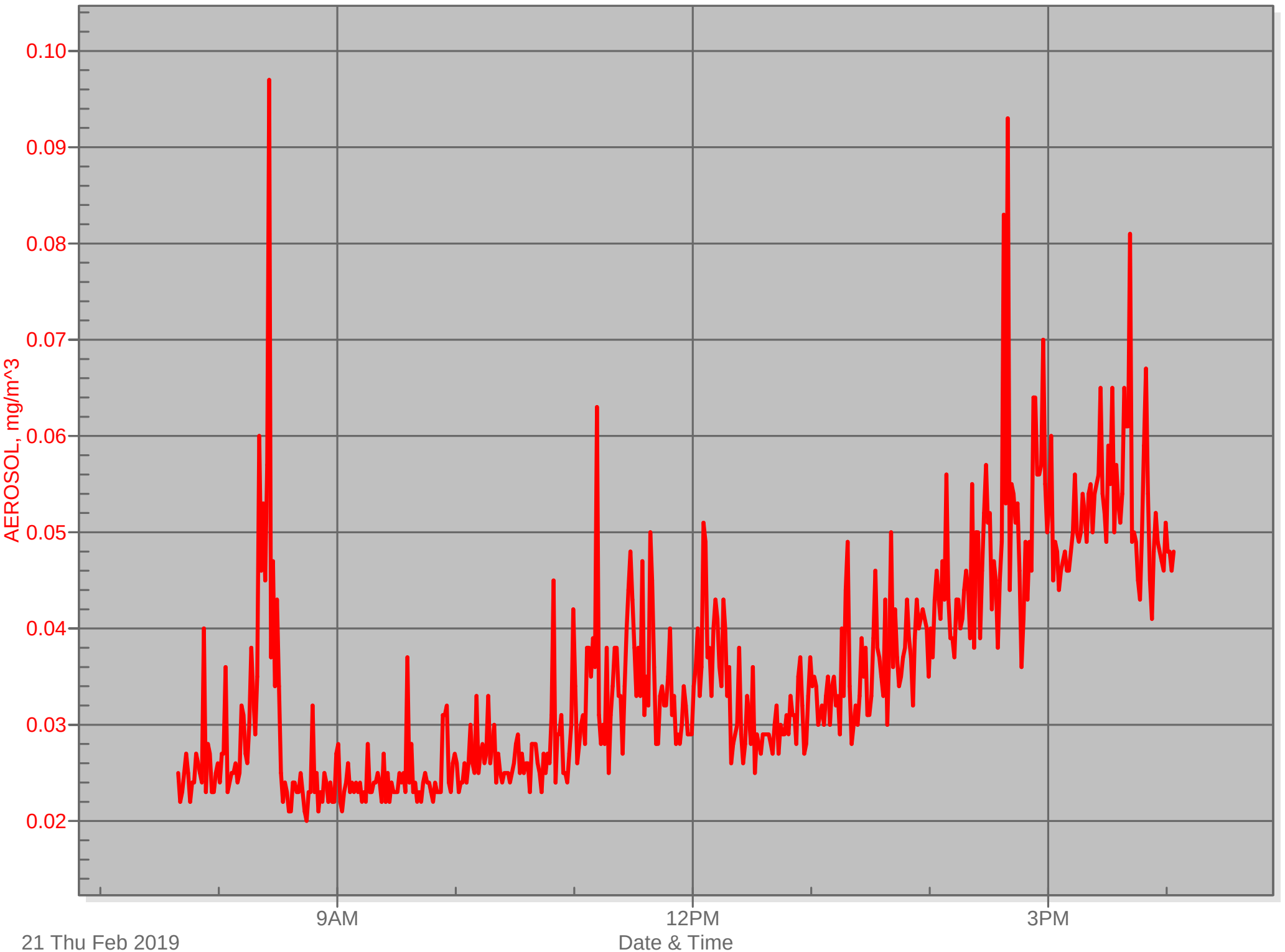
Test 026

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/21/2019
Instrument S/N	8530162808	Start Time	07:38:28
		Stop Date	02/21/2019
		Stop Time	16:03:28
		Total Time	0:08:25:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.035 mg/m ³
Max	0.097 mg/m ³
Max Date	02/21/2019
Max Time	08:25:28
Min	0.020 mg/m ³
Min Date	02/21/2019
Min Time	08:44:28
TWA (8 hr)	0.035
TWA Start Date	02/21/2019
TWA Start Time	07:38:28
TWA End Time	16:03:28

Elim Town Homes

02-21-2019



DAILY FIELD SUMMARY FORM

DATE: 2-22- 2019

FILE No. 21.0056884.00

REPORT No. 19-28

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 25°F Sunny

Temp Range: 25 to 35 °F

Wind Speed: 5-10 mph

Wind Direction: W

Time GZA Arrived on Site: 7:20

Site Conditions: Ice + Mud

Contractors on Site: Viscone

- GZA Personnel On-Site: P. Nyznyk
- GZA's Equipment On-Site: Dusttrak
Mini RAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure: NA

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone continues to excavate for storm sewer line. Install 36" pipe, backfill w/stone and clean soil material, D-mark indicator is placed on bottom of excavation trench.
- Soils excavated were segregated (based on "clean" or "dirty") and placed in designated staging area south of site.
- During excavation activities GZA observed no irregularities in clean soil cap cover of underlying fill.
- During CAMP monitoring no elevated levels were observed.
- GZA periodically screened ambient air up + down wind w/PID and no elevated levels were observed.

Photos taken:

Time GZA left Site: 1600

Prepared by: Pete Nyznyk

Reviewed by: Jim Richert

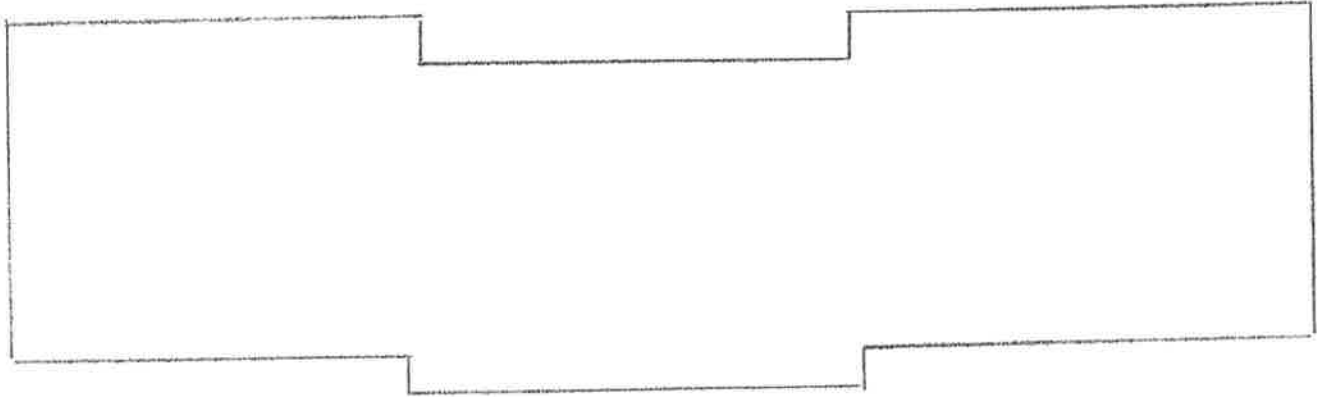
DAILY FIELD SUMMARY FORM

DATE: 2-22 2019

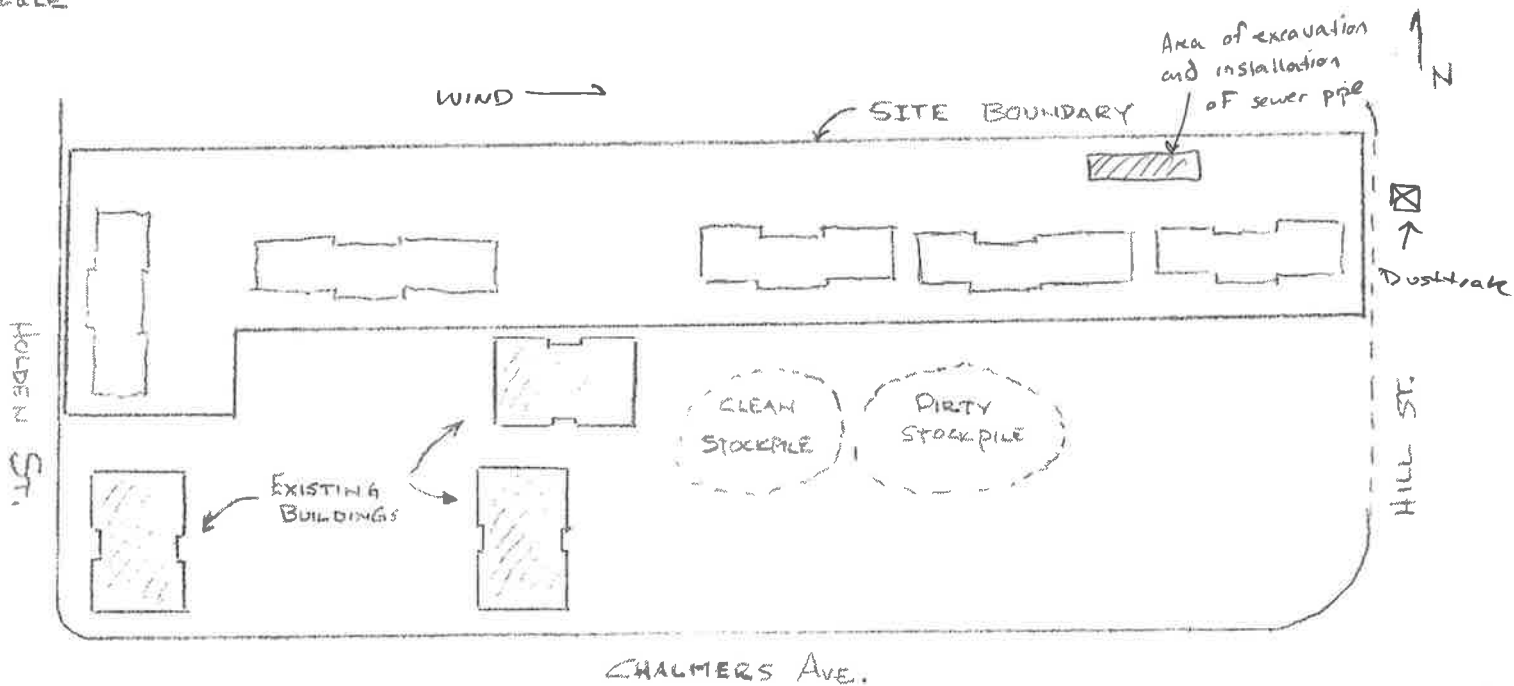
FILE No. 21.0056884.00

REPORT No. 19-28

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



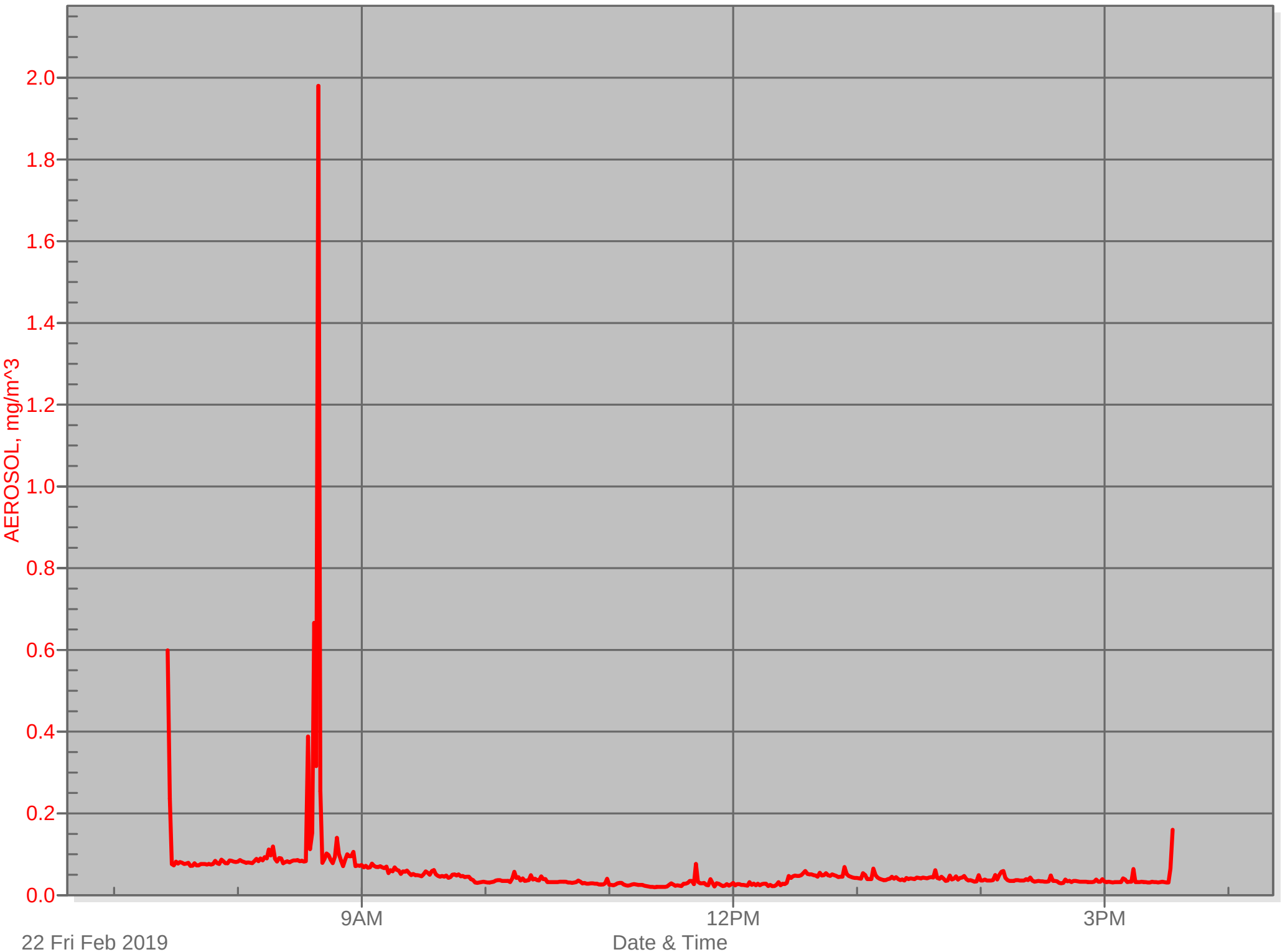
Test 027

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/22/2019
Instrument S/N	8530162808	Start Time	07:24:58
		Stop Date	02/22/2019
		Stop Time	15:32:58
		Total Time	0:08:08:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.055 mg/m ³
Max	1.980 mg/m ³
Max Date	02/22/2019
Max Time	08:38:58
Min	0.019 mg/m ³
Min Date	02/22/2019
Min Time	11:21:58
TWA (8 hr)	0.055
TWA Start Date	02/22/2019
TWA Start Time	07:24:58
TWA End Time	15:32:58

Elim Town Homes

02-22-2019



DAILY FIELD SUMMARY FORM

DATE: 2-23-2019

FILE No. 21.0056884.00

REPORT No. 19-29

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: Thin Overcast Temp Range: 25 to 43 °F
Time GZA Arrived on Site: 0720 Wind Speed: 410 mph
Wind Direction: ENE

Site Conditions: FROZEN THEN Muddy

Contractors on Site: - Visone
- concrete sub.

- GZA Personnel On-Site: Jim Richert
- GZA's Equipment On-Site: DUST TRAX
Mini Rac 3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

N/A

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- visone: 1) ON East end of large (30'?) ^{still in} sewer line
back filling w/ clean crushed stone
- 2) excavated N/S trench & laid a 6" sanitary line
FROM NORTH CENTRAL wall of Building A to
E/W side main line along North site
boundary
- 3) visone stops work @ 12:15 FOR today.

Photos taken: yes

Time GZA left Site: 1230

Prepared by: Jim Richert

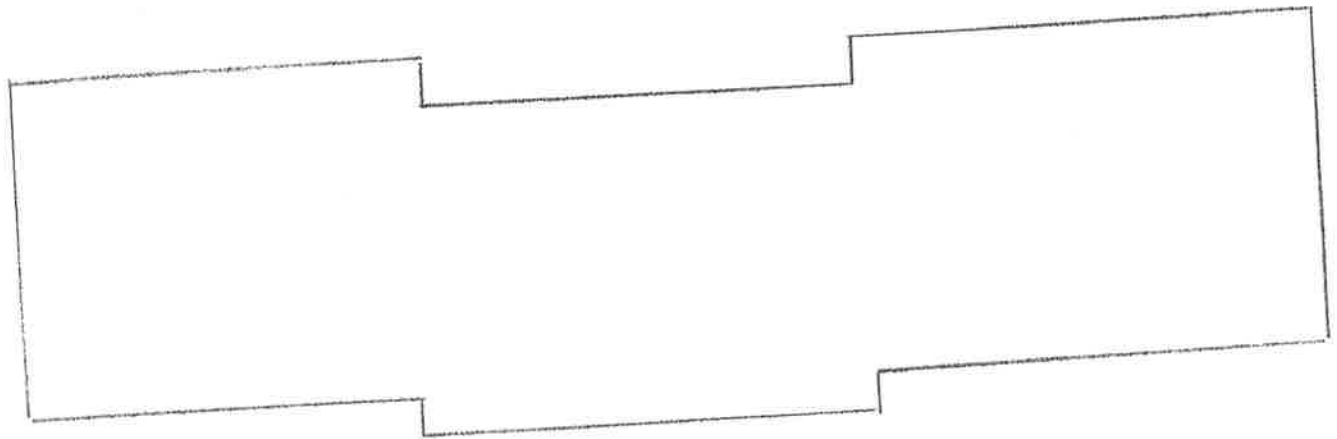
Reviewed by: Pete Nyznyla

DATE: 2/23/2019

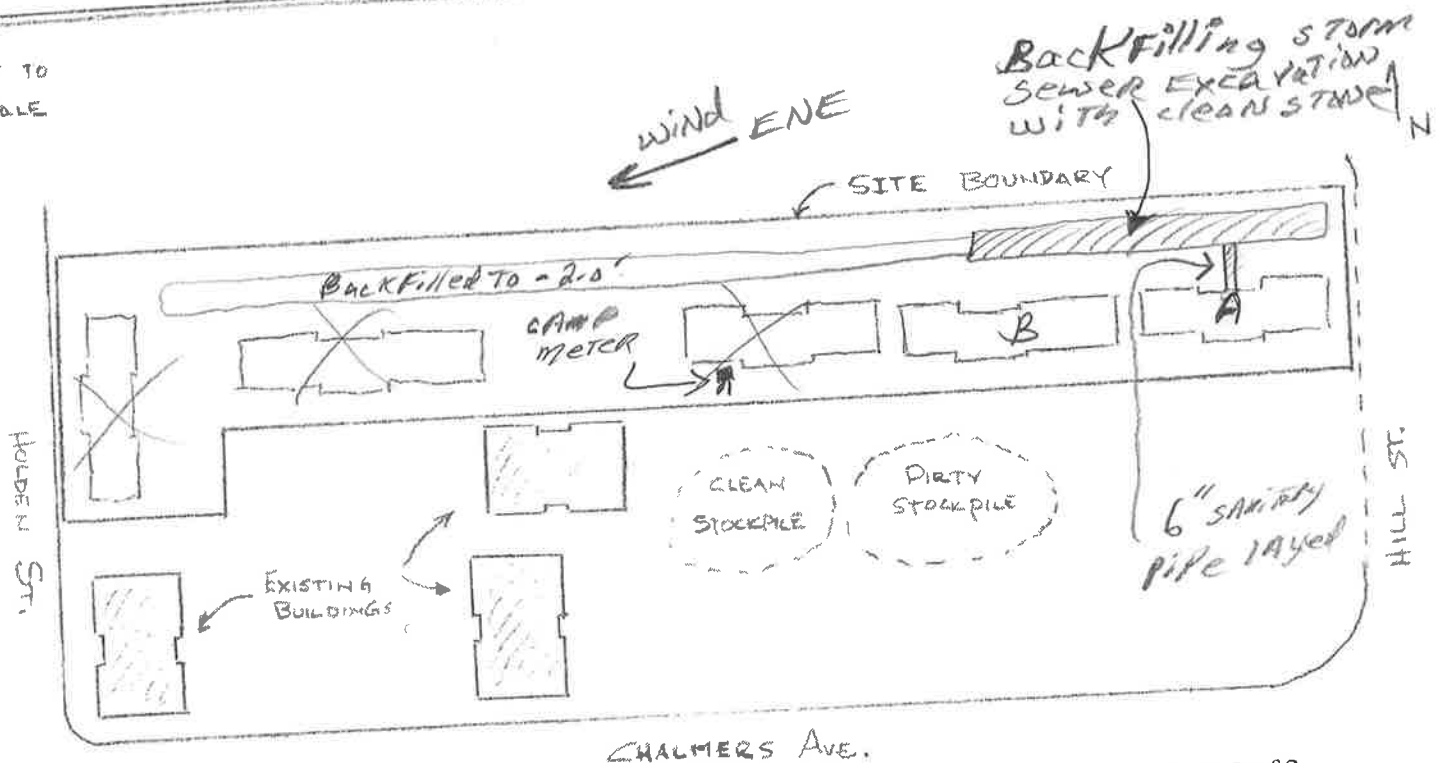
DAILY FIELD SUMMARY FORM
FILE No. 21.0056884.00

REPORT No. 19-29

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



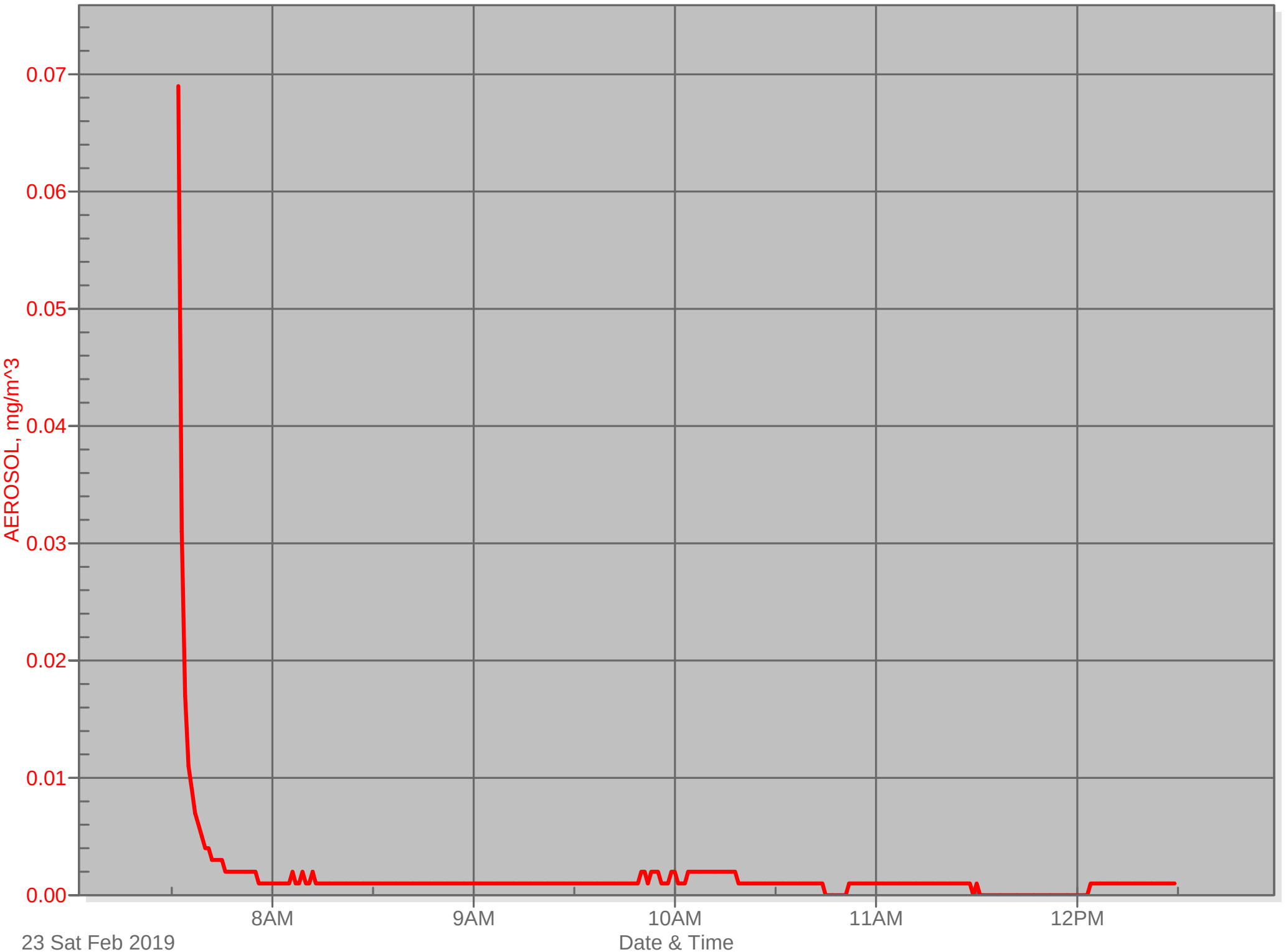
Test 028

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/23/2019
Instrument S/N	8530162808	Start Time	07:30:58
		Stop Date	02/23/2019
		Stop Time	12:28:58
		Total Time	0:04:58:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.002 mg/m ³
Max	0.069 mg/m ³
Max Date	02/23/2019
Max Time	07:31:58
Min	0.000 mg/m ³
Min Date	02/23/2019
Min Time	10:44:58
TWA (8 hr)	0.001
TWA Start Date	02/23/2019
TWA Start Time	07:30:58
TWA End Time	12:28:58

Elim Town Homes

02-23-2019



DAILY FIELD SUMMARY FORM

DATE: 2-25-2019

FILE No. 21.0056884.00

REPORT No. 19-30

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: Cloudy, Windy

Temp Range: 20 to 25 °F

Wind Speed: 20 - 40 mph

Wind Direction: W to E

Time GZA Arrived on Site: 0730

Site Conditions: Frozen ground

Contractors on Site: Visone

• GZA Personnel On-Site: M. Kress

• GZA's Equipment On-Site: Dust Trax
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)

- Visone continuing to install 6"Ø SEWER LINE TIE-IN TO BLDG A.
- Visone loading dirty soils that were temporarily stockpiled along stormwater trench. Taking to dirty stockpile.
No stained soils, product, odors or elevated PID readings observed.
ORANGE DEMARC. fabric placed in bottom of trench prior to pipe install & stone backfill.
- Visone backfilling above stormwater piping & around manhole (previously installed) with Imported crushed stone. Compacting in lifts.
- Visone excavating for stormwater tie in between BLDG A & B. Excavation is north of the building foundations.

Photos taken: Yes

Time GZA left Site: 3 pm.

Prepared by: Mike Kress

Reviewed by: J. Richert

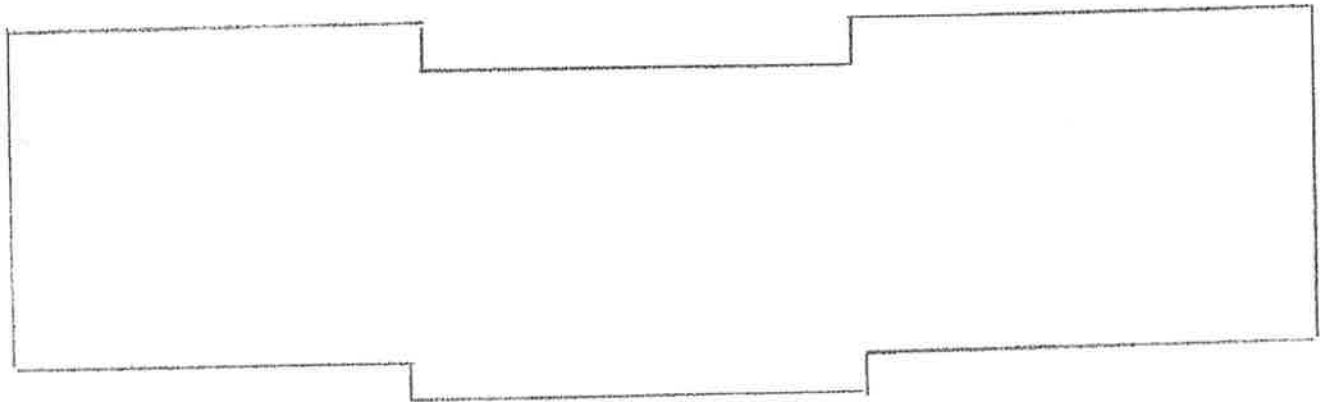
DAILY FIELD SUMMARY FORM

DATE: 2-25-2019

FILE No. 21.0056884.00

REPORT No. 19-30

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



Not to
Scale

Wind
Direction
→

6" ϕ Sewer Pipe
& stone backfill

Dust
Trax

MAN-
HOLE

Temporary dirty Soil
Stockpiles Loaded to Dirty
Stockpile

SITE BOUNDARY

Exc. For Storm
water TIE-in

B

A

CRUSHED STONE
BACKFILL

CLEAN
STOCKPILE

DIRTY
STOCKPILE

EXISTING
BUILDINGS

HOLDEN ST.

HILL ST.

CHALMERS AVE.

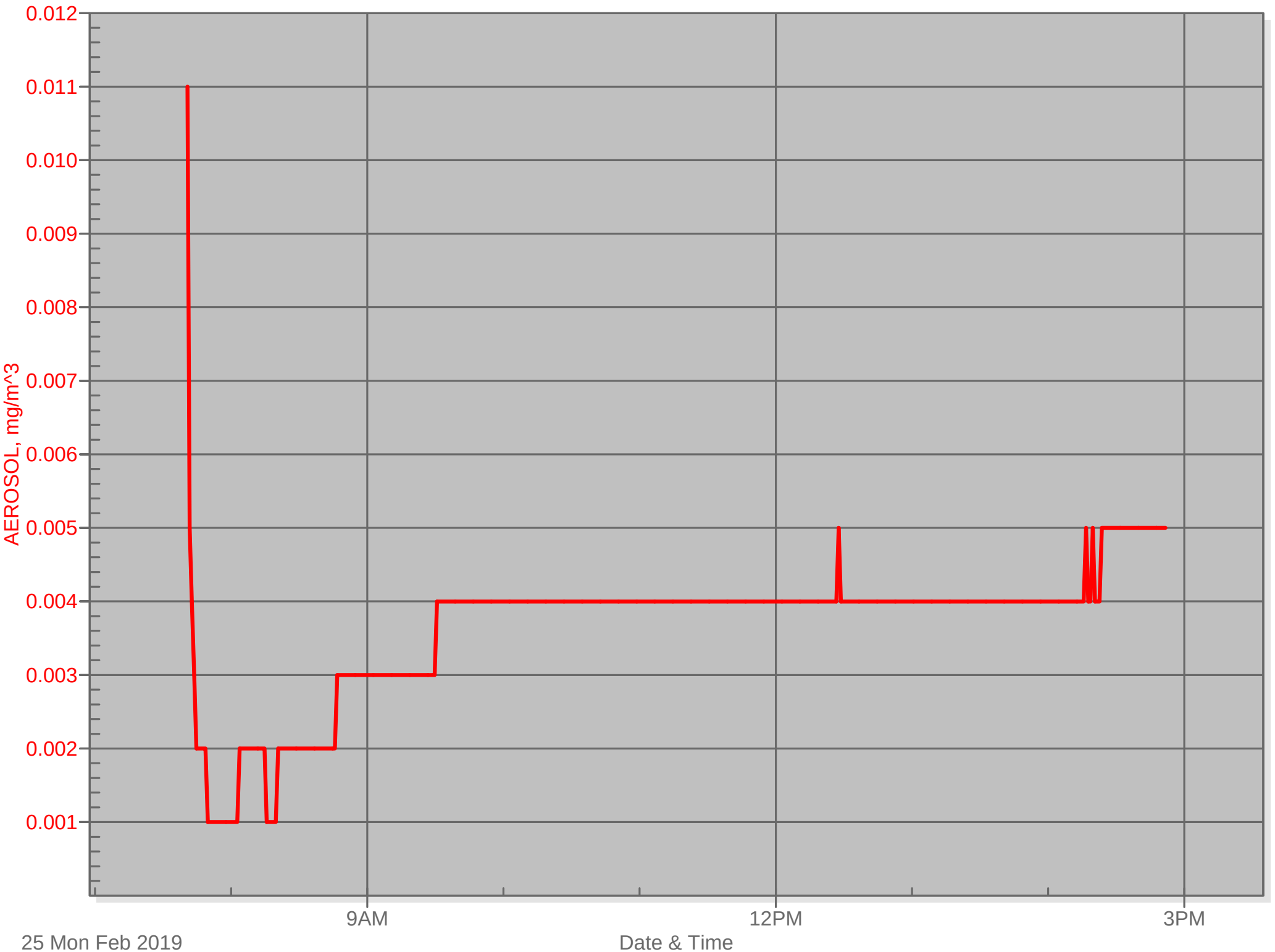
Test 029

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/25/2019
Instrument S/N	8530162808	Start Time	07:39:42
		Stop Date	02/25/2019
		Stop Time	14:51:42
		Total Time	0:07:12:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.004 mg/m ³
Max	0.011 mg/m ³
Max Date	02/25/2019
Max Time	07:40:42
Min	0.001 mg/m ³
Min Date	02/25/2019
Min Time	07:49:42
TWA (8 hr)	0.003
TWA Start Date	02/25/2019
TWA Start Time	07:39:42
TWA End Time	14:51:42

Elim Town Homes

02-25-2019



DAILY FIELD SUMMARY FORM

DATE: 2/26/2019

FILE No. 21.0056884.00

REPORT No. 19-31

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: CLOUDY
LIGHT SNOW

Temp Range: 18 to 20 °F

Wind Speed: 8 mph

Wind Direction: NW

Time GZA Arrived on Site: 0730

Site Conditions: FROZEN GROUND

Contractors on Site: VISON

- GZA Personnel On-Site: D. WULF
- GZA's Equipment On-Site: DUST TRAX
MINI-LAE 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)

- VISON INSTALLING 6" SEWER MAIN TO BUILDING "B" (STORM WATER)
- VISON CONTINUING TO BACKFILL ABOVE STORM WATER SEWER MAIN NORTH OF BUILDINGS "A" & "B", WITH CLEAN SOILS
- VISON INSTALLED A CATCH BASIN NORTH OF BUILDING "A"
- VISON EXCAVATED FOR THE ROAD THAT RUNS ALONG THE NORTH PROPERTY LINE
- DIRTY SOILS WERE HAULED TO THE DIRTY PILE, AND CLEAN SOIL WAS HAULED TO THE CLEAN PILE.
- VISIBLE DUST NOR ELEVATED PID READINGS WERE OBSERVED THIS DATE

Photos taken: YES

Time GZA left Site: 1600

Prepared by: D. WULF

Reviewed by: J. Richert

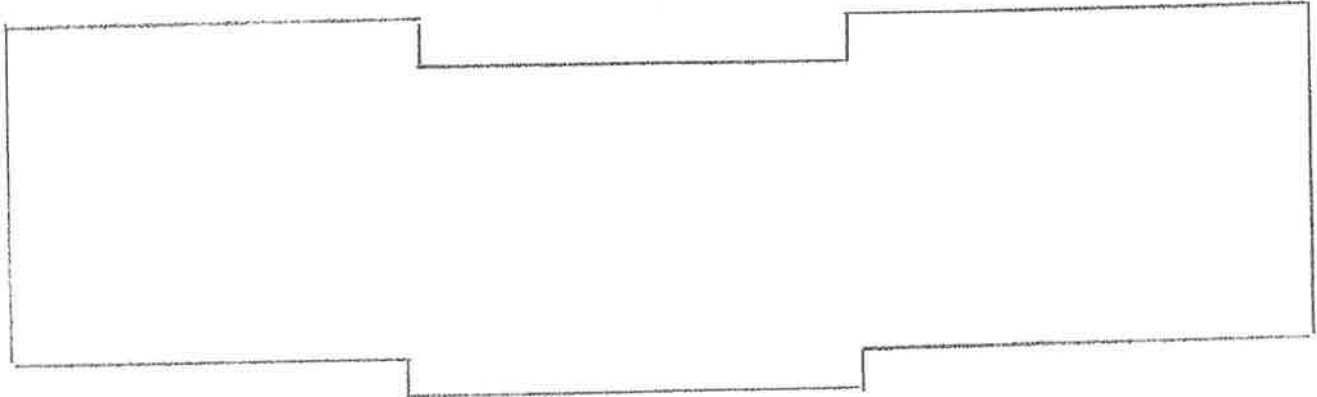
DAILY FIELD SUMMARY FORM

DATE: 2/26 2019

FILE No. 21.0056884.00

REPORT No. 19-31

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE

WIND
DIRECTION

AREA OF EXCAVATION
FOR ROADWAY

SITE BOUNDARY

STORM DRAINAGE
AREA

CATCH
BASIN
INSTALL

STORM WATER
PUMP INSTALLATION
LOCATION

CLEAN
STOCKPILE

DIRTY
STOCKPILE

EXISTING
BUILDINGS

DUST
TRAX
HILL

CHALMERS AVE.

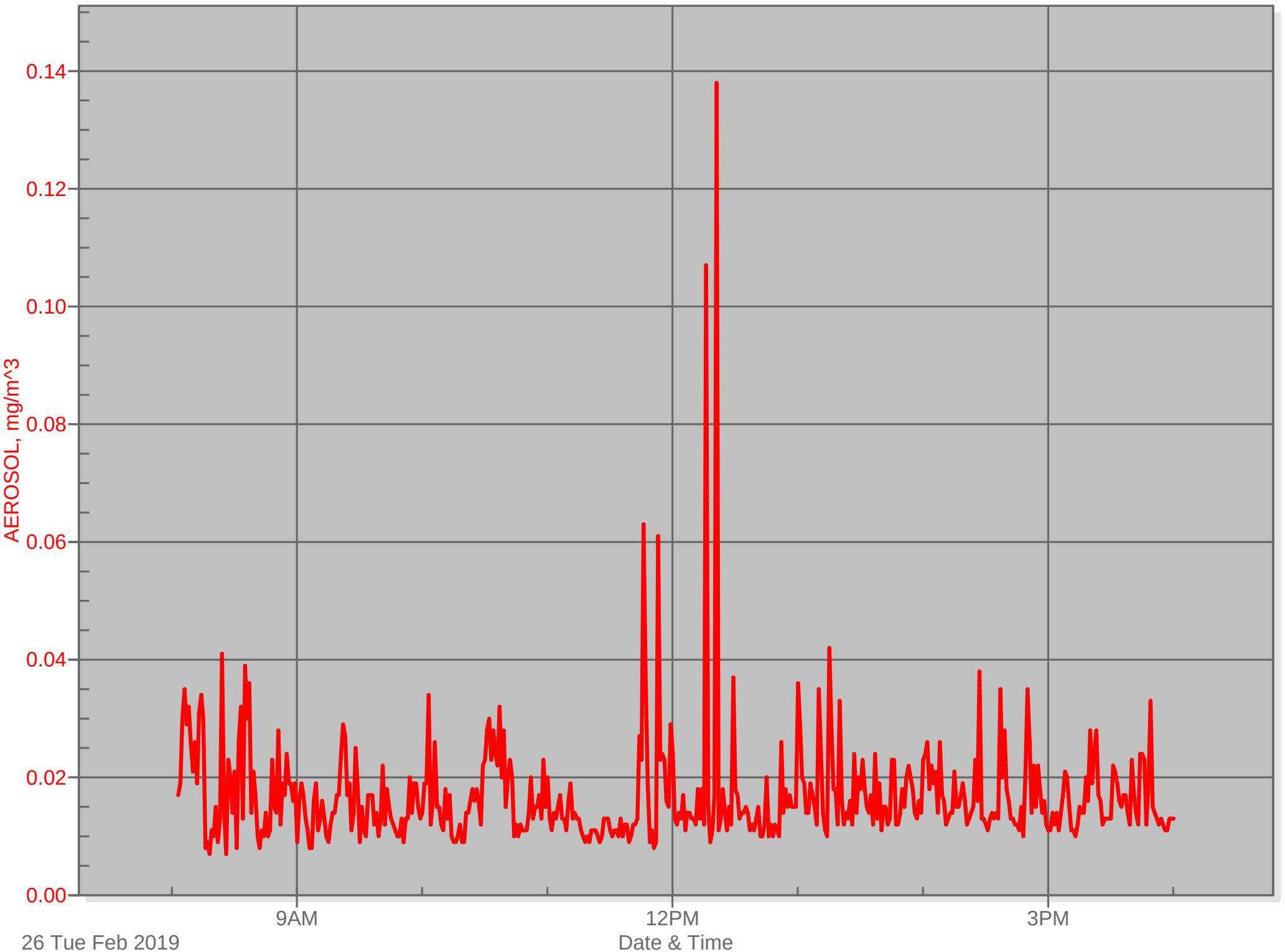
Test 030

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/26/2019
Instrument S/N	8530162808	Start Time	08:02:08
		Stop Date	02/26/2019
		Stop Time	16:00:08
		Total Time	0:07:58:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.017 mg/m ³
Max	0.138 mg/m ³
Max Date	02/26/2019
Max Time	12:21:08
Min	0.007 mg/m ³
Min Date	02/26/2019
Min Time	08:18:08
TWA (8 hr)	0.017
TWA Start Date	02/26/2019
TWA Start Time	08:02:08
TWA End Time	16:00:08

Elim Town Homes

02-26-2019



DAILY FIELD SUMMARY FORM

DATE: 2-27 2019

FILE No. 21.0056884.00

REPORT No. 19-32

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 14°F Snow

Temp Range: 14 to 22 °F

Wind Speed: 5-10 mph

Wind Direction: E

Time GZA Arrived on Site: 0715

Site Conditions: Frozen / snow cover

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyzanyh
- GZA's Equipment On-Site: DUST TREN
MiniRAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure: N/A

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone begins to excavate for foundation footers for Bldg A1.
- Soils excavated were staged in designated area south of site.
- Viscone installs man-hole on eastern portion of site - small amount of stone was backfilled around man-hole.
- During CAMP monitoring no elevated levels were observed.
- GZA did not observe elevated levels at VOC's → 0.0 ppm

Photos taken:

Time GZA left Site: 1530

Prepared by: Pete Nyzanyh

Reviewed by: J. Richard

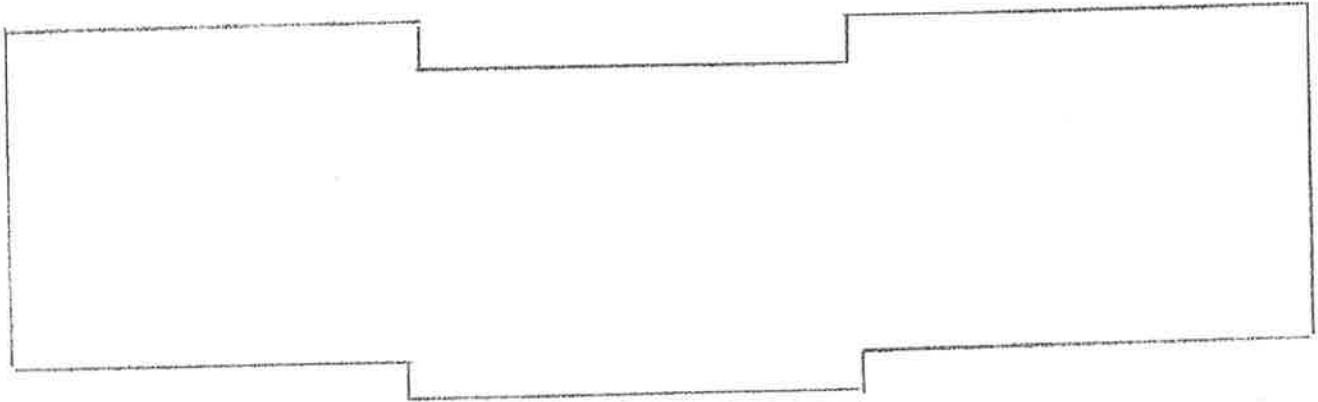
DAILY FIELD SUMMARY FORM

DATE: 2-27 2019

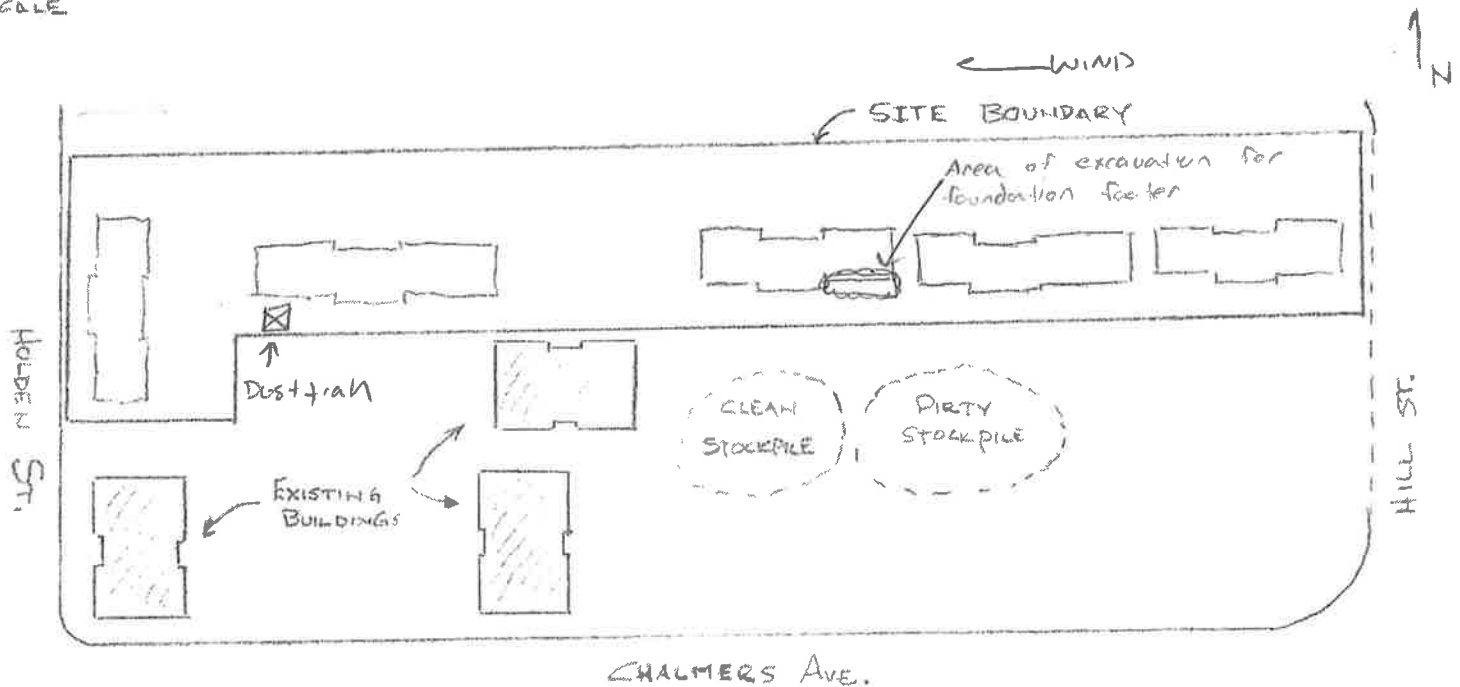
FILE No. 21.0056884.00

REPORT No. 19-32

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



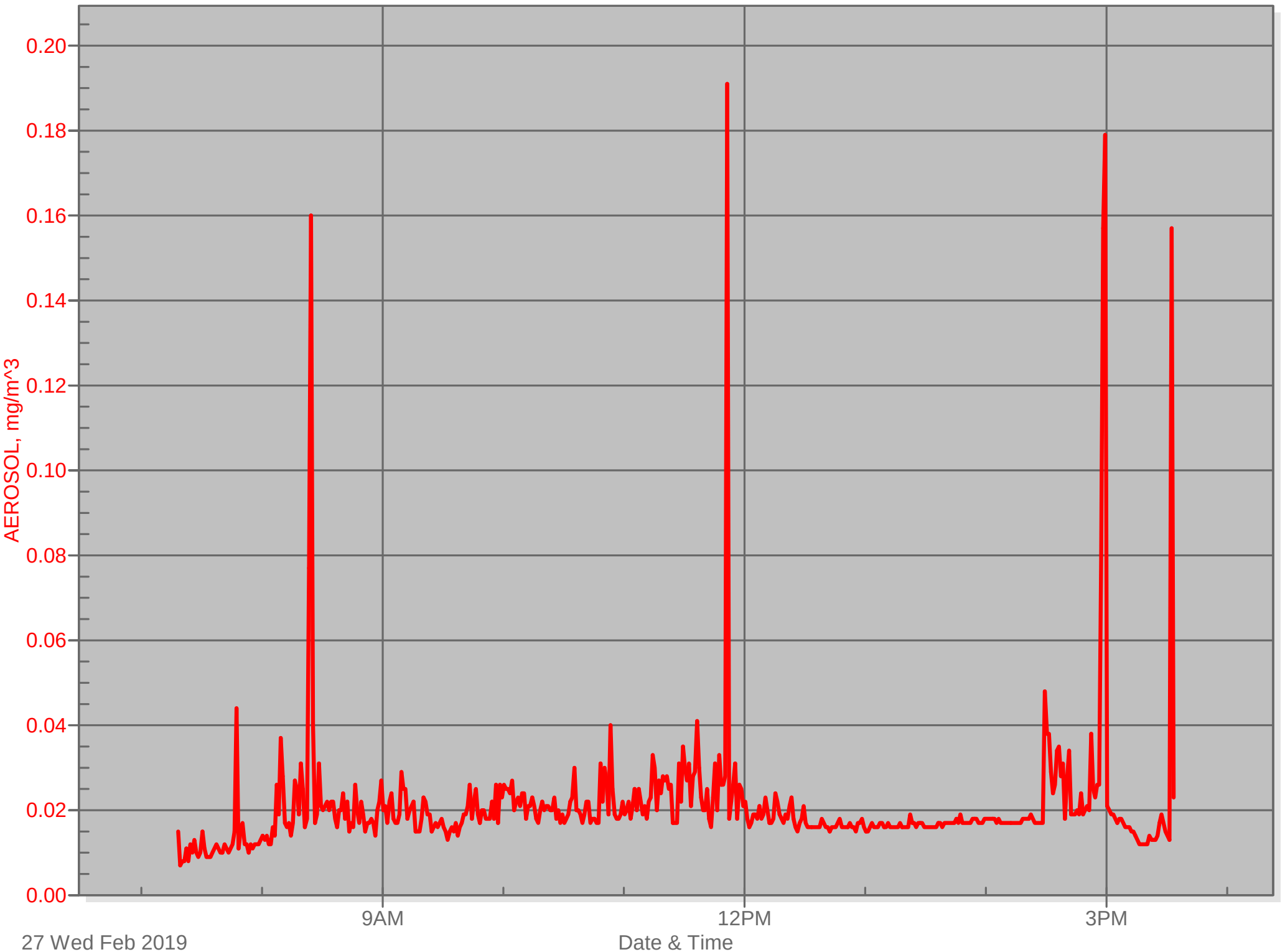
Test 031

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/27/2019
Instrument S/N	8530162808	Start Time	07:17:21
		Stop Date	02/27/2019
		Stop Time	15:33:21
		Total Time	0:08:16:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.021 mg/m ³
Max	0.191 mg/m ³
Max Date	02/27/2019
Max Time	11:51:21
Min	0.007 mg/m ³
Min Date	02/27/2019
Min Time	07:19:21
TWA (8 hr)	0.021
TWA Start Date	02/27/2019
TWA Start Time	07:17:21
TWA End Time	15:33:21

Elim Town Homes

02-27-2019



DAILY FIELD SUMMARY FORM

DATE: 2-20- 2019

FILE No. 21.0056884.00

REPORT No. 19-33

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 14°F Partly cloudy Temp Range: 14° to 20° °F
Time GZA Arrived on Site: 0715 Wind Speed: 5 mph
Wind Direction: NW

Site Conditions: Snow / Frozen ground

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyznyk
- GZA's Equipment On-Site: Dust-trak
Mini RAE 3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure: N/A

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone uses ground trench saw to break through frozen ground to provide guide for excavation during excavation for Bldg A1
- Viscone continues to excavate Bldg A1 foundation footers
- Viscone backfills storm-sewer excavation trench w/clean stone
- Viscone excavates for utilities in Bldg B footprint
- Viscone excavates for storm-sewer hook up for Bldg A+B
- During CAMP monitoring no elevated levels were observed
- GZA did not observe elevated levels of VOC's → 0.0ppm

Photos taken: Yes

Time GZA left Site: 1600

Prepared by: Pete Nyznyk

Reviewed by: J. Richard

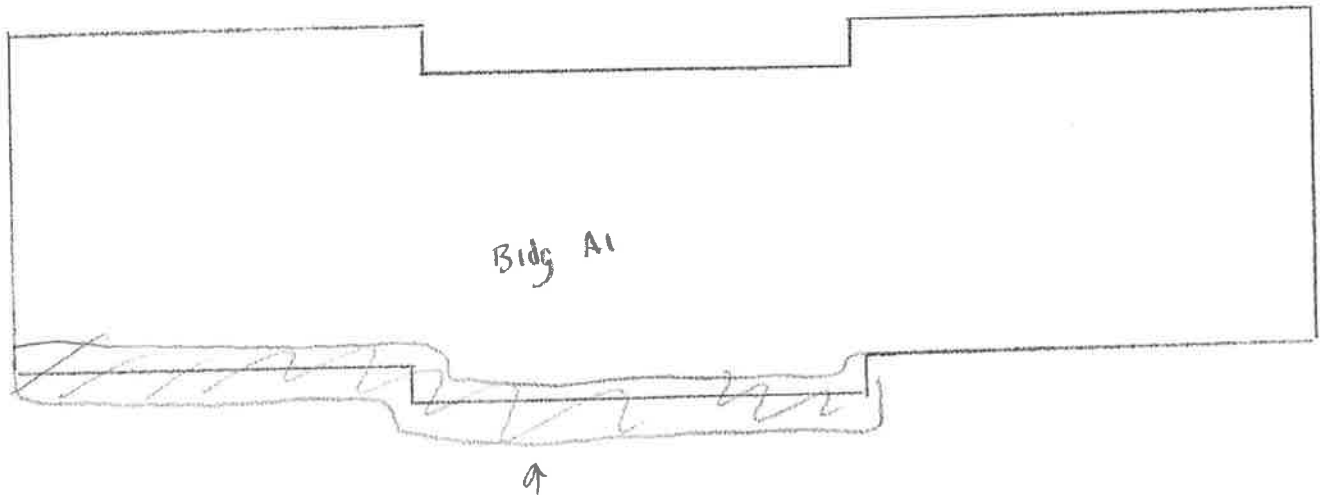
DAILY FIELD SUMMARY FORM

DATE: 2-28 2019

FILE No. 21.0056884.00

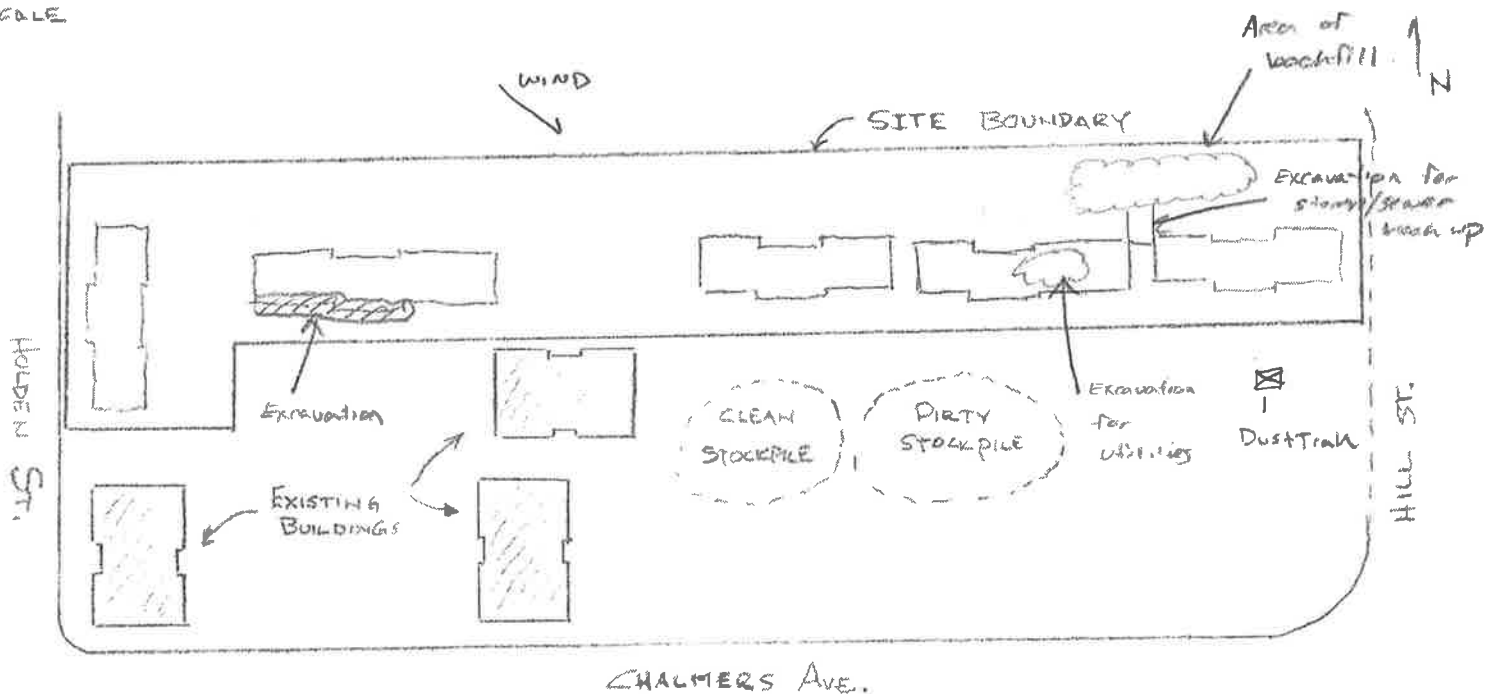
REPORT No. 19-33

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



Excavation for foundation footer

NOT TO
SCALE



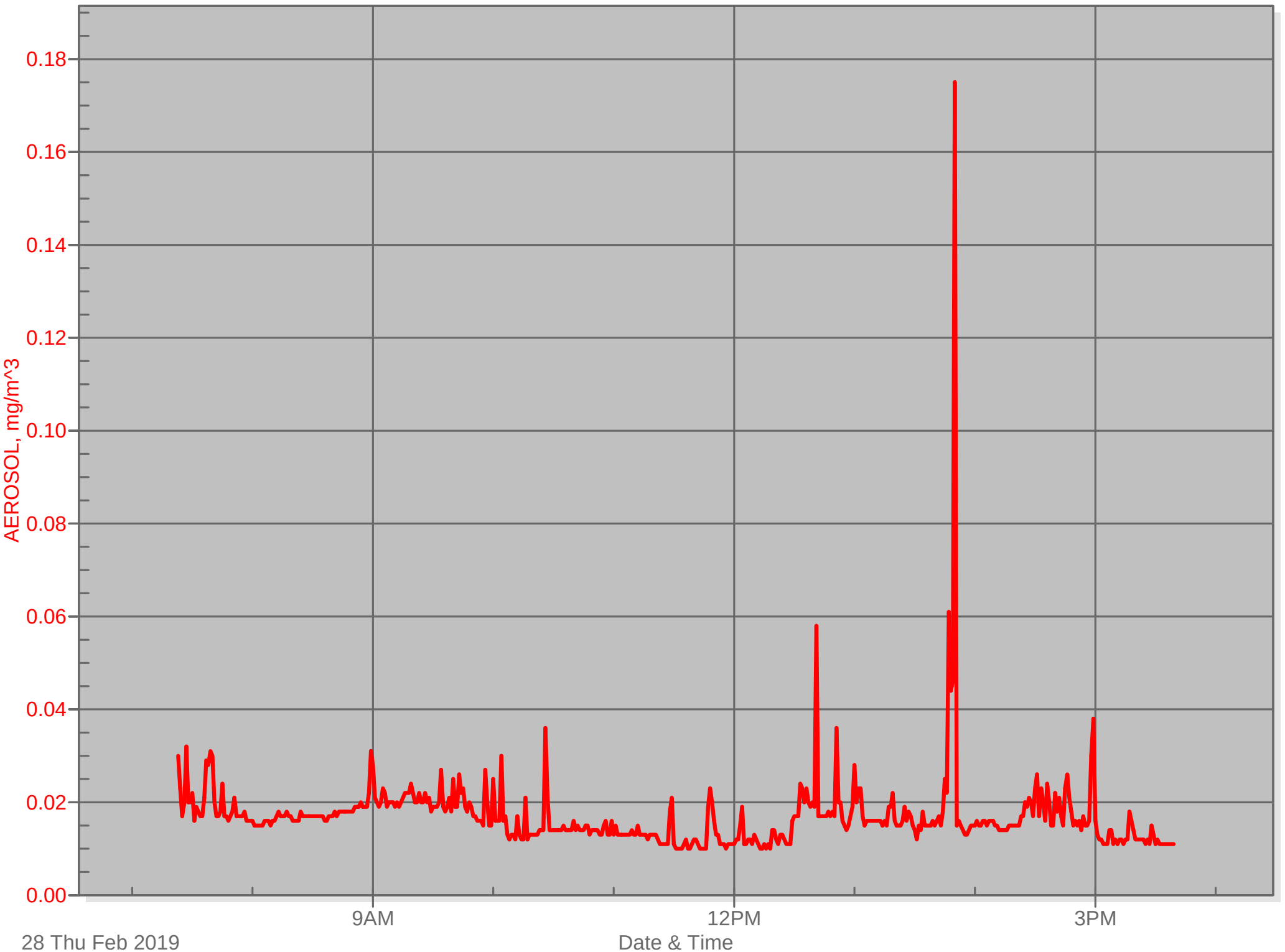
Test 032

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/28/2019
Instrument S/N	8530162808	Start Time	07:22:00
		Stop Date	02/28/2019
		Stop Time	15:39:00
		Total Time	0:08:17:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.017 mg/m ³
Max	0.175 mg/m ³
Max Date	02/28/2019
Max Time	13:50:00
Min	0.010 mg/m ³
Min Date	02/28/2019
Min Time	11:31:00
TWA (8 hr)	0.017
TWA Start Date	02/28/2019
TWA Start Time	07:22:00
TWA End Time	15:39:00

Elim Town Homes

02-28-2019



DAILY FIELD SUMMARY FORM

DATE: 3/11/2019

FILE No. 21.0056884.00

REPORT No. 19-34

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 14°F Sunny

Temp Range: 14° to 32° °F

Wind Speed: 4 mph

Wind Direction: E

Time GZA Arrived on Site: 0715

Site Conditions: Frozen Ground / Snow cover

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nymish
- GZA's Equipment On-Site: DustTrak
Mini RAE3000

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)

- Viscone continues to backfill storm-sewer excavation w/ clean stone
- Viscone excavates small areas for catch basins in storm-sewer line
- Viscone installs catch basins along storm sewer line
- During backfill/excavation activities no elevated levels of Dust was observed during CAMP monitoring.
- During backfill/excavation activities GZA sampled ambient air up + down wind w/ PID → No elevated levels were observed (0.0ppm)

Photos taken: Yes

Time GZA left Site: 1545

Prepared by: Pete Nymish

Reviewed by: J. Rochet

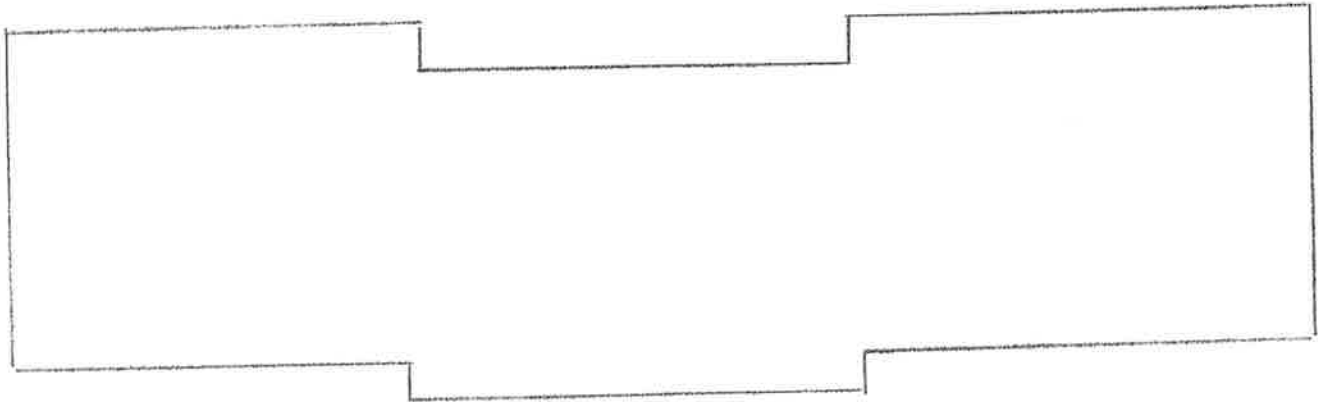
DAILY FIELD SUMMARY FORM

DATE: 3/1/2019

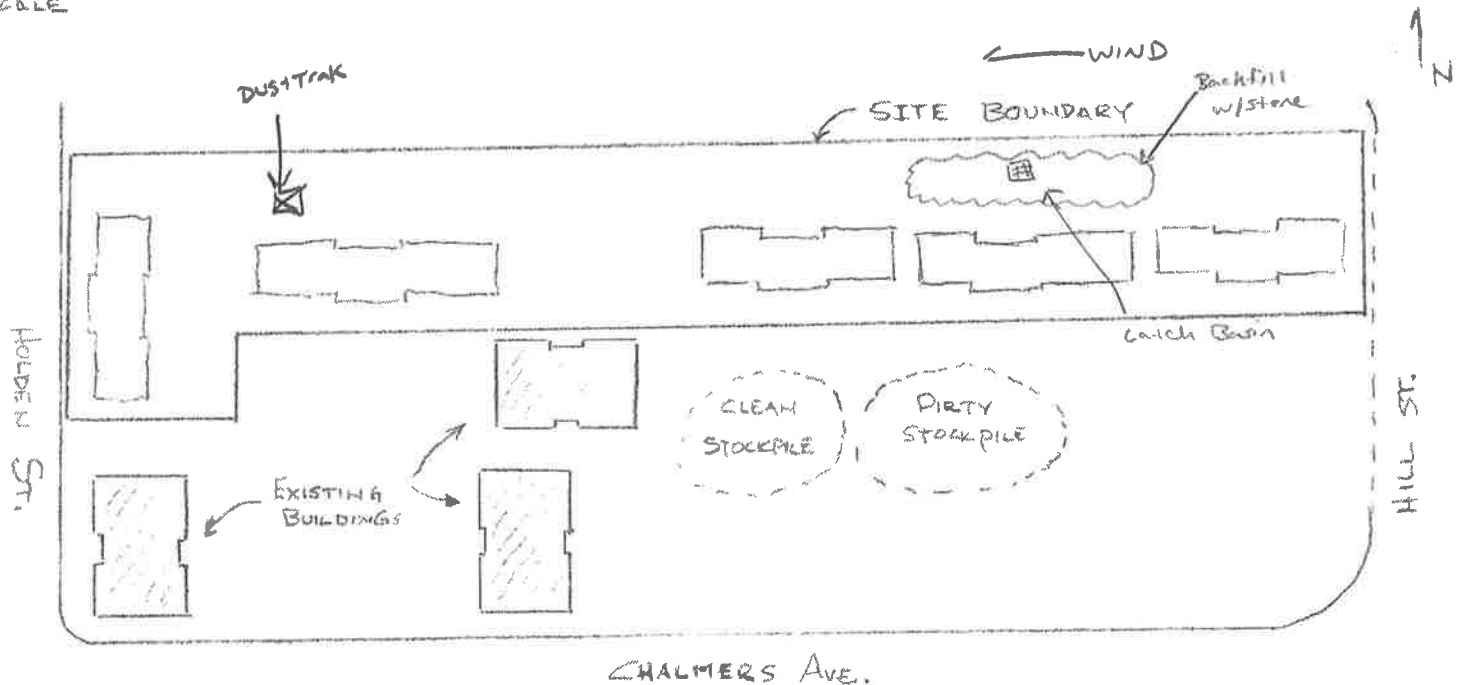
FILE No. 21.0056884.00

REPORT No. 19-34

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



Not to
Scale



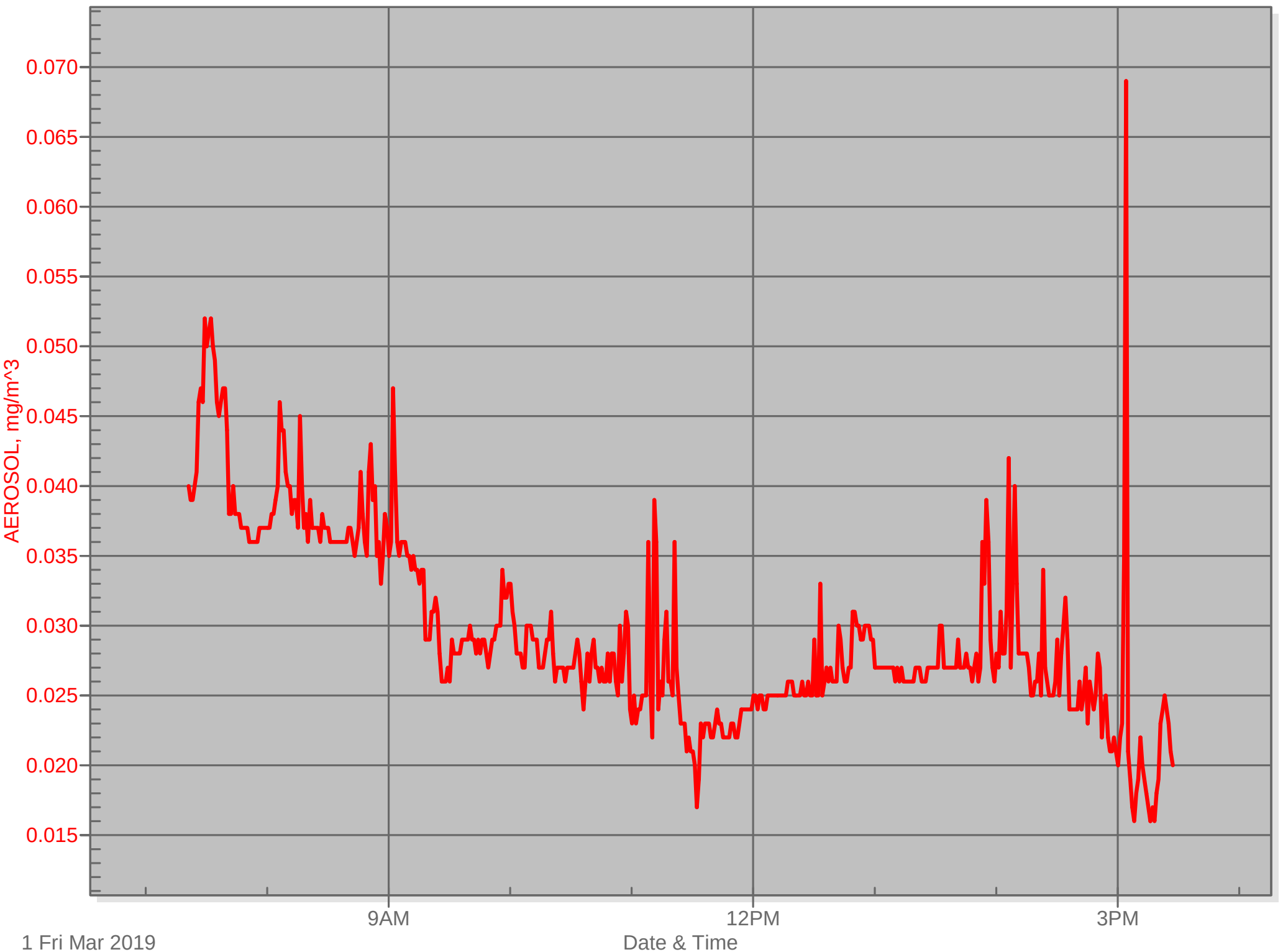
Test 033

Instrument		Data Properties	
Model	DustTrak II	Start Date	03/01/2019
Instrument S/N	8530162808	Start Time	07:20:10
		Stop Date	03/01/2019
		Stop Time	15:27:10
		Total Time	0:08:07:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.029 mg/m ³
Max	0.069 mg/m ³
Max Date	03/01/2019
Max Time	15:04:10
Min	0.016 mg/m ³
Min Date	03/01/2019
Min Time	15:08:10
TWA (8 hr)	0.030
TWA Start Date	03/01/2019
TWA Start Time	07:20:10
TWA End Time	15:27:10

Elim Town Homes

03-01-2019



DAILY FIELD SUMMARY FORM

DATE: 3/11 2019

FILE No. 21.0056884.00

REPORT No. 19-35

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 17°F Cloudy

Temp Range: 17 to 19 °F

Wind Speed: 5-10 mph

Wind Direction: N

Time GZA Arrived on Site: 0715

Site Conditions: Frozen Ground / Snow

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyznyk
- GZA's Equipment On-Site: Dust Train
Mini RAE 3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

N/A

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone continues to excavate for Bldg A1 foundation footers → soil is directed loaded and stockpiled in designated areas.
- Viscone continues to excavate in Bldg B for utilities (water, sewer)
- Viscone continues to backfill storm-sewer excavation w/ clean stone
- GZA observed absent soil cover cap in portions of Bldg A1 excavation → see attached DFS field sketch.
- During CAMD monitoring no elevated levels of dust were observed
- NO elevated levels of VOC's were observed

Photos taken: Yes

Time GZA left Site: 1600

Prepared by: Pete Nyznyk

Reviewed by: J. Richert

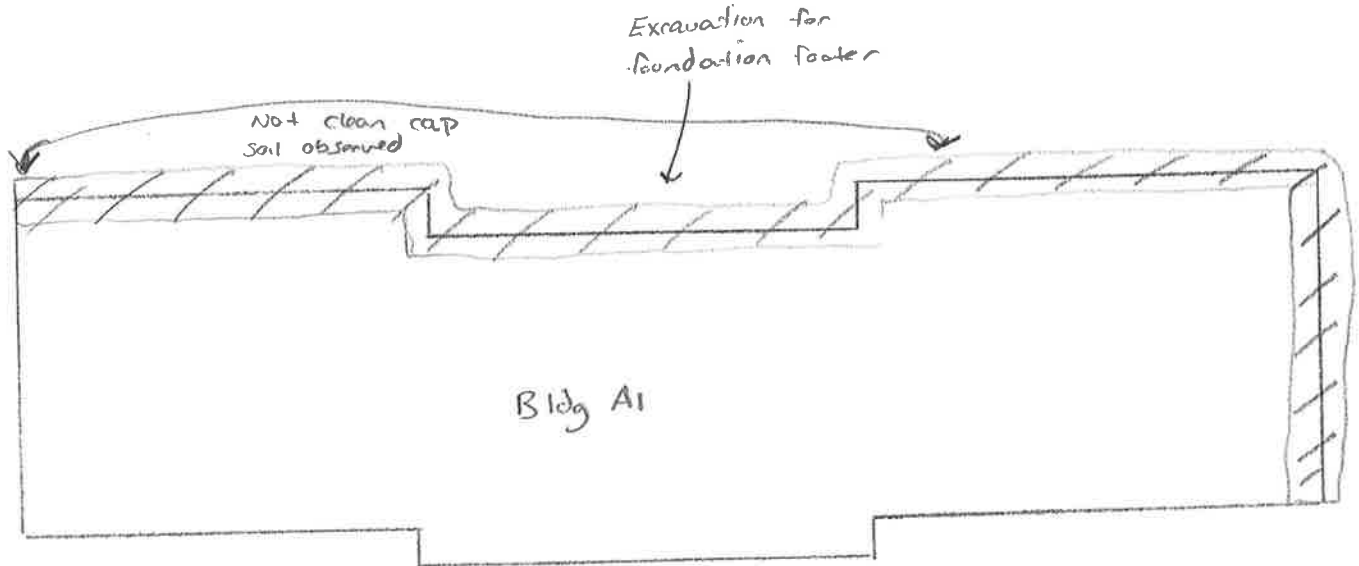
DAILY FIELD SUMMARY FORM

DATE: 3/4/2019

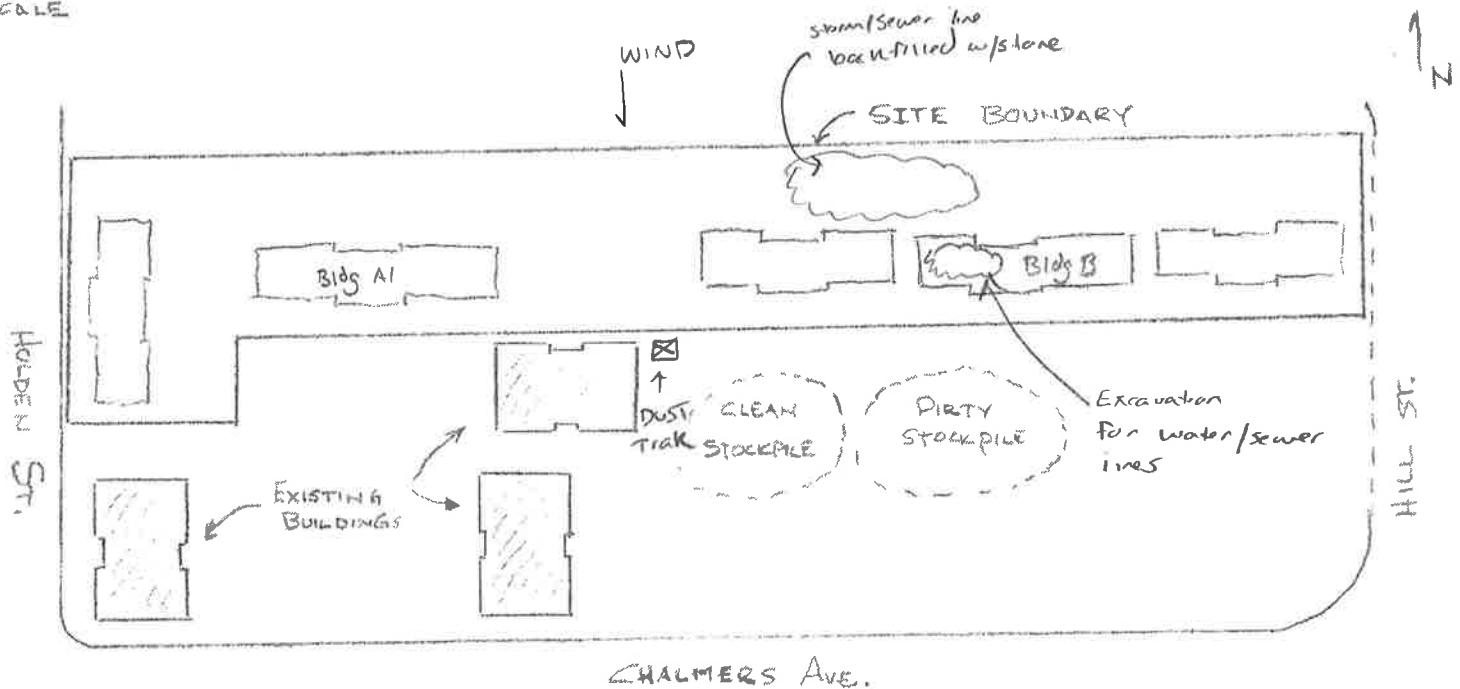
FILE No. 21.0056884.00

REPORT No. 19-35

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



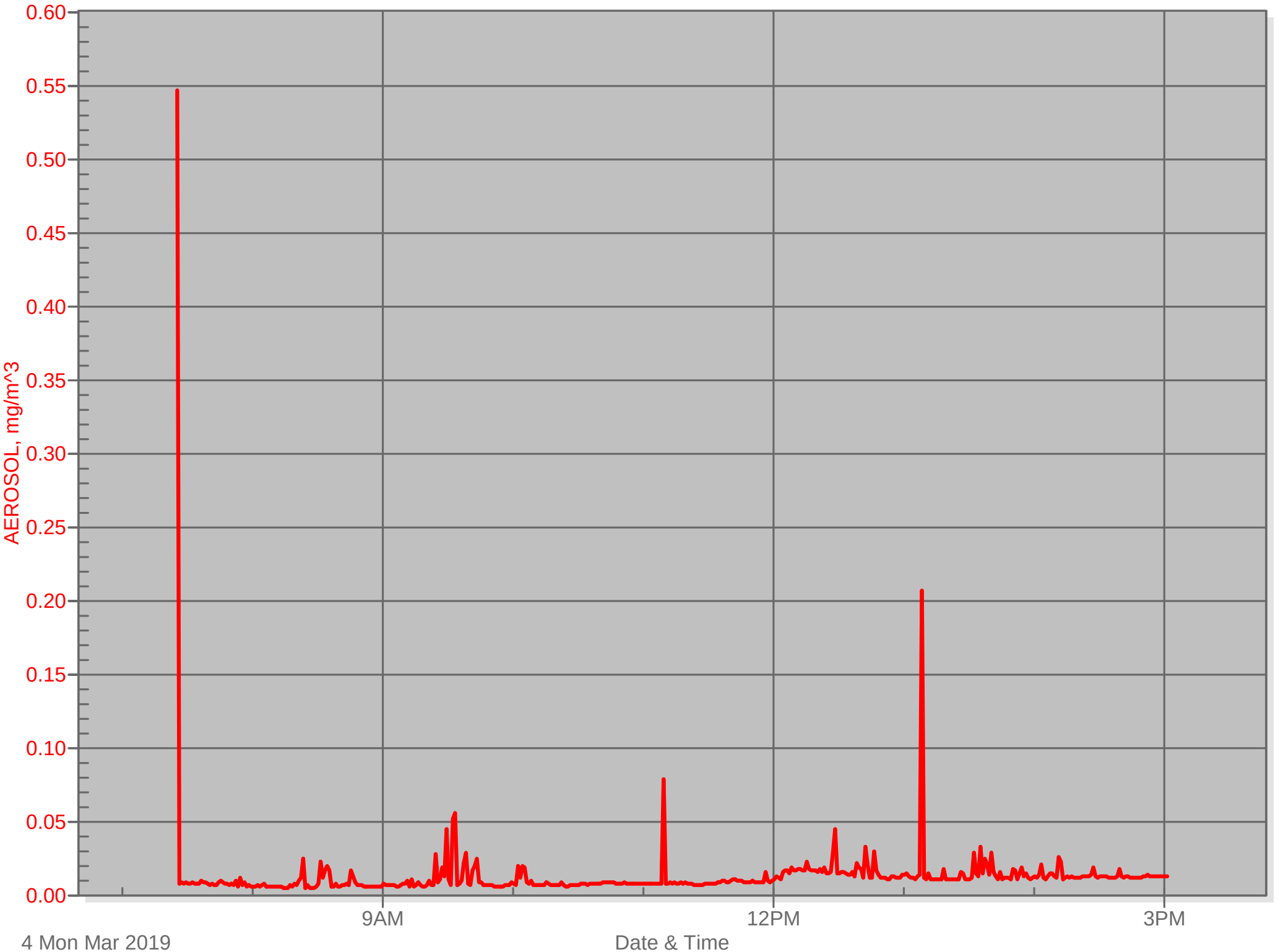
Test 034

Instrument		Data Properties	
Model	DustTrak II	Start Date	03/04/2019
Instrument S/N	8530162808	Start Time	07:24:18
		Stop Date	03/04/2019
		Stop Time	15:01:18
		Total Time	0:07:37:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.013 mg/m ³
Max	0.547 mg/m ³
Max Date	03/04/2019
Max Time	07:25:18
Min	0.005 mg/m ³
Min Date	03/04/2019
Min Time	08:14:18
TWA (8 hr)	0.012
TWA Start Date	03/04/2019
TWA Start Time	07:24:18
TWA End Time	15:01:18

Elim Town Homes

03-04-2019



DAILY FIELD SUMMARY FORM

DATE: 3-7-2019

FILE No. 21.0056884.00

REPORT No. 19-36

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 14°F Partly Cloudy

Temp Range: 14° to 23 °F

Wind Speed: 5 mph

Time GZA Arrived on Site: 7:15

Wind Direction: NW

Site Conditions: Frozen Ground/Snow

Contractors on Site: Viscone

Pro-line

• GZA Personnel On-Site: Pete Myznyk

• GZA's Equipment On-Site: DustTrak

MiniRAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

N/A

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone excavates small areas on northern boundary of site where paved road will be. Approximately ~2' of soil was removed below ground surface.
↳ Soil is directed loaded and stockpiled south of site.
- Viscone continues to backfill storm sewer line excavation w/clean stone
- DustTrak "Flow Error" data incomplete during duration of the day.
↳ No exceedures during periods of logging data. During times of instrument malfunction GZA made visible observation of dust generation. No visual airborne dust particulate was observed.
- GZA screened for VOCs w/PID → No elevated levels were observed → 0.0 ppm

Photos taken: NO

Time GZA left Site: 1600

Prepared by: Pete Myznyk

Reviewed by: Jim Kiebert

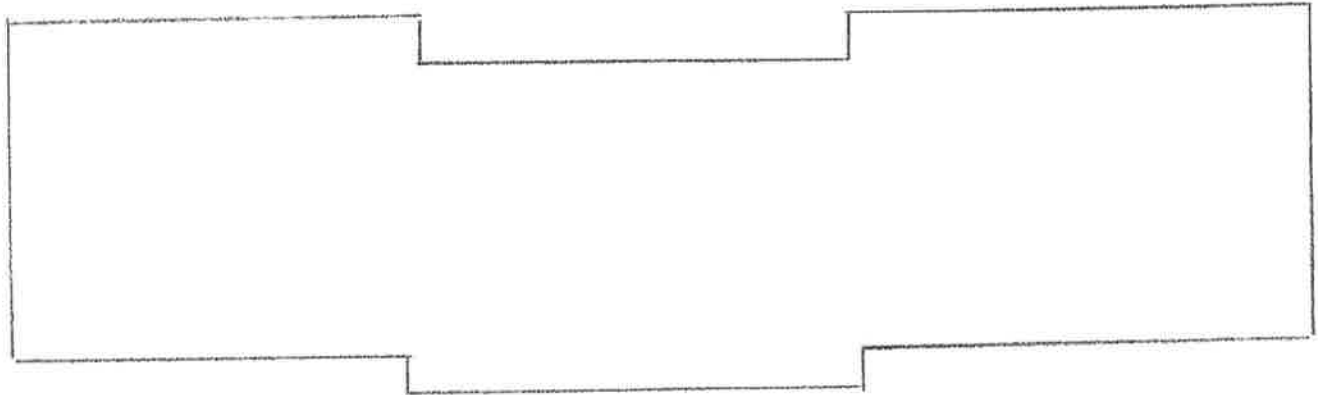
DAILY FIELD SUMMARY FORM

DATE: 3-7- 2019

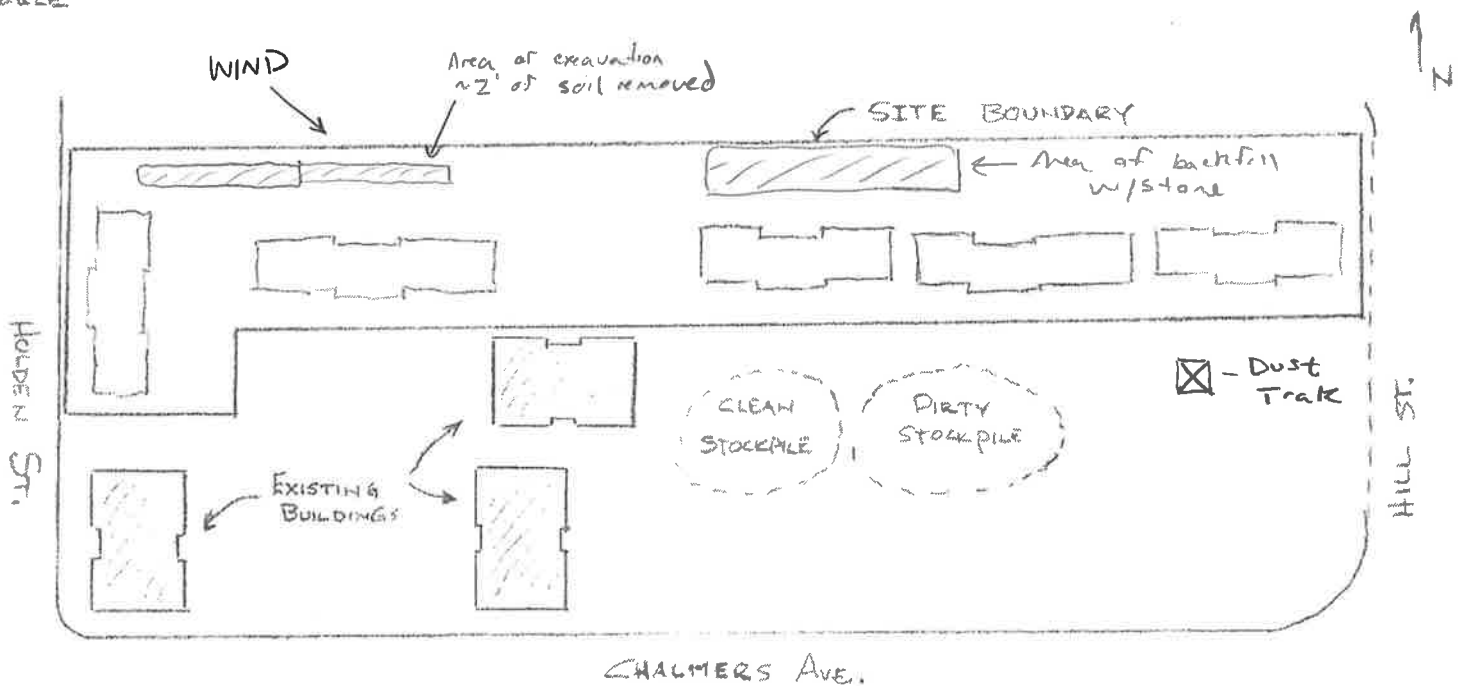
FILE No. 21.0056884.00

REPORT No. 19-36

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



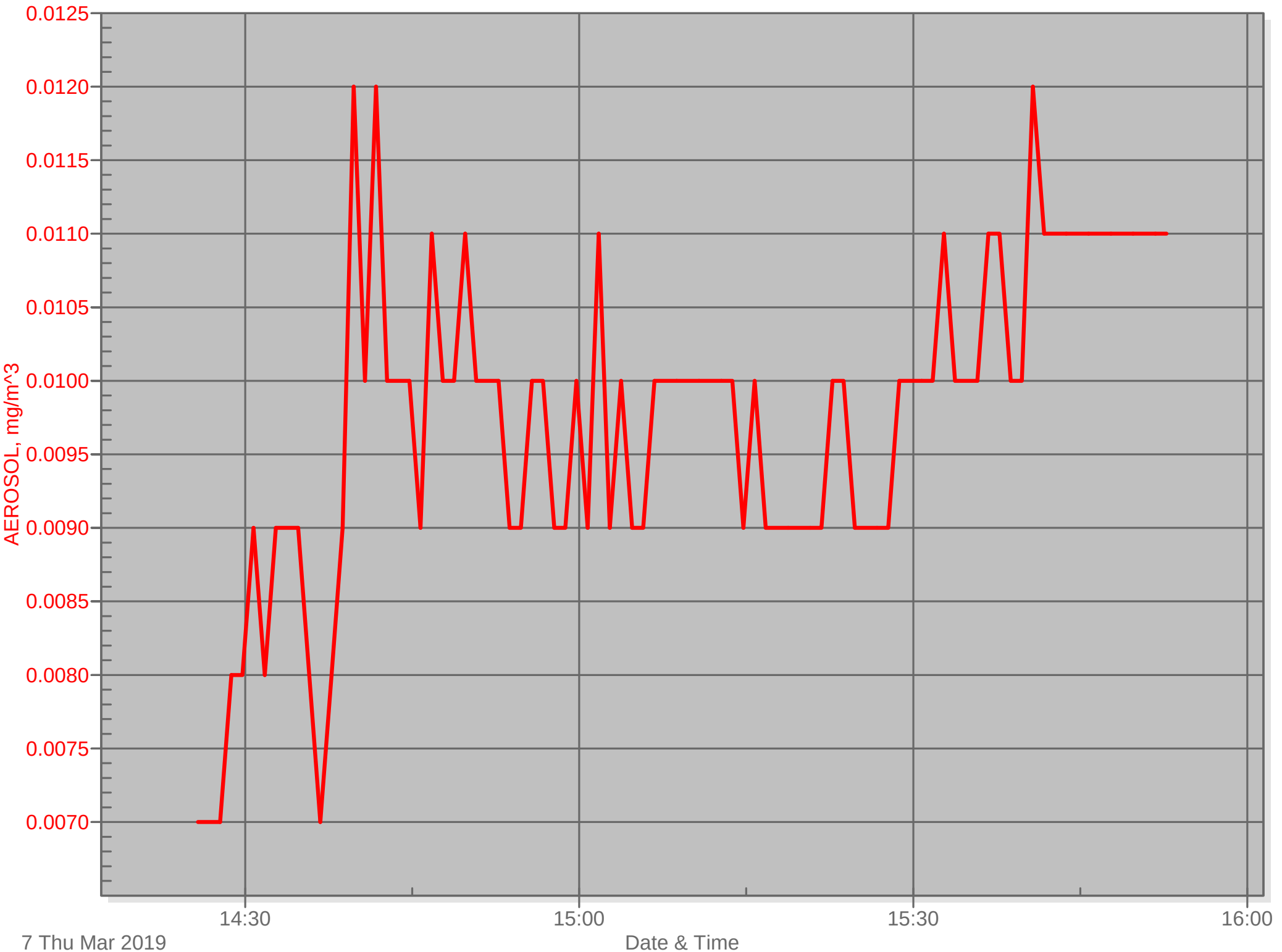
Test 041

Instrument		Data Properties	
Model	DustTrak II	Start Date	03/07/2019
Instrument S/N	8530162808	Start Time	14:24:45
		Stop Date	03/07/2019
		Stop Time	15:52:45
		Total Time	0:01:28:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.010 mg/m ³
Max	0.012 mg/m ³
Max Date	03/07/2019
Max Time	14:39:45
Min	0.007 mg/m ³
Min Date	03/07/2019
Min Time	14:25:45
TWA (8 hr)	0.002
TWA Start Date	03/07/2019
TWA Start Time	14:24:45
TWA End Time	15:52:45

Elim Town Homes

03-07-2019



DAILY FIELD SUMMARY FORM

DATE: 3/21 2019

FILE No. 21.0056884.00

REPORT No. 19-37

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 10°F sun

Temp Range: 10 to 32 °F

Wind Speed: 5 mph

Wind Direction: SE

Time GZA Arrived on Site: 07:10

Site Conditions: Frozen Ground / Snow

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Myrnyk
- GZA's Equipment On-Site: DUSTRAK
MINI LAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure: N/A

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone continues to back area of storm sewer excavation w/clean stone
- Viscone excavates approximately ~2' of soil for installation of paved road
- Viscone excavates areas for catch basins along storm-sewer line
- Viscone installs catch basins along storm sewer line
- GZA did not observe exceedances during CAMP monitoring
- GZA periodically screened ambient w/PID during excavation activities → no elevated VOC levels were observed. → 0.0ppm

Photos taken: Yes

Time GZA left Site: 1600

Prepared by: Pete Myrnyk

Reviewed by: Jim Richert

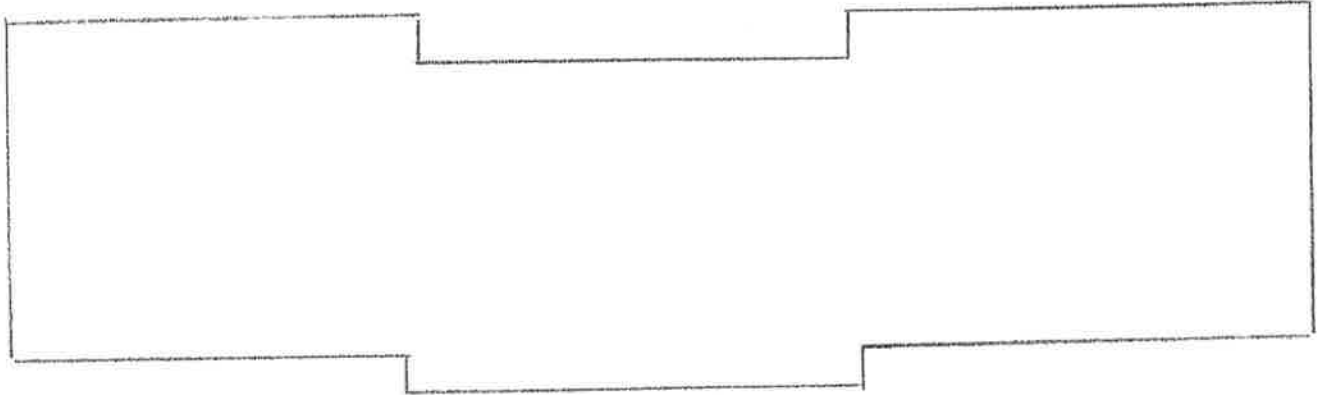
DAILY FIELD SUMMARY FORM

DATE: 3/8/ 2019

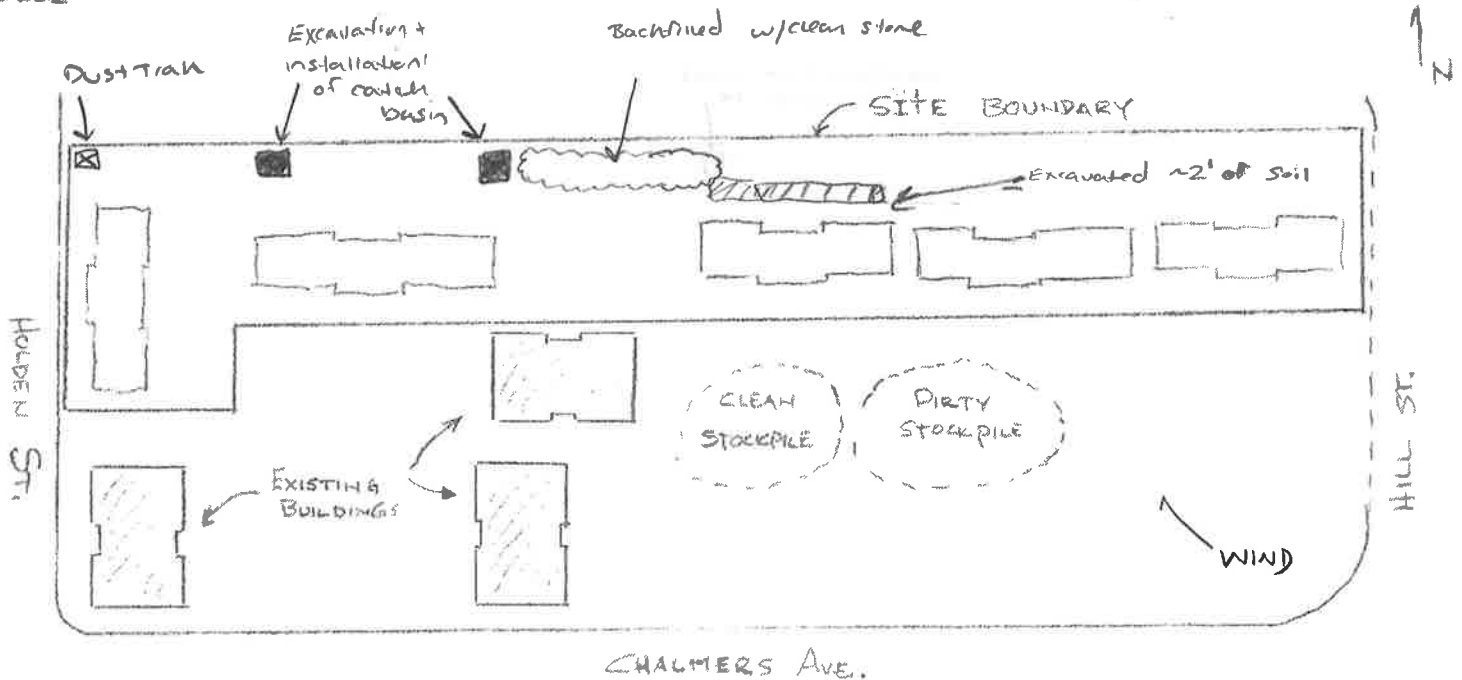
FILE No. 21.0056884.00

REPORT No. 19-37

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



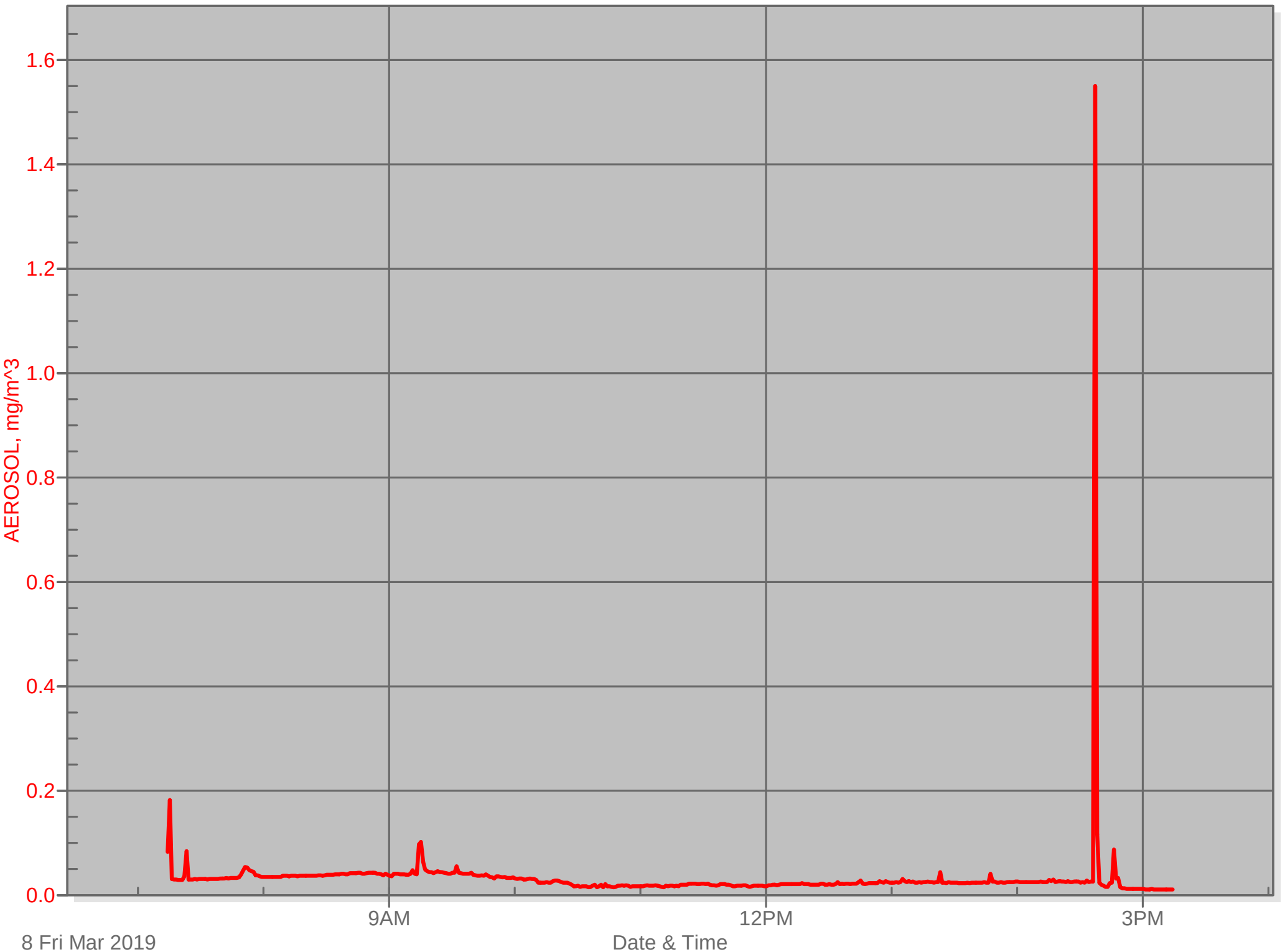
Test 042

Instrument		Data Properties	
Model	DustTrak II	Start Date	03/08/2019
Instrument S/N	8530162808	Start Time	07:13:14
		Stop Date	03/08/2019
		Stop Time	15:14:14
		Total Time	0:08:01:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.032 mg/m ³
Max	1.550 mg/m ³
Max Date	03/08/2019
Max Time	14:37:14
Min	0.011 mg/m ³
Min Date	03/08/2019
Min Time	15:01:14
TWA (8 hr)	0.032
TWA Start Date	03/08/2019
TWA Start Time	07:13:14
TWA End Time	15:14:14

Elim Town Homes

03-08-2019



DAILY FIELD SUMMARY FORM

DATE: 3/11/ 2019

FILE No. 21.0056884.00

REPORT No. 19-38

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 30°F Partly Cloudy Temp Range: 30 to 33 °F
Time GZA Arrived on Site: 7:20 Wind Speed: 15-20 mph
Wind Direction: SW

Site Conditions: Muddy

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyznyk
- GZA's Equipment On-Site: DUSTRAK
Min. RAE3000

Name of NYSDEC Representative(s) on Site: N/A
Time of arrival/Time of departure:
Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone excavates/grades <1' of soil in Bldg C foundation.
↳ excavated soils were direct loaded onto trucks and stockpiled south of the site.
- Viscone backfills and grades inside Bldg C foundation w/clean stone.
- During CAMP monitoring and PID screening no elevated levels were observed.
- Viscone uses clean stone to backfill areas of storm-sewer excavation.
- Viscone compacts backfilled stone in Bldg C foundation w/roller.

Photos taken: Yes

Time GZA left Site: 1600

Prepared by: Pete Nyznyk

Reviewed by: Jim Richard

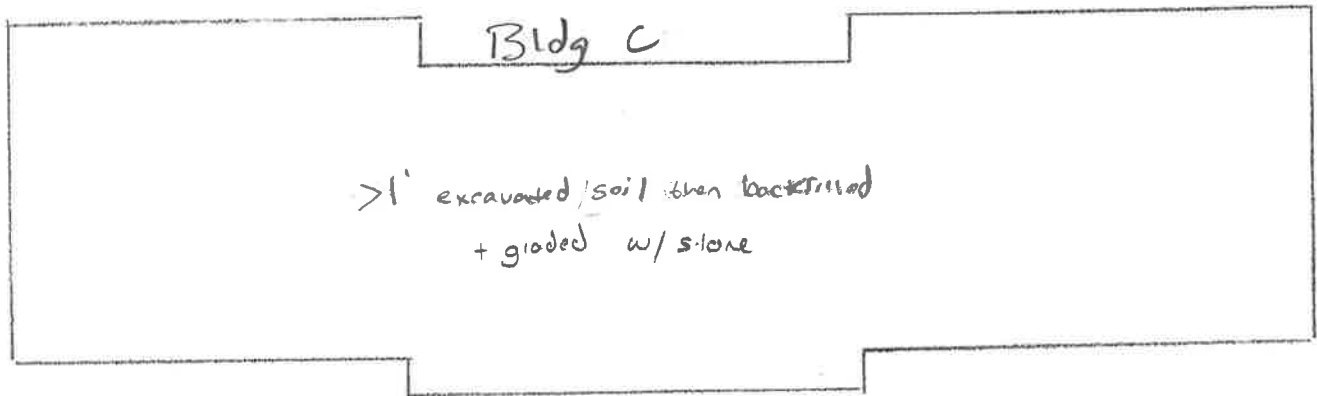
DAILY FIELD SUMMARY FORM

DATE: 3/11/2019

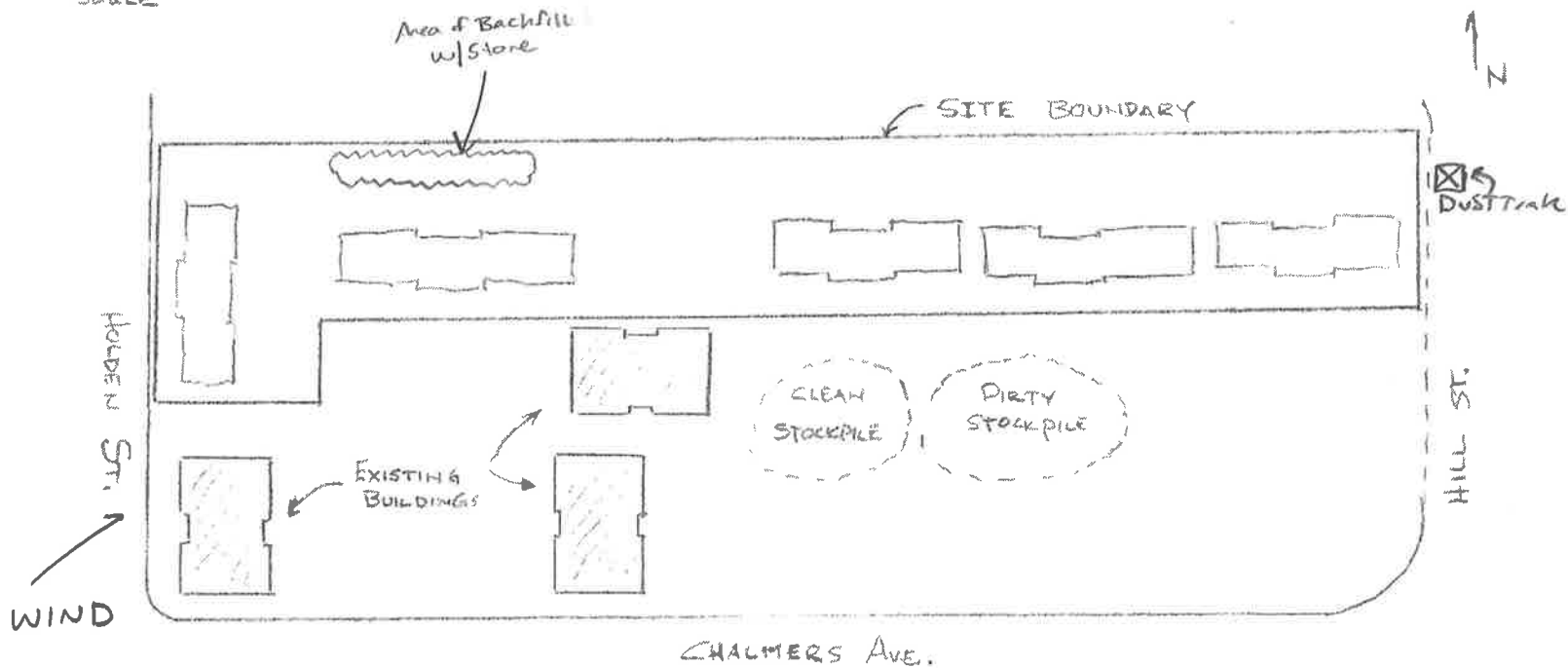
FILE No. 21.0056884.00

REPORT No. 19-38

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



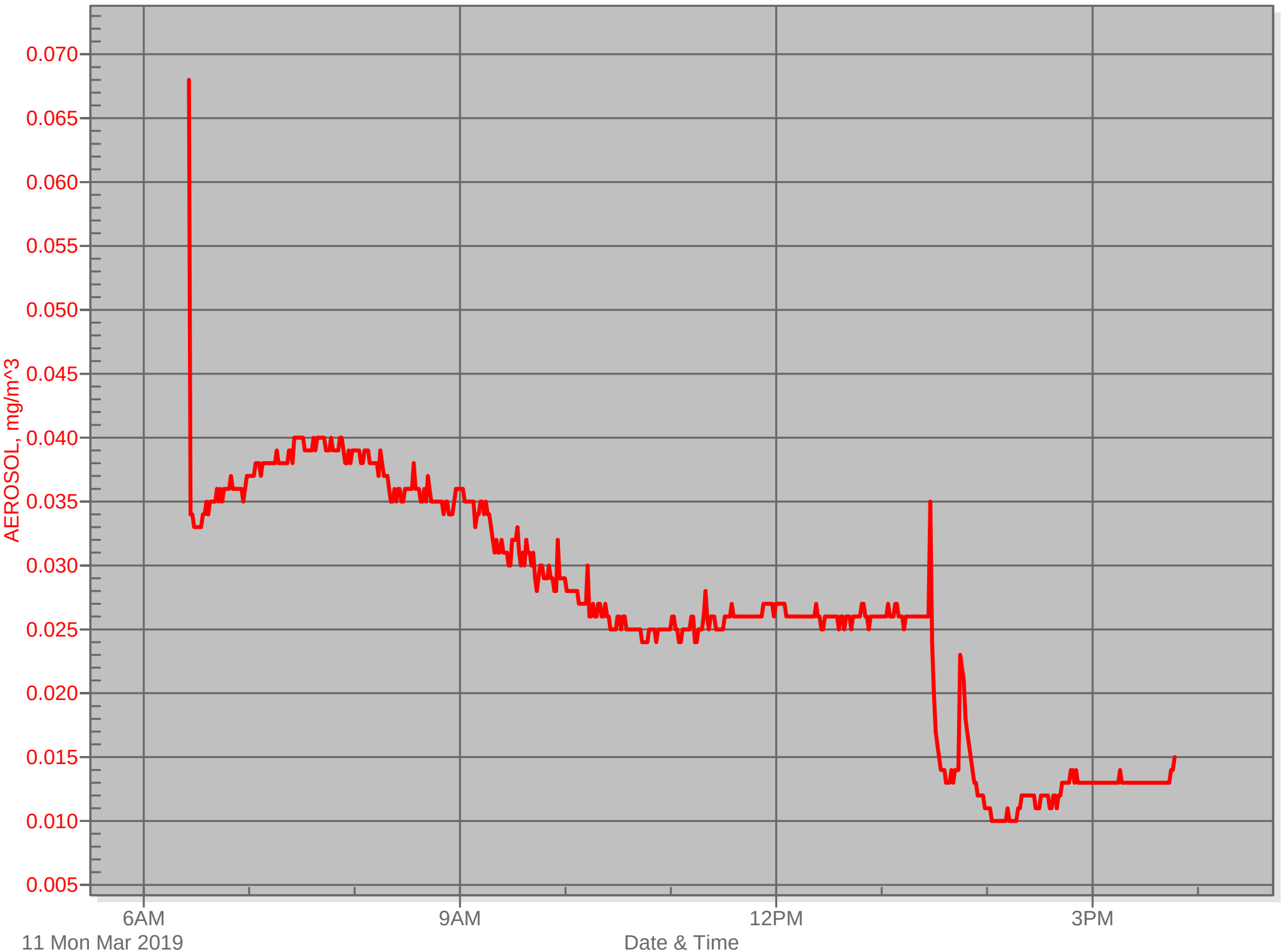
Test 043

Instrument		Data Properties	
Model	DustTrak II	Start Date	03/11/2019
Instrument S/N	8530162808	Start Time	06:24:41
		Stop Date	03/11/2019
		Stop Time	15:46:41
		Total Time	0:09:22:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.026 mg/m ³
Max	0.068 mg/m ³
Max Date	03/11/2019
Max Time	06:25:41
Min	0.010 mg/m ³
Min Date	03/11/2019
Min Time	14:02:41
TWA (8 hr)	0.029
TWA Start Date	03/11/2019
TWA Start Time	06:24:41
TWA End Time	15:46:41

Elim Town Homes

03-11-2019



DAILY FIELD SUMMARY FORM

DATE: 3/12/ 2019

FILE No. 21.0056884.00

REPORT No. 19- 37

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 28°F cloudy

Temp Range: 28 to 33 °F

Wind Speed: 10 mph

Wind Direction: NW

Time GZA Arrived on Site: 7:20

Site Conditions: Frozen Ground → Mud

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyzyn
- GZA's Equipment On-Site: DustTrak
Mini RAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

N/A

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone continues to backfill, grade and compact in Bldg C Foundation w/clean stone.
- Viscone finishes west end of Bldg C excavation for foundation footer
- Viscone excavates for foundation launches in Bldg C.
- Viscone compacts areas of backfilled stone along storm-sewer excavation w/smaller drum roller
- During CAMP monitoring no exceedances were observed.
- GZA screened ambient air during excavation activities w/PID and no elevated levels were observed → 0.0ppm

Photos taken: Yes

Time GZA left Site: 1605

Prepared by: Pete Nyzyn

Reviewed by: Jim Richert

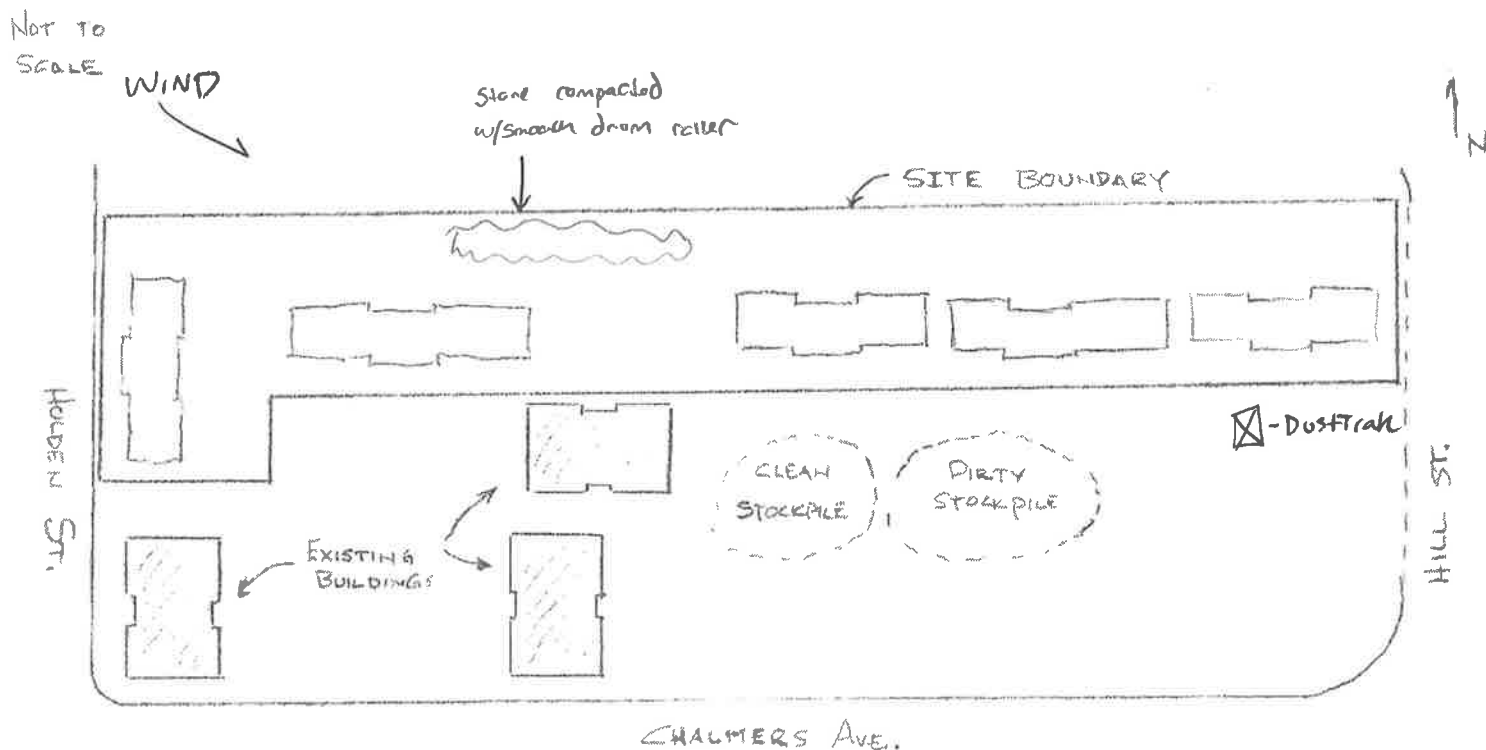
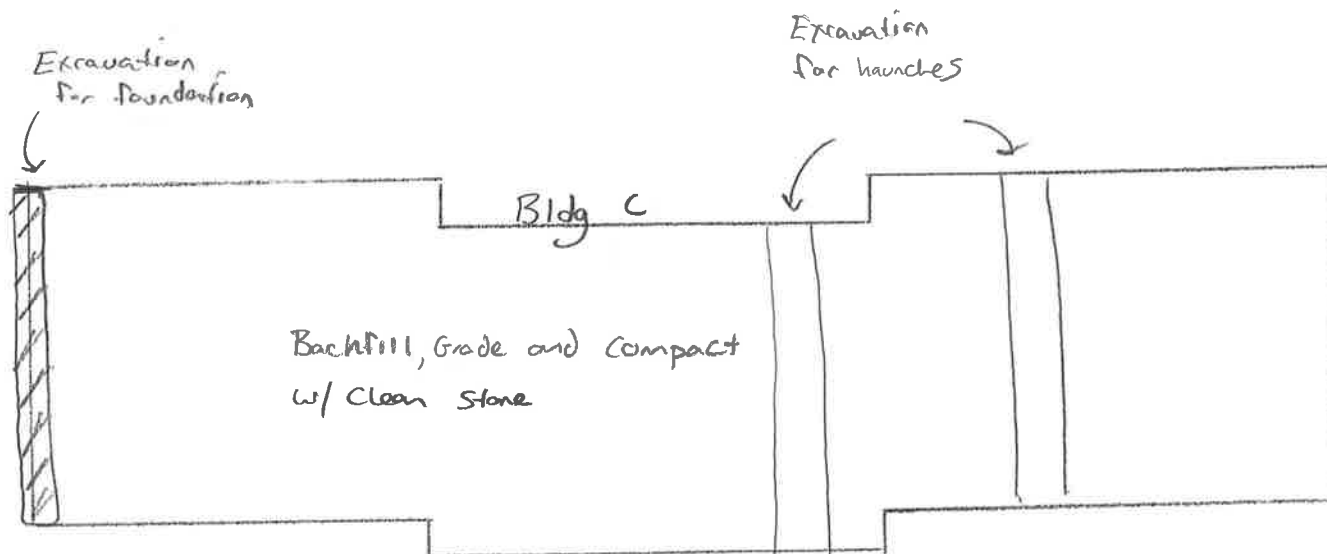
DAILY FIELD SUMMARY FORM

DATE: 3/12/2019

FILE No. 21.0056884.00

REPORT No. 19-39

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



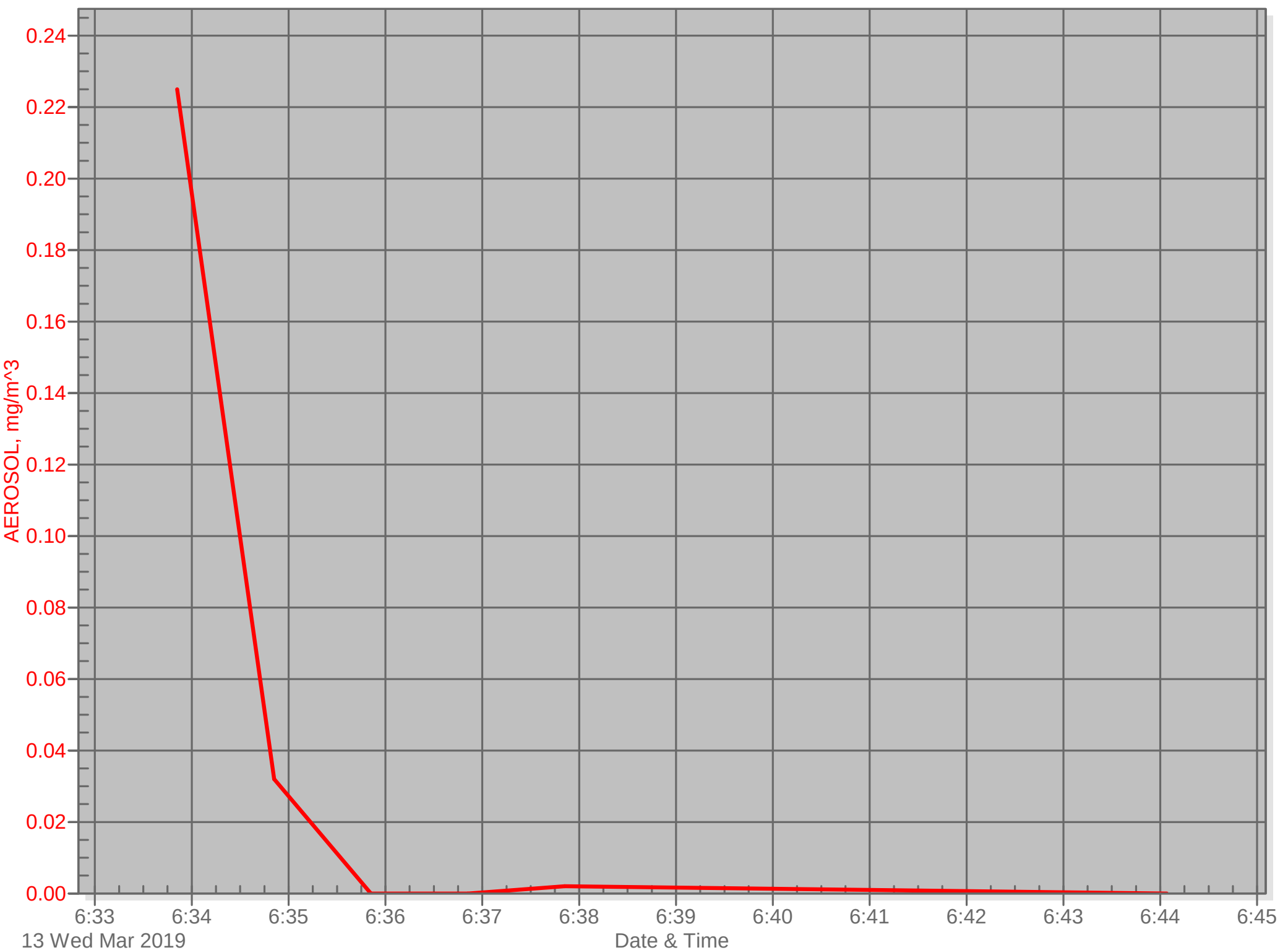
Test 044

Instrument		Data Properties	
Model	DustTrak II	Start Date	03/12/2019
Instrument S/N	8530162808	Start Time	06:19:16
		Stop Date	03/12/2019
		Stop Time	14:43:16
		Total Time	0:08:24:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.015 mg/m ³
Max	1.710 mg/m ³
Max Date	03/12/2019
Max Time	13:32:16
Min	0.002 mg/m ³
Min Date	03/12/2019
Min Time	13:45:16
TWA (8 hr)	0.016
TWA Start Date	03/12/2019
TWA Start Time	06:19:16
TWA End Time	14:43:16

Elim Town Homes

03-12-2019



DAILY FIELD SUMMARY FORM

DATE: 3/14/ 2019

FILE No. 21.0056884.00

REPORT No. 19-41

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 42°F cloudy

Temp Range: 42° to 60° °F

Wind Speed: 5-10 mph

Wind Direction: E-SE

Time GZA Arrived on Site: 0715

Site Conditions: Muddy

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyznyk
- GZA's Equipment On-Site: DustTrak
Mini RAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure: NA

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone places clean stone on east end of site to build up + maintain access road.
- Plumbing contractors excavate for water + sewer lines in Bldg C footprint
- Viscone backfills areas around Bldg C foundation w/clean stone
- During CAMD monitoring GZA did not observe exceedances.
- GZA periodically screened ambient air up/down wind of excavation area and no elevated levels were observed. ⇒ 0.0 ppm

Photos taken: Yes

Time GZA left Site: 1500

Prepared by: Pete Nyznyk

Reviewed by: Jim Richert

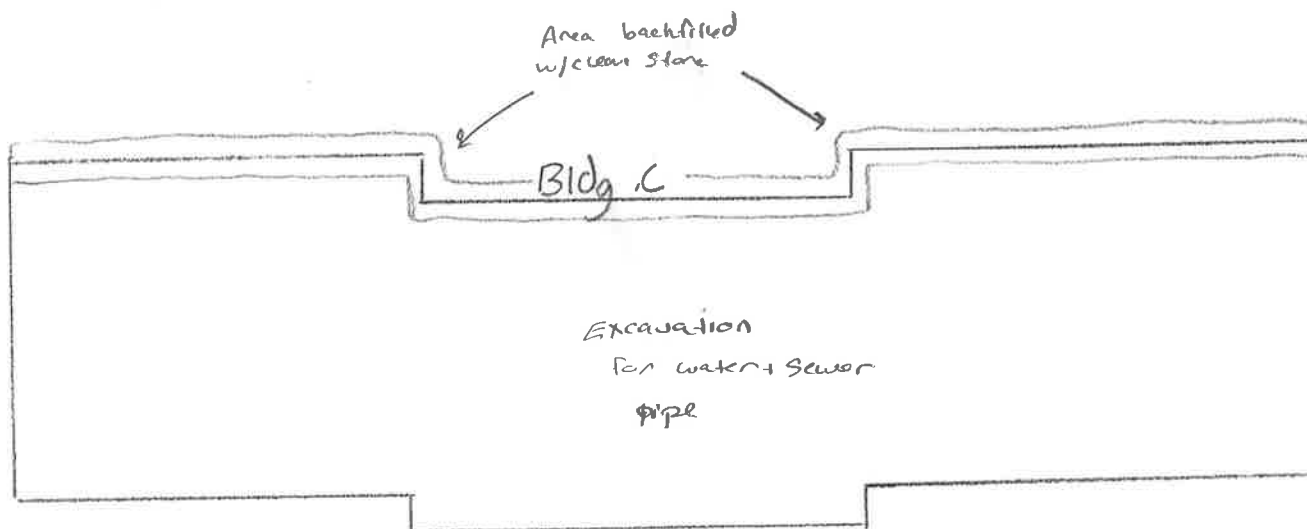
DAILY FIELD SUMMARY FORM

DATE: 3/14/ 2019

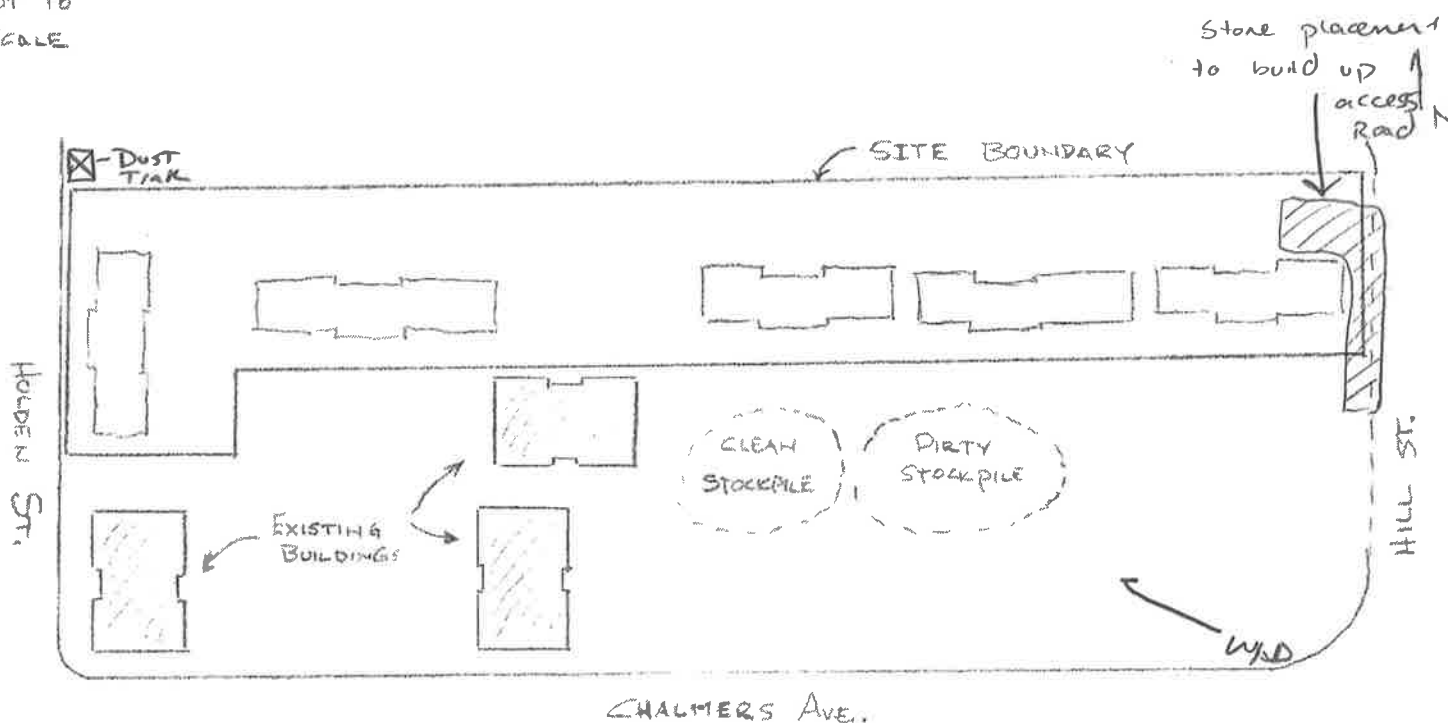
FILE No. 21.0056884.00

REPORT No. 19-41

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



Not to
Scale



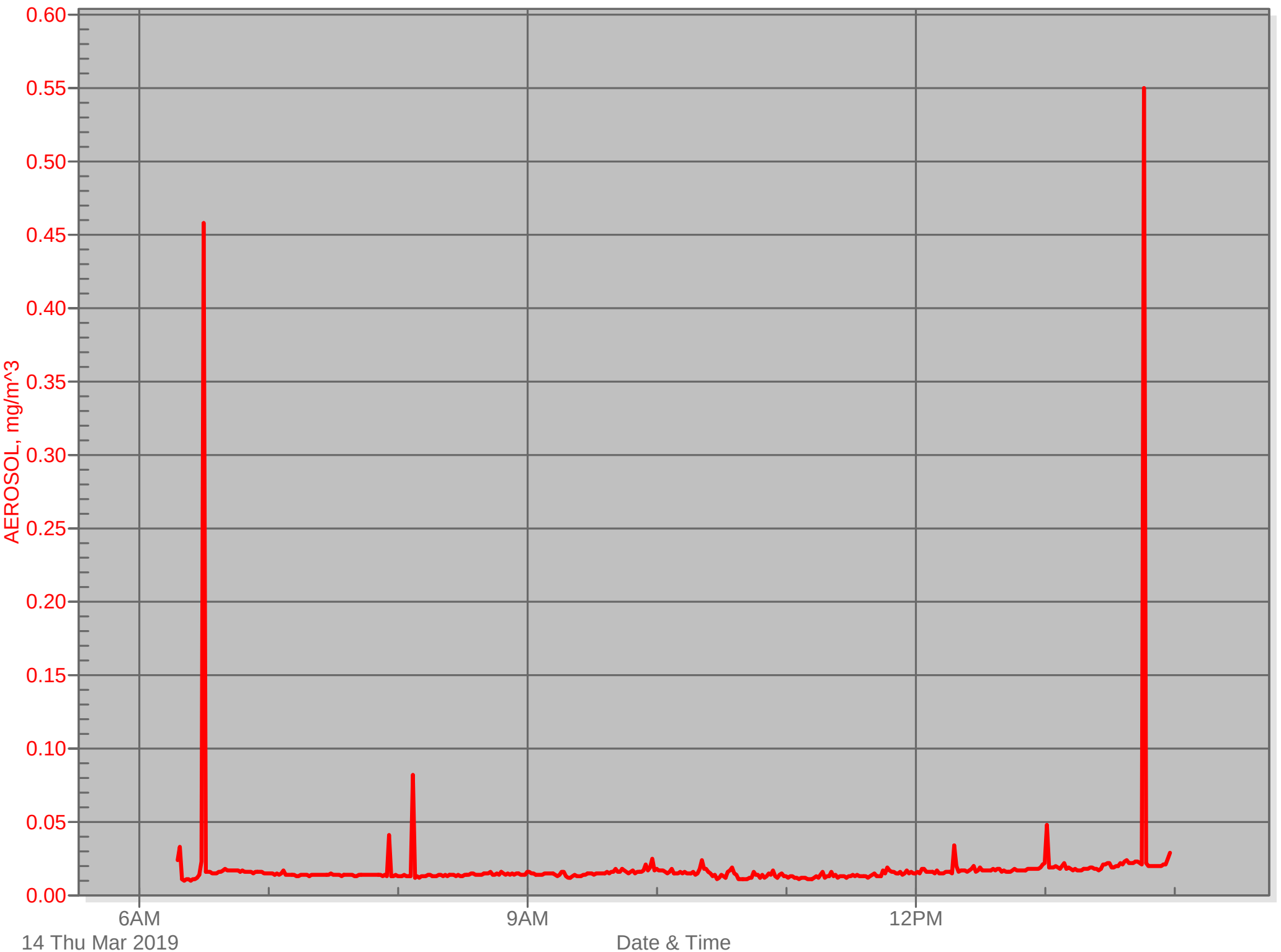
Test 047

Instrument		Data Properties	
Model	DustTrak II	Start Date	03/14/2019
Instrument S/N	8530162808	Start Time	06:16:48
		Stop Date	03/14/2019
		Stop Time	13:57:48
		Total Time	0:07:41:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.018 mg/m ³
Max	0.550 mg/m ³
Max Date	03/14/2019
Max Time	13:45:48
Min	0.010 mg/m ³
Min Date	03/14/2019
Min Time	06:20:48
TWA (8 hr)	0.017
TWA Start Date	03/14/2019
TWA Start Time	06:16:48
TWA End Time	13:57:48

Elim Town Homes

03-14-2019



DAILY FIELD SUMMARY FORM

DATE: 3/15/ 2019

FILE No. 21.0056884.00

REPORT No. 19-42

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 42°F cloudy + windy Temp Range: 42° to 45° °F
Time GZA Arrived on Site: 0715 Wind Speed: 20 mph
Wind Direction: SW

Site Conditions: Muddy

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyruph
- GZA's Equipment On-Site: DustTrak
Mini RAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

N/A

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone continues to backfill areas of Bldg C Foundation w/ clean stone.
- Plumbing contractors excavate small areas inside Bldg C for water and sewer lines
- During CADD monitoring exceedences were not observed
- GZA periodically screened ambient air up & down wind from excavation areas, no elevated levels were observed → 0.0 ppm

Photos taken: No

Time GZA left Site: 1330

Prepared by: Pete Nyruph

Reviewed by: Jim Richter

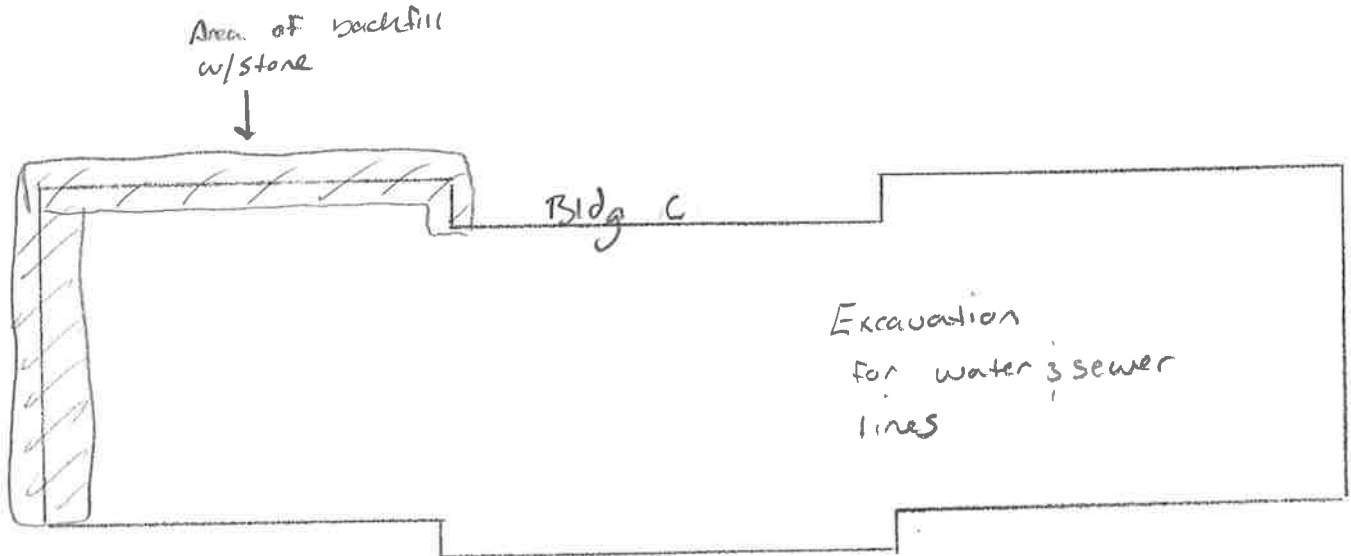
DAILY FIELD SUMMARY FORM

DATE: 3/15/2019

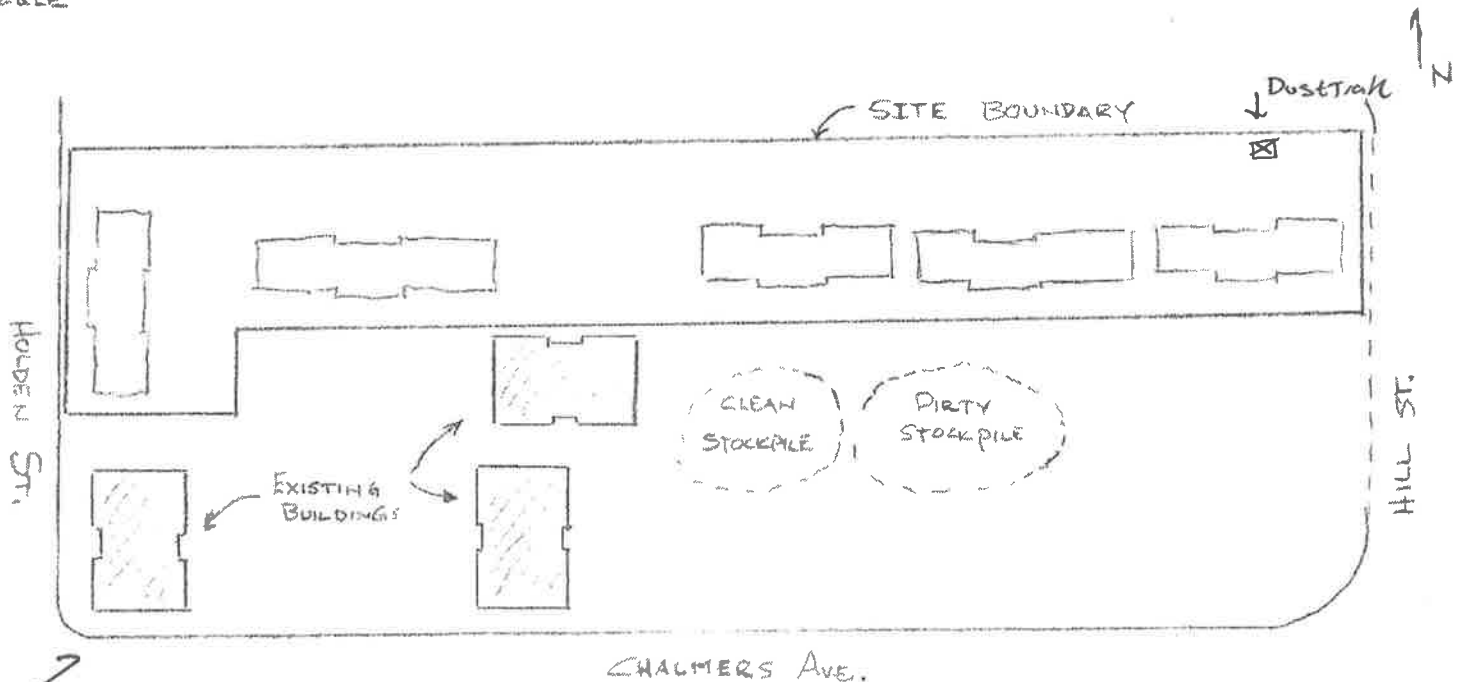
FILE No. 21.0056884.00

REPORT No. 19-42

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



Not to
Scale



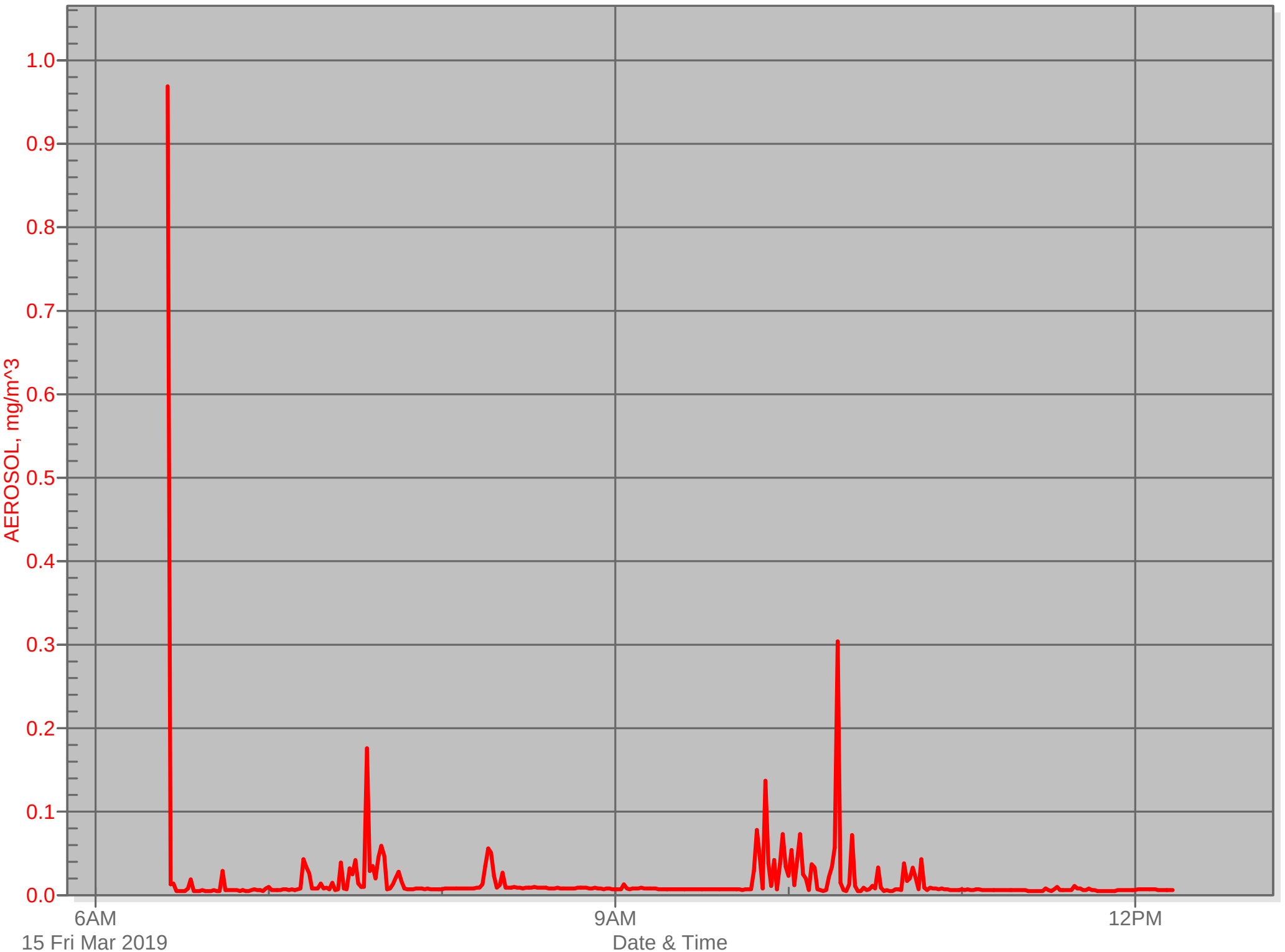
Test 048

Instrument		Data Properties	
Model	DustTrak II	Start Date	03/15/2019
Instrument S/N	8530162808	Start Time	06:23:58
		Stop Date	03/15/2019
		Stop Time	12:12:58
		Total Time	0:05:49:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.016 mg/m ³
Max	0.969 mg/m ³
Max Date	03/15/2019
Max Time	06:24:58
Min	0.005 mg/m ³
Min Date	03/15/2019
Min Time	06:27:58
TWA (8 hr)	0.012
TWA Start Date	03/15/2019
TWA Start Time	06:23:58
TWA End Time	12:12:58

Elim Town Homes

03-15-2019



DAILY FIELD SUMMARY FORM

DATE: 3/10/19 2019

FILE No. 21.0056884.00

REPORT No. 19-43

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 28°F Cloudy

Temp Range: 28 to 33 °F

Wind Speed: 5-10 mph

Wind Direction: SW

Time GZA Arrived on Site: 0715

Site Conditions: Frozen Ground

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Wyerly
- GZA's Equipment On-Site: Dusttrak
Mini RAE 3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure: N/A

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone excavates N 2' of soil in preparation for building foundation.
- Plumbing contractors continue to excavate areas inside Bldg C for water and sewer lines
- Portions of the excavation south of Bldg A2 footprint did not have clean soil cover or D-mat. See field sketch on next page
- Viscone placed D-mat fabric on bottom of excavation
- During CAMP monitoring exceedances were not observed
- GZA periodically screened ambient air updown wind of excavation areas and no elevated levels were observed $\rightarrow 0.0 \text{ ppm}$

Photos taken: Yes

Time GZA left Site: 1605

Prepared by: Pete Wyerly

Reviewed by: Jim Richest

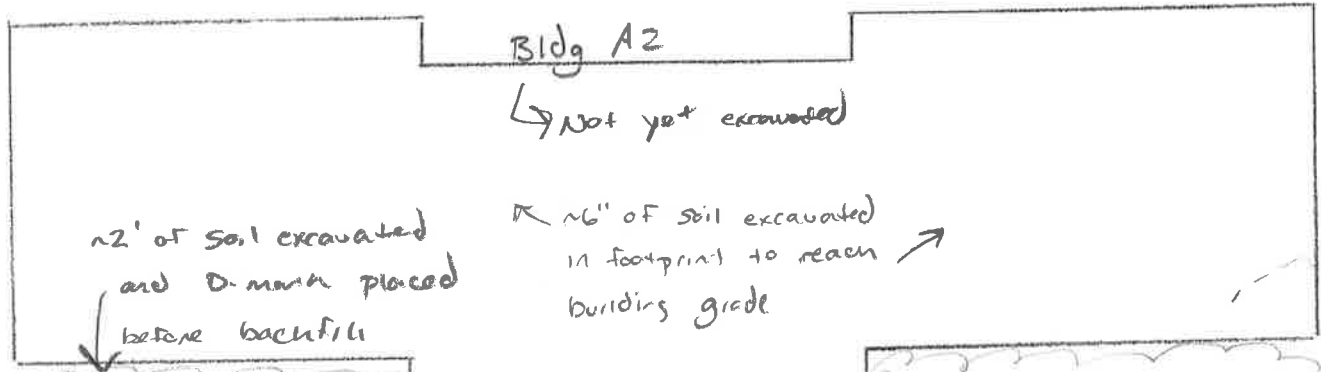
DAILY FIELD SUMMARY FORM

DATE: 3/10/ 2019

FILE No. 21.0056884.00

REPORT No. 19-43

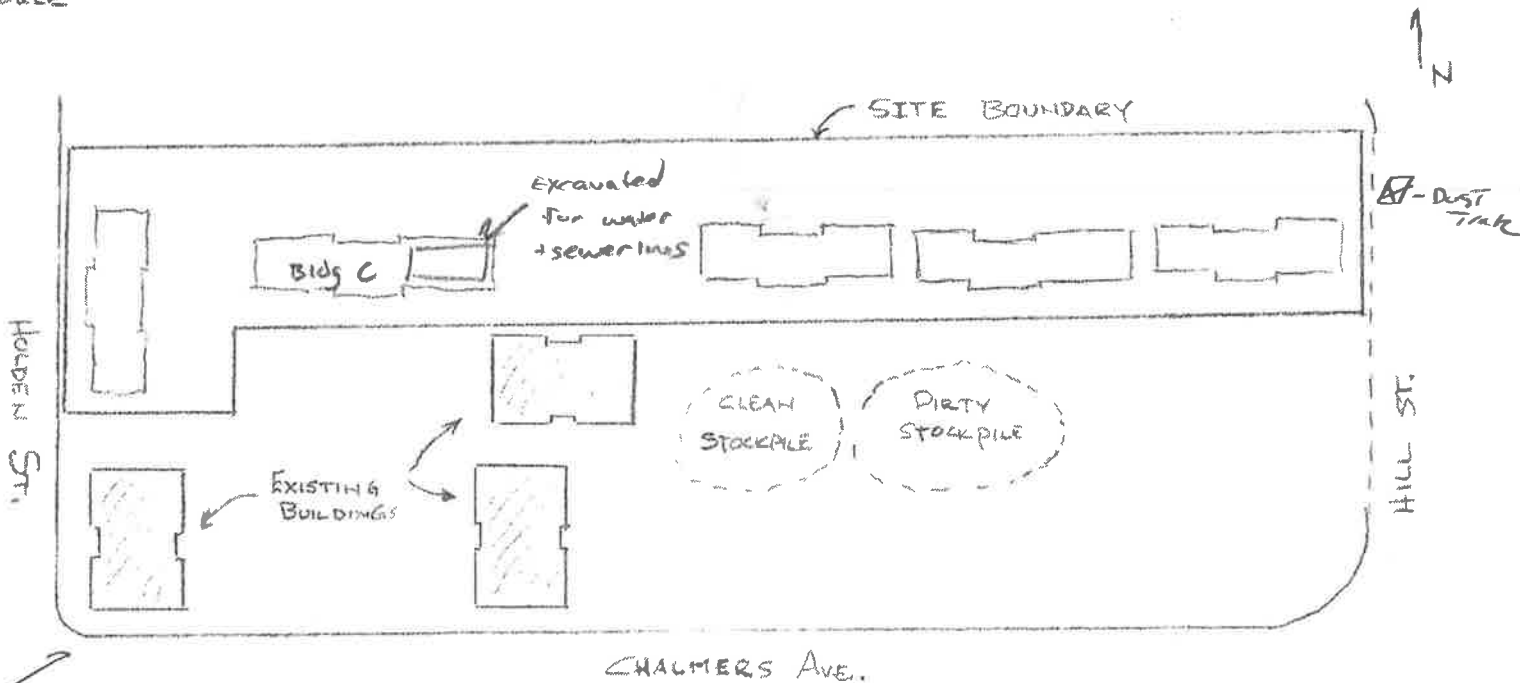
PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



~2' Clean soil cap observed

~2' of soil excavated
No clean soil CAP-Fill only observed

NOT TO
SCALE



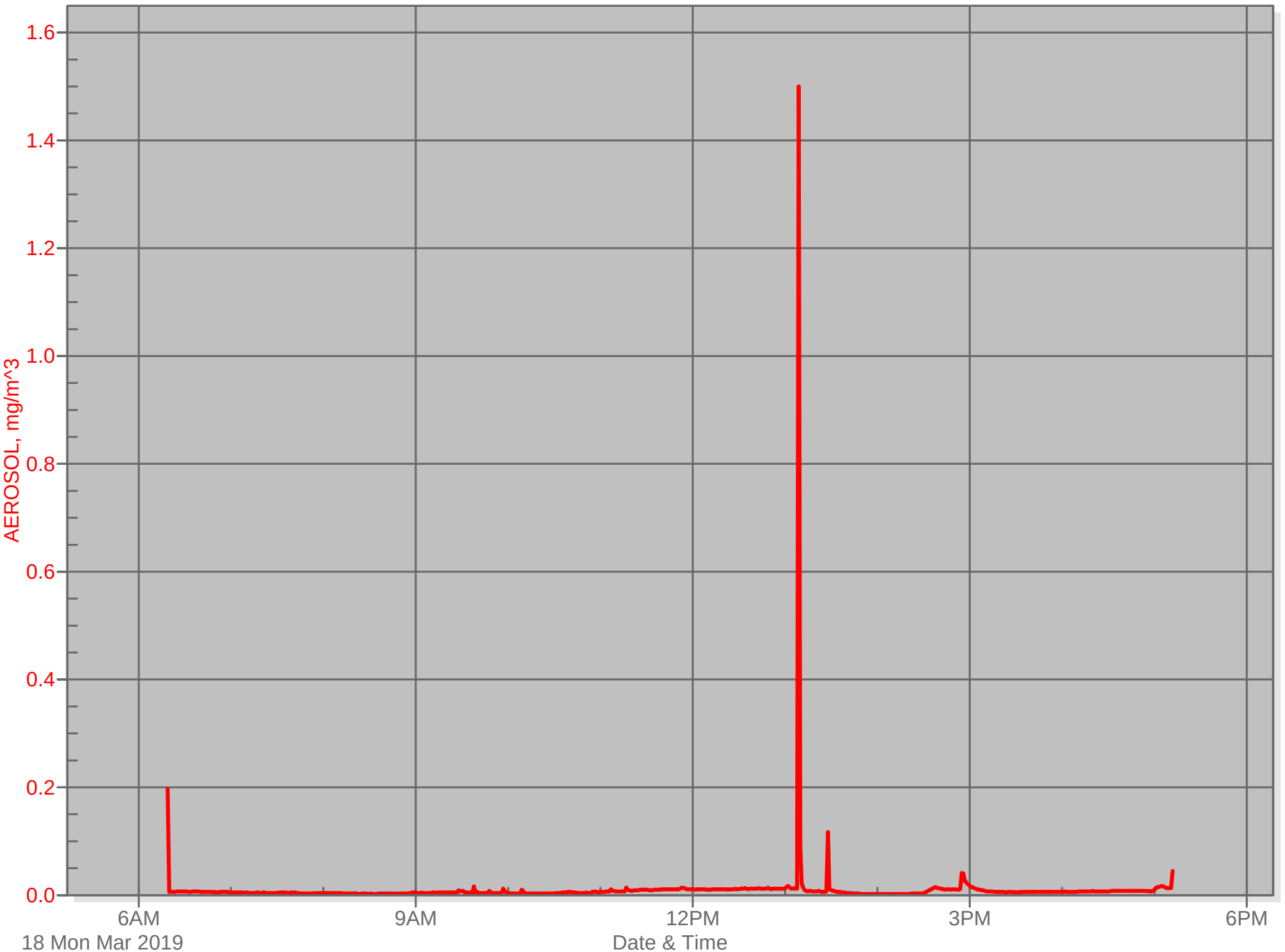
Test 049

Instrument		Data Properties	
Model	DustTrak II	Start Date	03/18/2019
Instrument S/N	8530162808	Start Time	06:17:49
		Stop Date	03/18/2019
		Stop Time	17:11:49
		Total Time	0:10:54:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.010 mg/m ³
Max	1.500 mg/m ³
Max Date	03/18/2019
Max Time	13:08:49
Min	0.002 mg/m ³
Min Date	03/18/2019
Min Time	08:22:49
TWA (8 hr)	0.010
TWA Start Date	03/18/2019
TWA Start Time	06:17:49
TWA End Time	17:11:49

Elim Town Homes

03-18-2019



DAILY FIELD SUMMARY FORM

DATE: 3/19/ 2019

FILE No. 21.0056884.00

REPORT No. 19-44

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 29°F Partly cloudy

Temp Range: 29 to 40 °F

Wind Speed: 5 mph

Wind Direction: SW

Time GZA Arrived on Site: 0720

Site Conditions: Frozen Ground → Mud

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Myrnyk
- GZA's Equipment On-Site: DUSTY 4
Mini RAE3000

Name of NYSDEC Representative(s) on Site: N/A

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone "scrapes" soil on areas of site road to remove mud rails.
- Viscone uses clean soil material to backfill excavated area south of Bldg A2
- Plumbing contractors continue to excavate areas in Bldg C footprint for water & sewer lines.
- Viscone uses clean stone to backfill footprint of Bldg A2.
- Viscone excavates areas to reach building grade elevation in between Bldg C + Bldg A2
- During CAMP monitoring exceedences were not observed.
- GZA periodically screened ambient air up/down wind of excavation areas, no elevated levels were observed → 0.0 ppm

Photos taken: Yes

Time GZA left Site: 1530

Prepared by: Pete Myrnyk

Reviewed by: Jim Richert

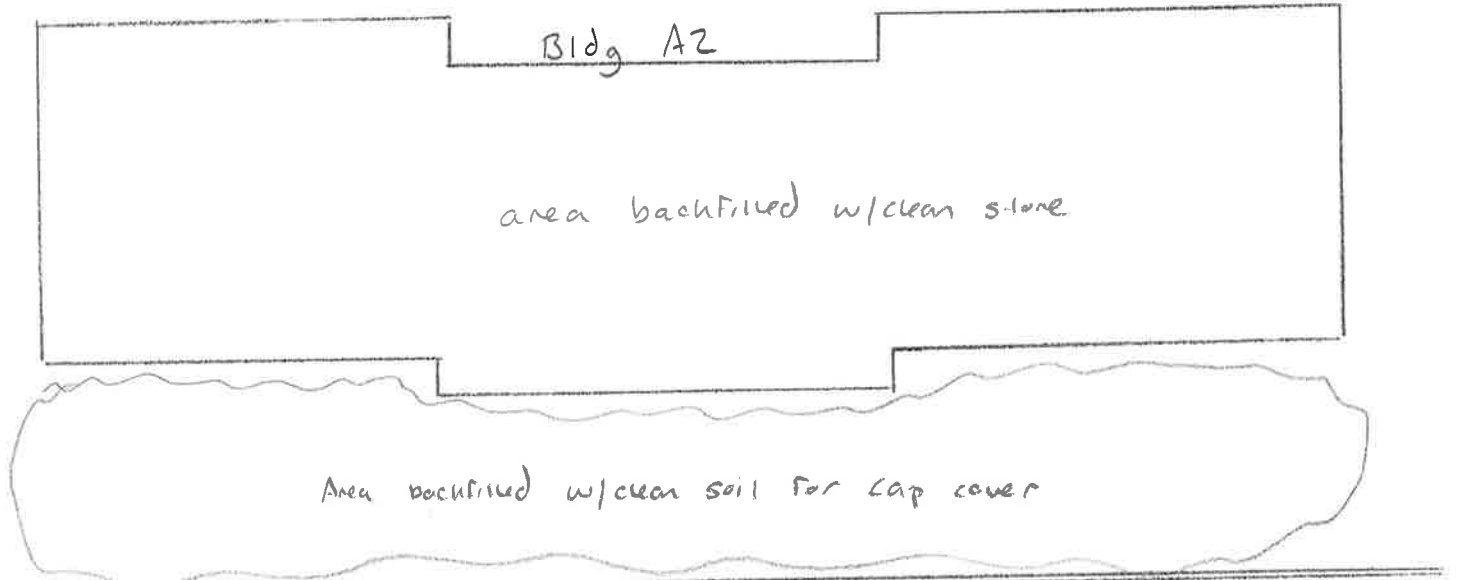
DAILY FIELD SUMMARY FORM

DATE: 3/19/2019

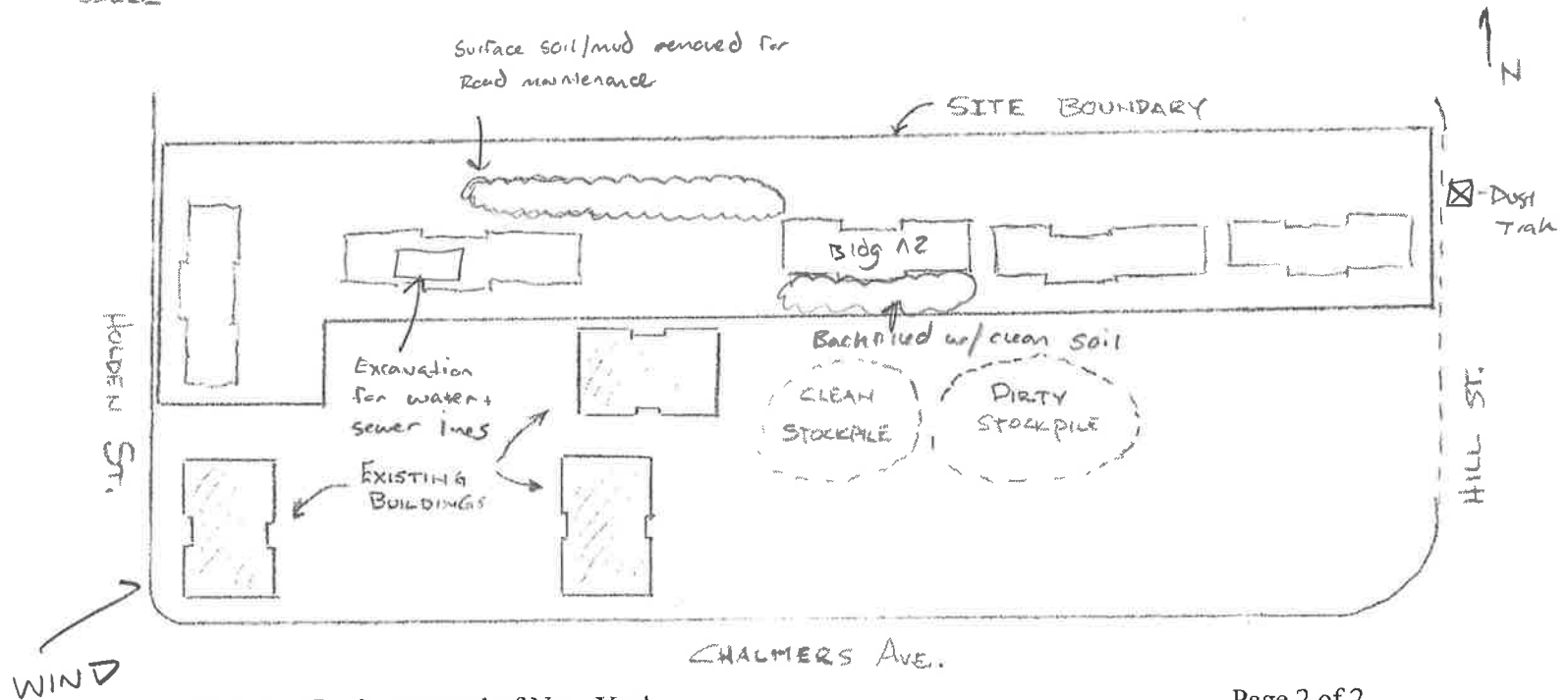
FILE No. 21.0056884.00

REPORT No. 19-44

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



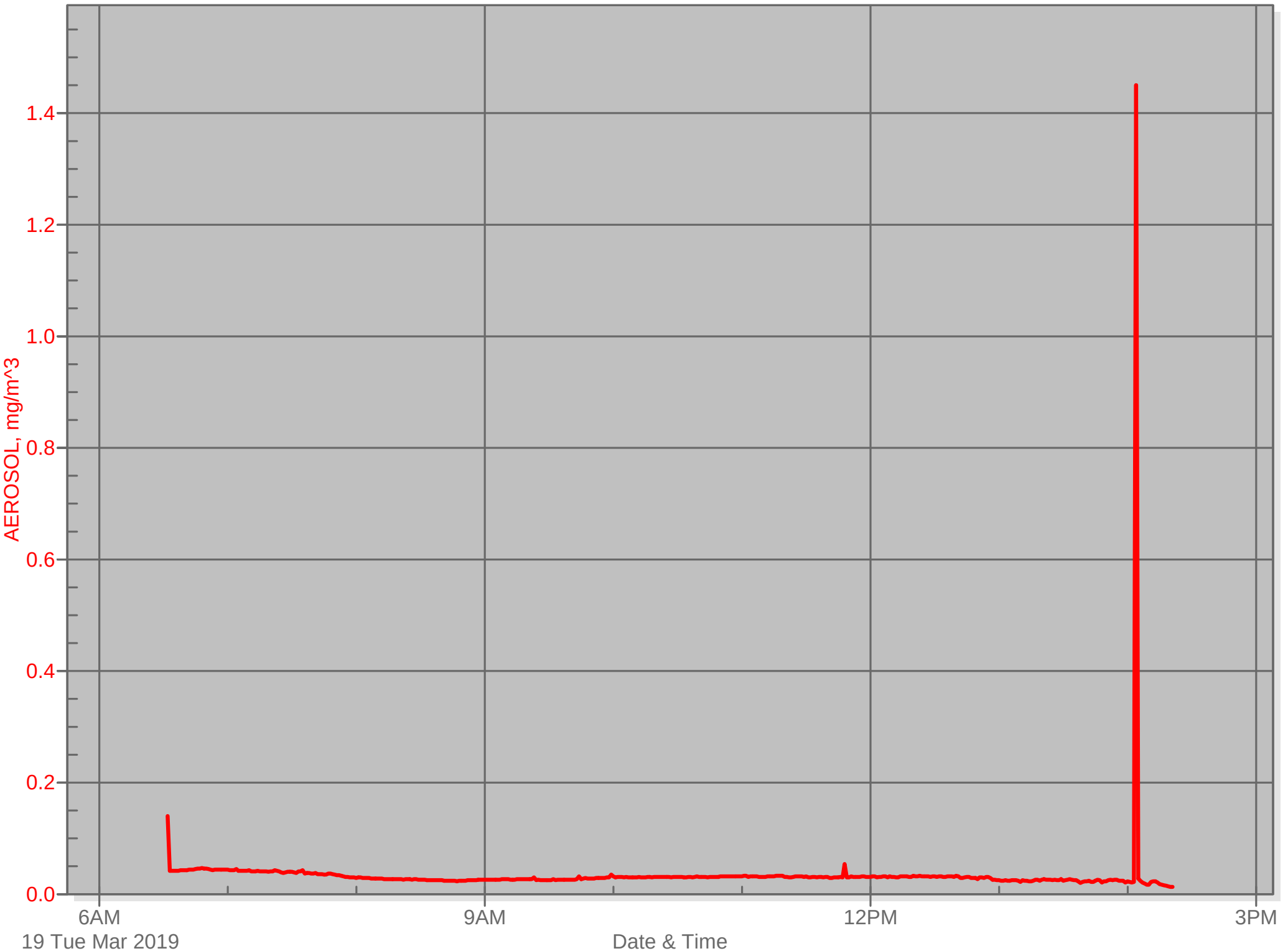
Test 050

Instrument		Data Properties	
Model	DustTrak II	Start Date	03/19/2019
Instrument S/N	8530162808	Start Time	06:30:56
		Stop Date	03/19/2019
		Stop Time	14:20:56
		Total Time	0:07:50:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.034 mg/m ³
Max	1.450 mg/m ³
Max Date	03/19/2019
Max Time	14:03:56
Min	0.013 mg/m ³
Min Date	03/19/2019
Min Time	14:19:56
TWA (8 hr)	0.033
TWA Start Date	03/19/2019
TWA Start Time	06:30:56
TWA End Time	14:20:56

Elim Town Homes

03-19-2019



DAILY FIELD SUMMARY FORM

DATE: 3/20/ 2019

FILE No. 21.0056884.00

REPORT No. 19-45

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 32°F Sunny

Temp Range: 32 to 49 °F
Wind Speed: 7 mph

Time GZA Arrived on Site: 0710

Wind Direction: S

Site Conditions: Frozen on Mud

Contractors on Site: Viscore

- GZA Personnel On-Site: Pete Nyznyk
- GZA's Equipment On-Site: Dusttrak
Min. RAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

NA

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscore excavated trench for sewer hookup to Bldg C
- Plumbing contractors excavated for water & sewer lines in Bldg C.
- During CAMP monitoring exceedences were not observed
- GZA periodically screened ambient air up/down wind of excavation areas w/ PID and no elevated levels were observed → 0.0 ppm.

Photos taken: No

Time GZA left Site: 1545

Prepared by: Pete Nyznyk

Reviewed by:

Jim Richert

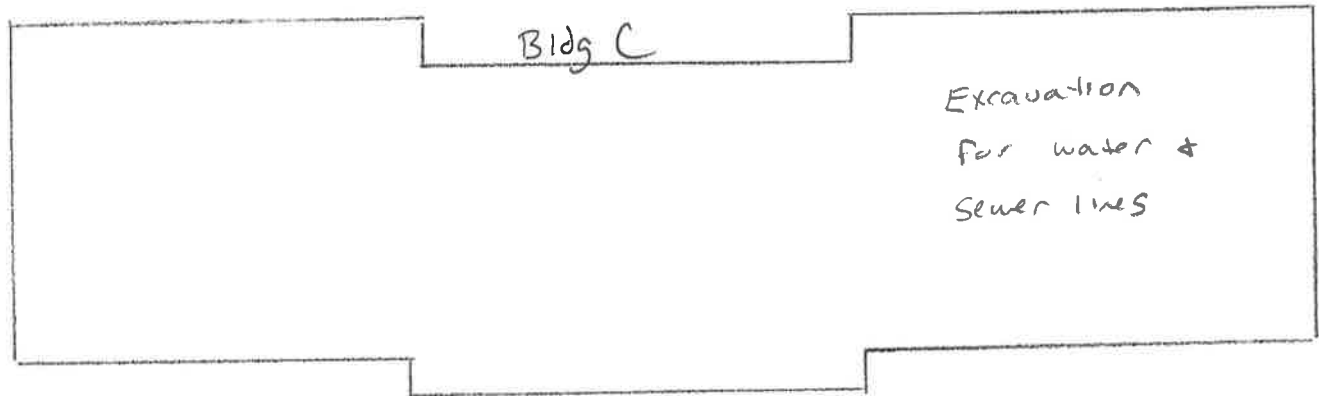
DAILY FIELD SUMMARY FORM

DATE: 3/20/ 2019

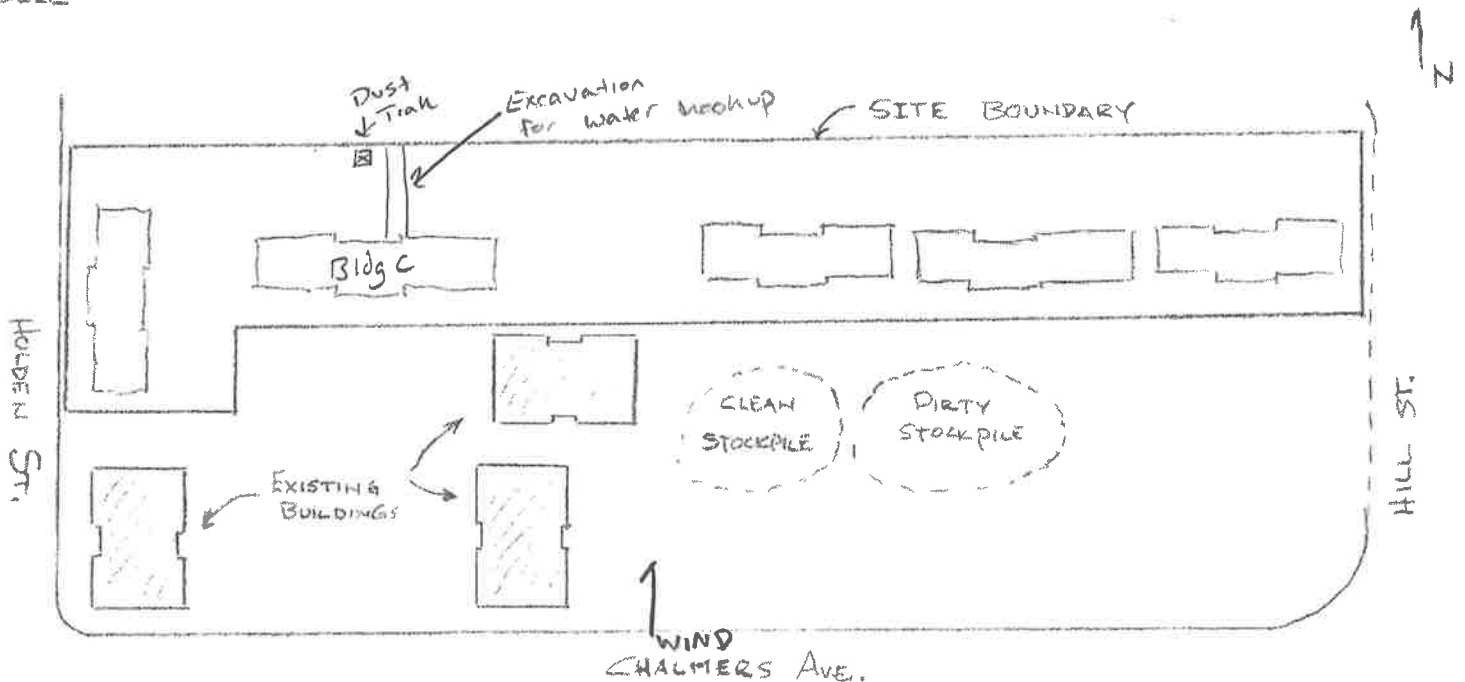
FILE No. 21.0056884.00

REPORT No. 19-45

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



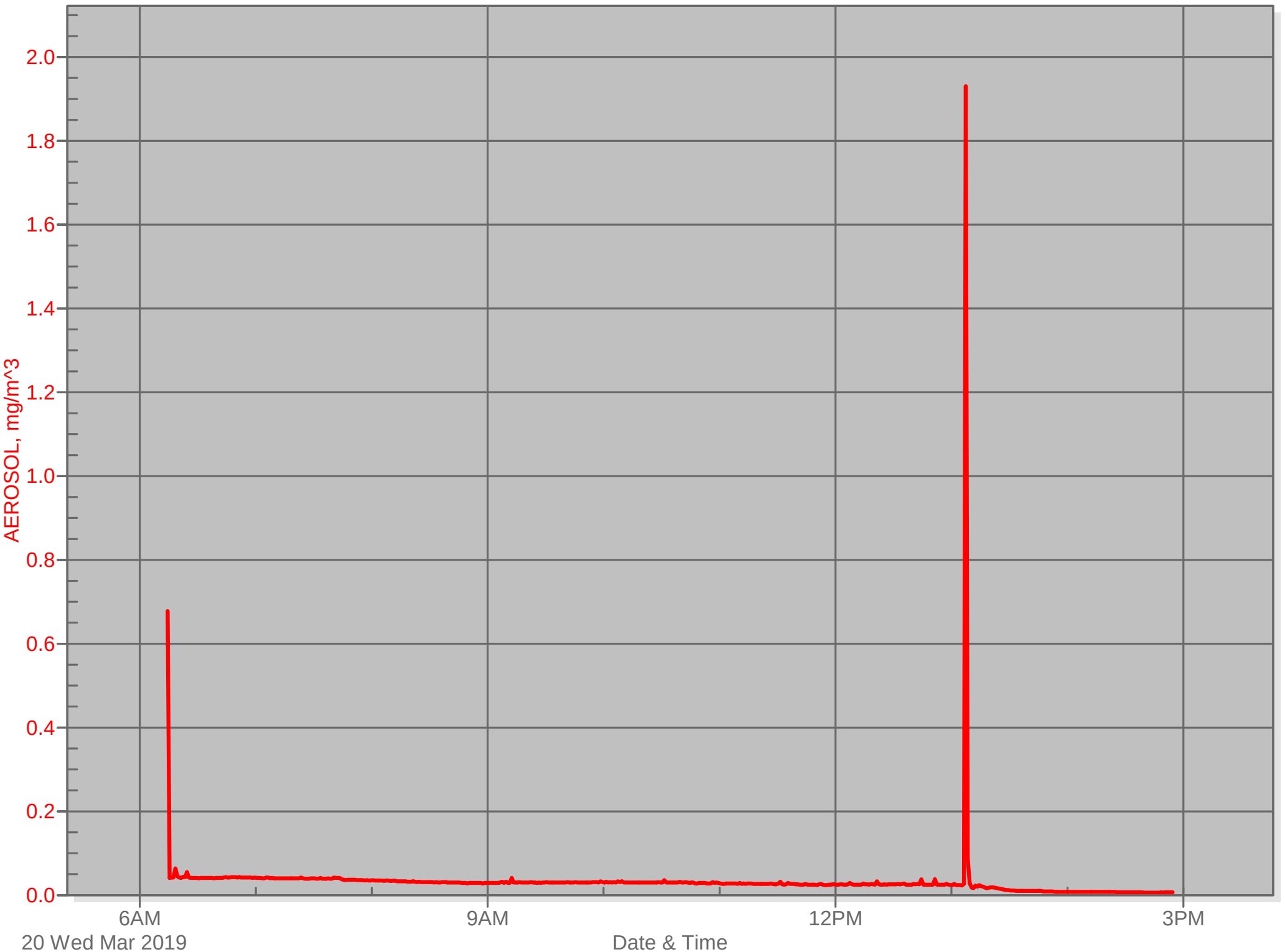
Test 051

Instrument		Data Properties	
Model	DustTrak II	Start Date	03/20/2019
Instrument S/N	8530162808	Start Time	06:13:25
		Stop Date	03/20/2019
		Stop Time	14:54:25
		Total Time	0:08:41:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.032 mg/m ³
Max	1.930 mg/m ³
Max Date	03/20/2019
Max Time	13:07:25
Min	0.006 mg/m ³
Min Date	03/20/2019
Min Time	14:39:25
TWA (8 hr)	0.035
TWA Start Date	03/20/2019
TWA Start Time	06:13:25
TWA End Time	14:54:25

Elim Town Homes

03-20-2019



DAILY FIELD SUMMARY FORM

DATE: 3/21/ 2019

FILE No. 21.0056884.00

REPORT No. 19-46

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 39°F RAIN

Temp Range: 39 to 47 °F

Wind Speed: 8 mph

Wind Direction: E

Time GZA Arrived on Site: 0716

Site Conditions: Muddy

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyzynk
- GZA's Equipment On-Site: DustTrak
Mini RAE 3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure: N/A

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Plumbing contractors continue to excavate in Bldg C for water + sewer lines.
- Due to rain conditions DustTrak was not set up until 8:10.
- Viscone backfills excavation trench for sewer line to Bldg C w/clean stone.
- During CAMP monitoring exceedences were not observed.
- GZA periodically screened ambient air up/down wind of excavation area w/PID and no elevated levels were observed.
- Plumbing contractor backfill water-sewer excavation trenches in Bldg C w/clean stone.
- Viscone excavates piers south of Bldg A w/Auger mounted on skid steer.

Photos taken: Yes

Time GZA left Site: 1600

Prepared by: Pete Nyzynk

Reviewed by: Jim Ruckert

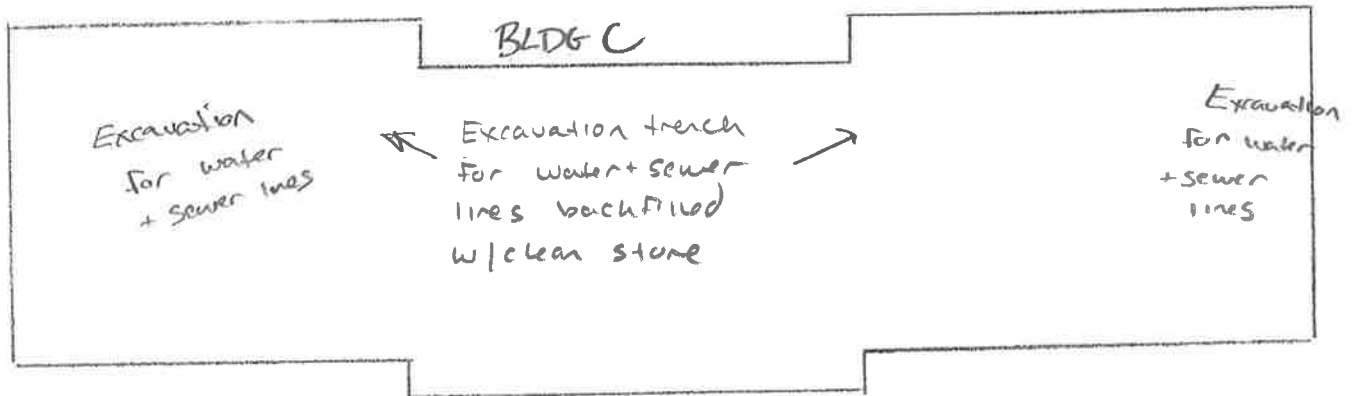
DAILY FIELD SUMMARY FORM

DATE: 3/21/2019

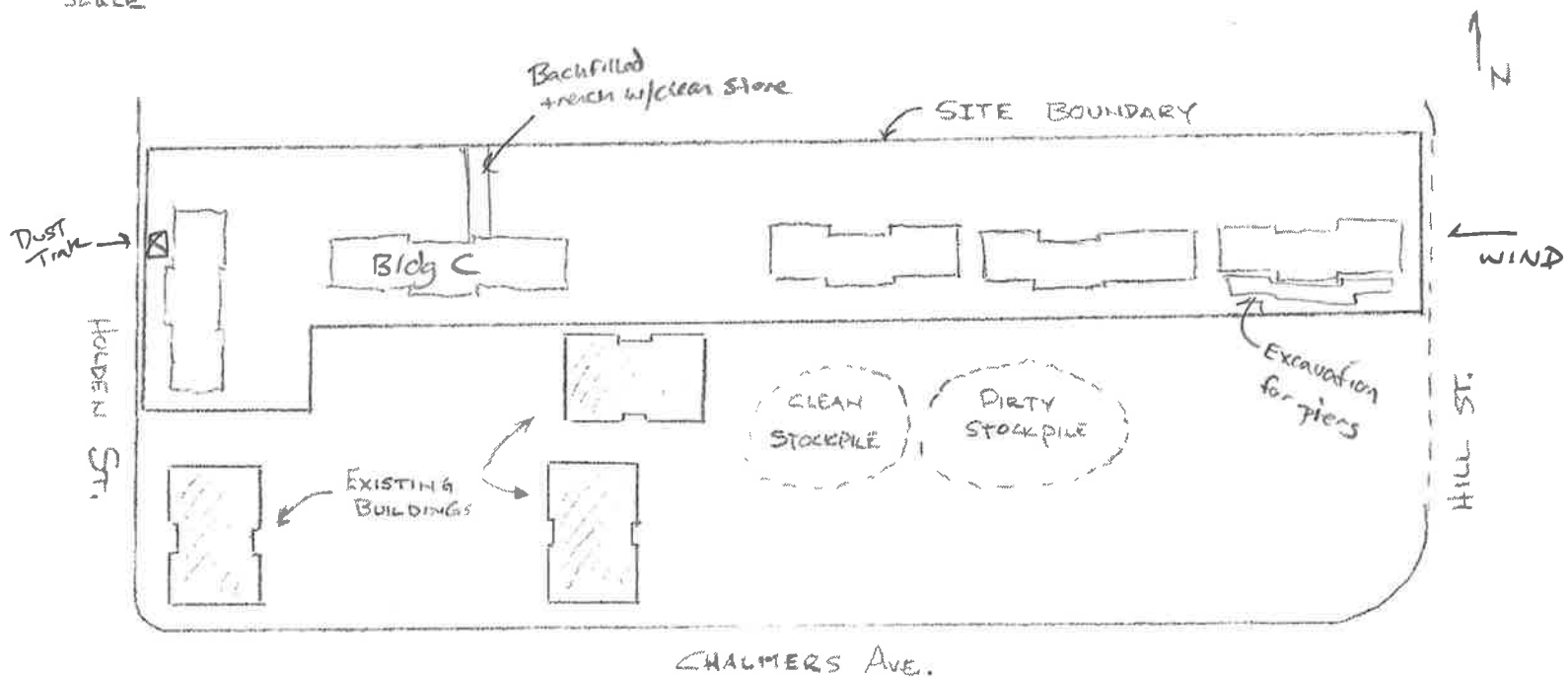
FILE No. 21.0056884.00

REPORT No. 19-46

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



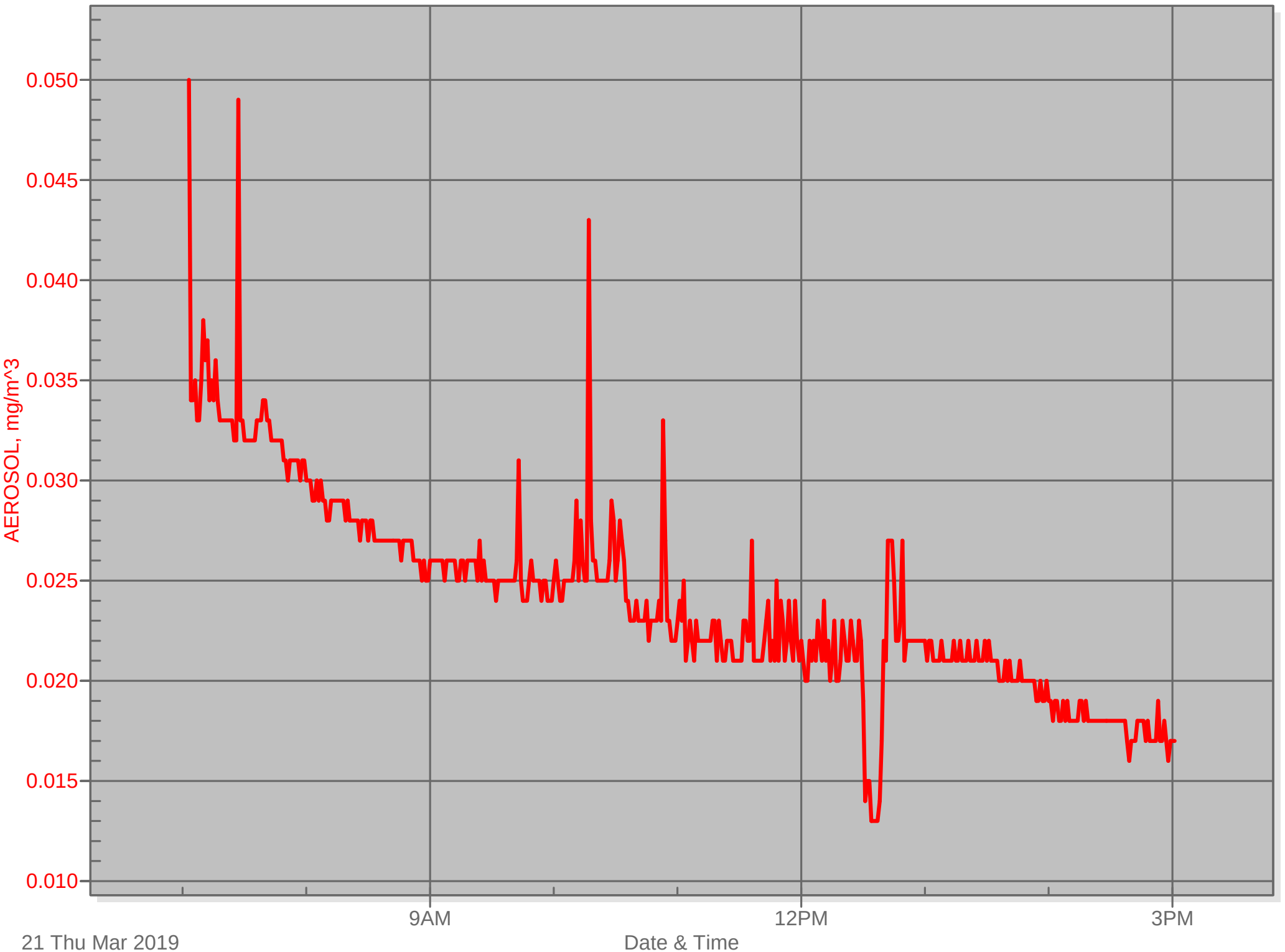
Test 052

Instrument		Data Properties	
Model	DustTrak II	Start Date	03/21/2019
Instrument S/N	8530162808	Start Time	07:02:03
		Stop Date	03/21/2019
		Stop Time	15:01:03
		Total Time	0:07:59:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.024 mg/m ³
Max	0.050 mg/m ³
Max Date	03/21/2019
Max Time	07:03:03
Min	0.013 mg/m ³
Min Date	03/21/2019
Min Time	12:34:03
TWA (8 hr)	0.024
TWA Start Date	03/21/2019
TWA Start Time	07:02:03
TWA End Time	15:01:03

Elim Town Homes

03-21-2019



DAILY FIELD SUMMARY FORM

DATE: 3/22/ 2019

FILE No. 21.0056884.00

REPORT No. 19-47

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 30°F cloudy

Temp Range: 30 to 33 °F

Wind Speed: 5 mph

Wind Direction: W

Time GZA Arrived on Site: 0705

Site Conditions: Muddy

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyzynk
- GZA's Equipment On-Site: Dustriak
Mini RAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

N/A

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone backfills piers w/ clean stone south of Bldg A
- Viscone preps staging area for excavated dirty soil by placing poly on ground and weighting it down
- During CAMP monitoring no exceedances were observed

Photos taken: Y/S

Time GZA left Site: 1010

Prepared by: Pete Nyzynk

Reviewed by: Jim Richert

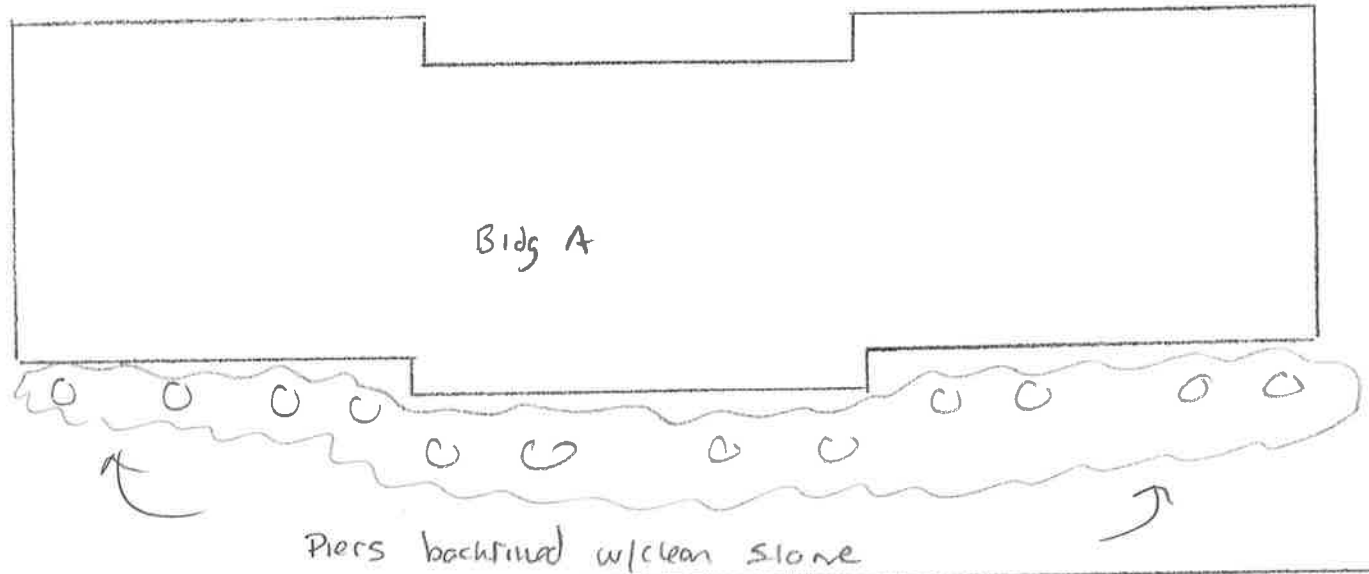
DAILY FIELD SUMMARY FORM

DATE: 3/22/2019

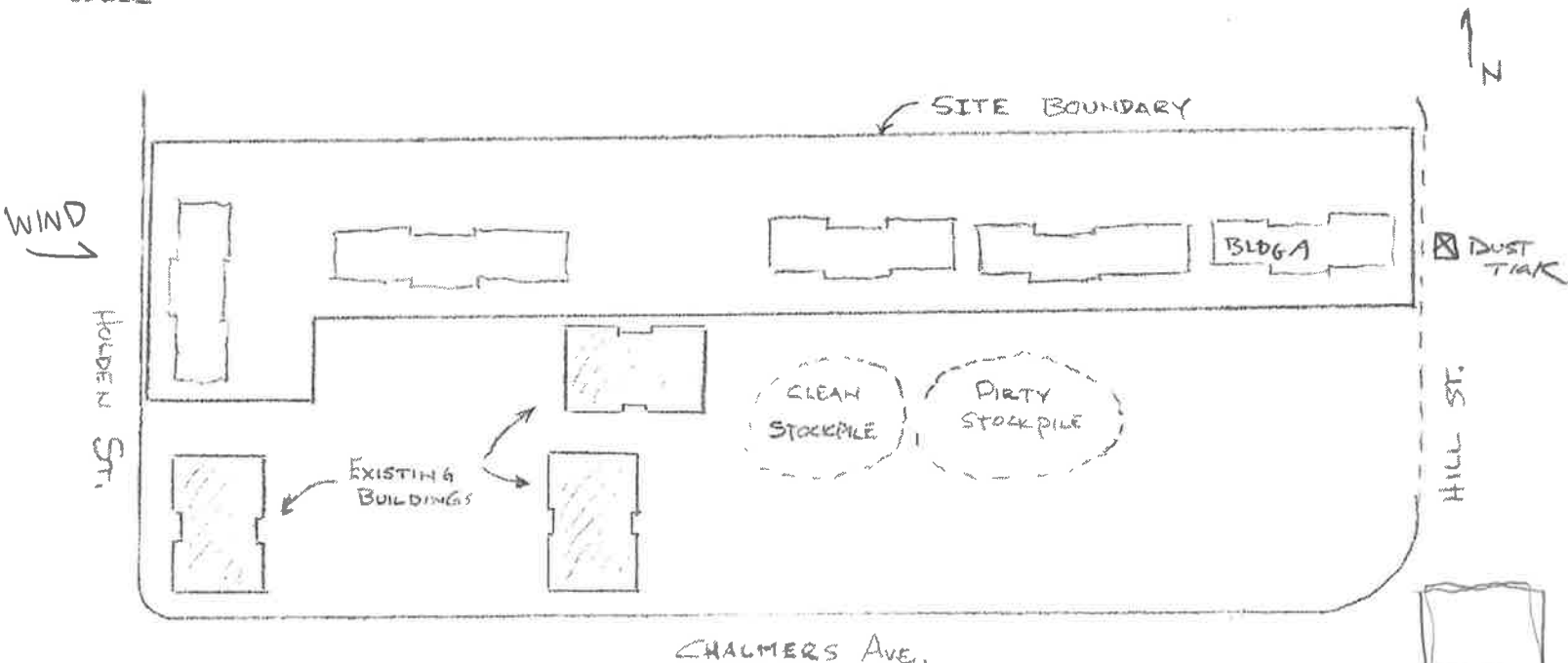
FILE No. 21.0056884.00

REPORT No. 19-47

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



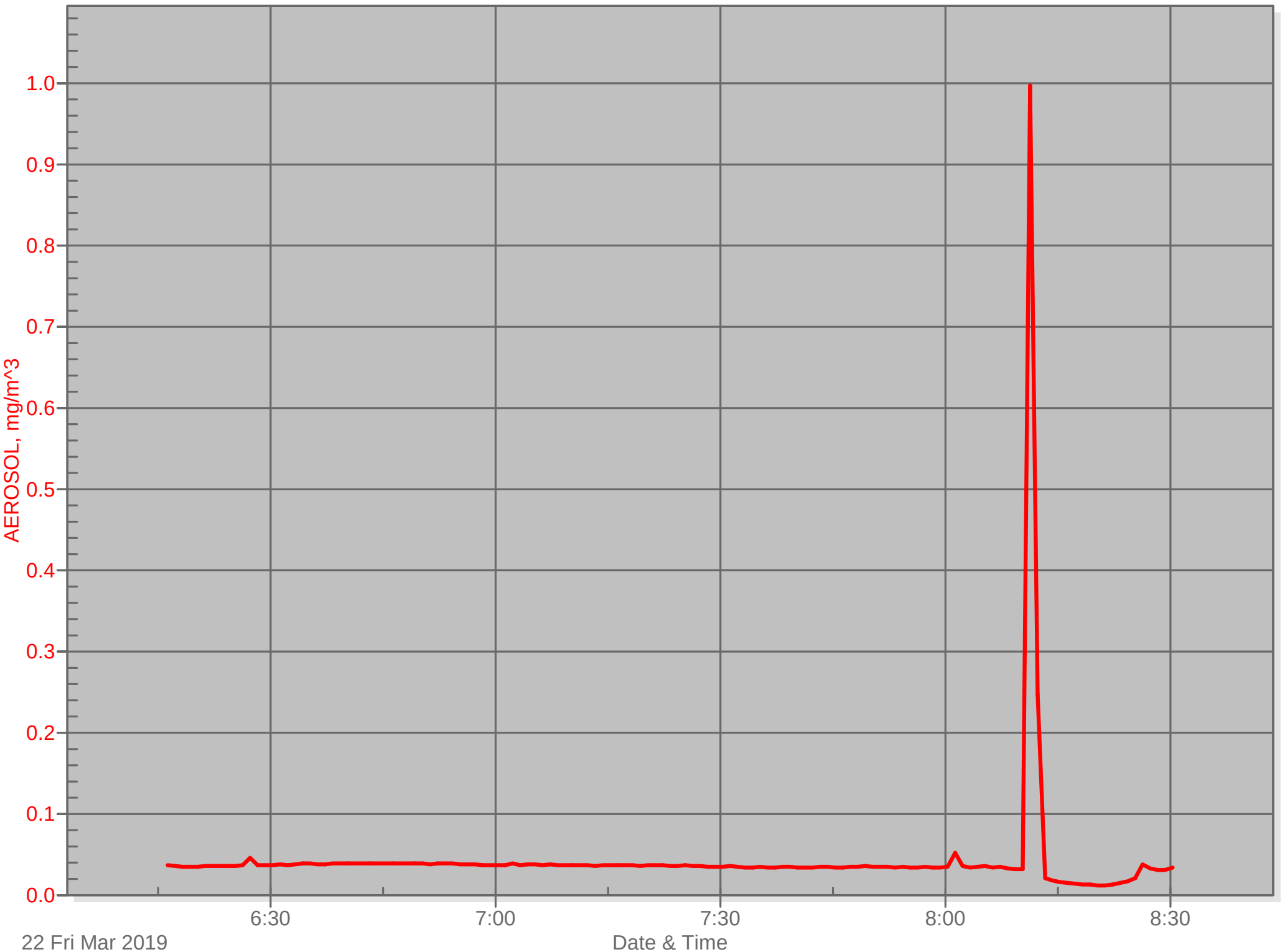
Test 053

Instrument		Data Properties	
Model	DustTrak II	Start Date	03/22/2019
Instrument S/N	8530162808	Start Time	06:15:17
		Stop Date	03/22/2019
		Stop Time	08:30:17
		Total Time	0:02:15:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.043 mg/m ³
Max	0.997 mg/m ³
Max Date	03/22/2019
Max Time	08:11:17
Min	0.012 mg/m ³
Min Date	03/22/2019
Min Time	08:20:17
TWA (8 hr)	0.012
TWA Start Date	03/22/2019
TWA Start Time	06:15:17
TWA End Time	08:30:17

Elim Town Homes

03-22-2019



DAILY FIELD SUMMARY FORM

DATE: 3/25/2019

FILE No. 21.0056884.00

REPORT No. 19-78

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 29°F Sunny

Temp Range: 29 to 36 °F

Wind Speed: 11 mph

Wind Direction: W

Time GZA Arrived on Site: 0710

Site Conditions: Frozen Ground -

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyznyk
- GZA's Equipment On-Site: Dusttrak
MiniRAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure: N/A

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone begins to excavate for the foundation footers for Bldg A2
- Plumbing contracting continue to excavate trenches in Bldg C for water/sewer lines.
- During CAMP monitoring excursions were not observed
- GZA periodically screened ambient air up/down wind of excavation areas w/ PID and no elevated levels were observed → 0.0ppm

Photos taken: Yes

Time GZA left Site: 1535

Prepared by: Pete Nyznyk

Reviewed by: Jim Richert

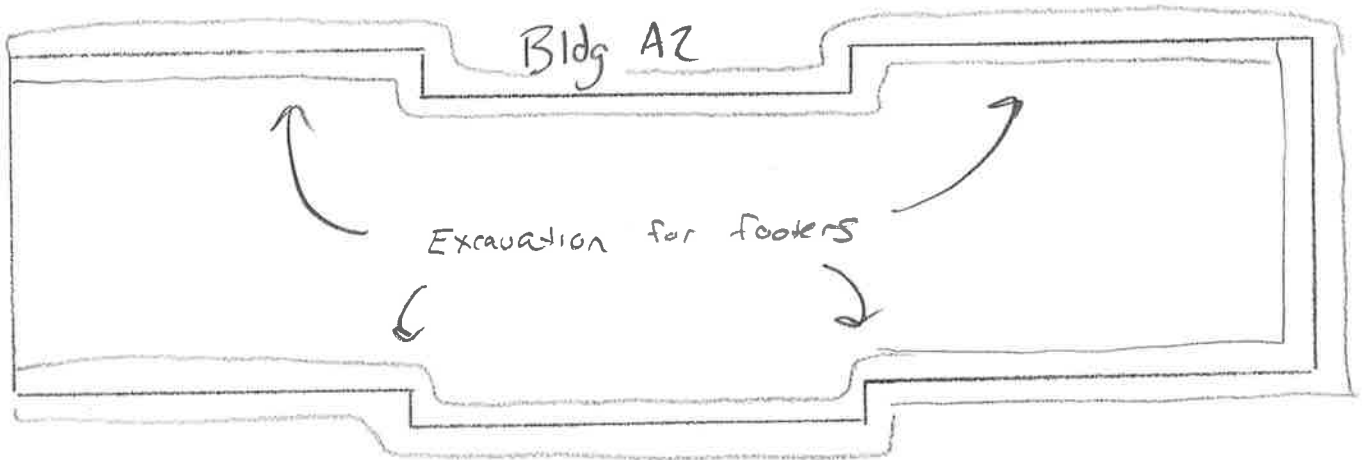
DAILY FIELD SUMMARY FORM

DATE: 3/25/ 2019

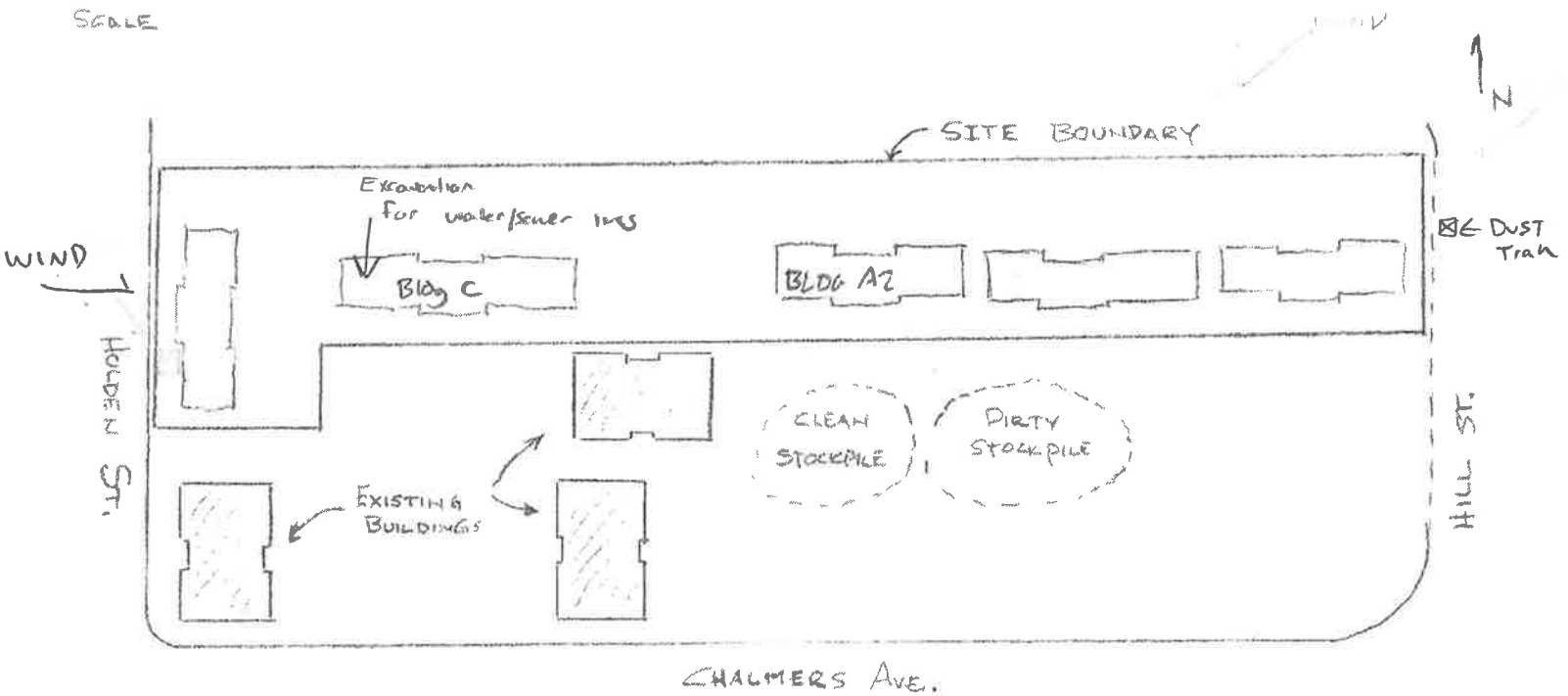
FILE No. 21.0056884.00

REPORT No. 19-~~58~~

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



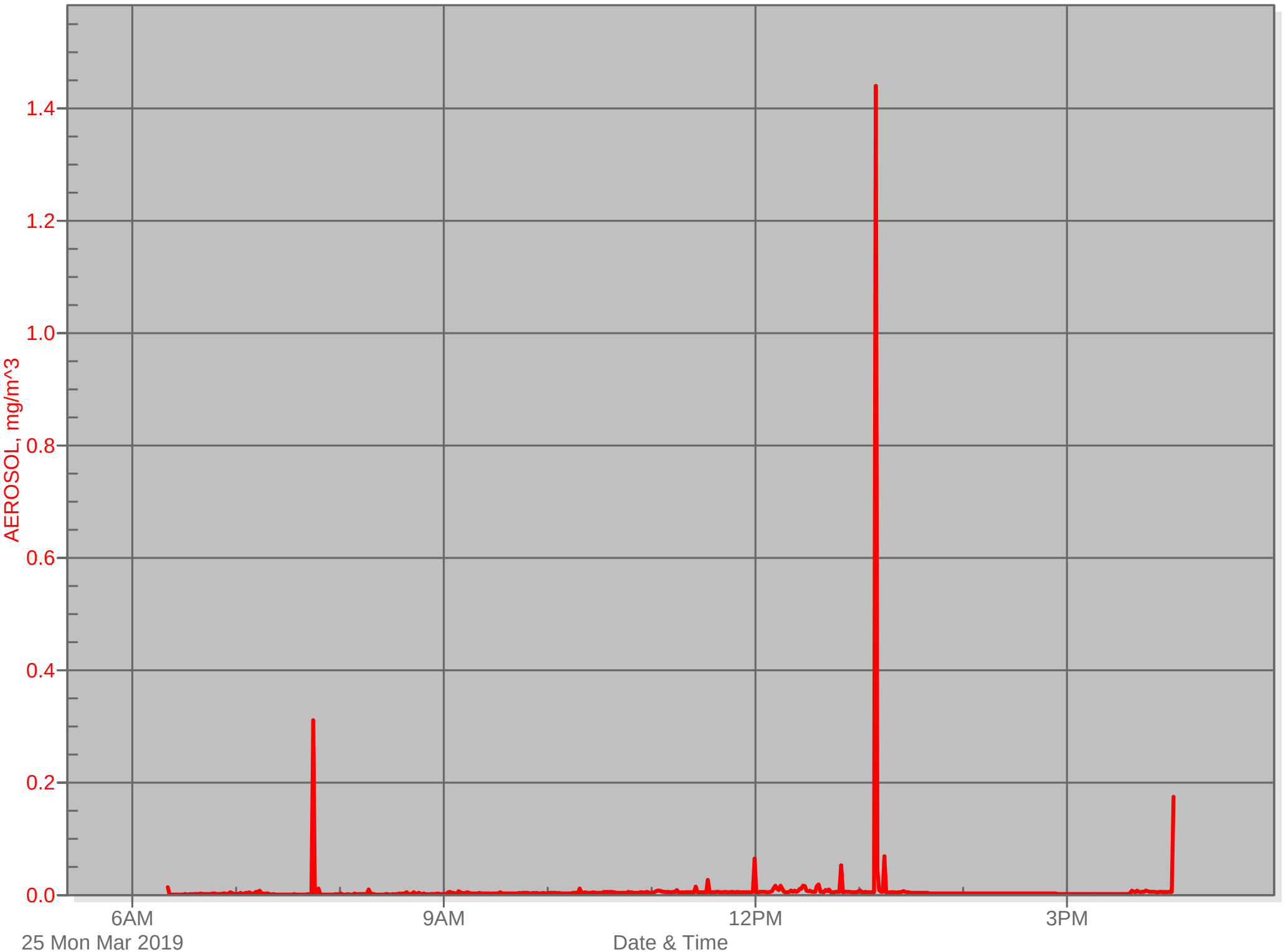
Test 054

Instrument		Data Properties	
Model	DustTrak II	Start Date	03/25/2019
Instrument S/N	8530162808	Start Time	06:19:33
		Stop Date	03/25/2019
		Stop Time	16:01:33
		Total Time	0:09:42:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.008 mg/m ³
Max	1.440 mg/m ³
Max Date	03/25/2019
Max Time	13:09:33
Min	0.001 mg/m ³
Min Date	03/25/2019
Min Time	06:21:33
TWA (8 hr)	0.008
TWA Start Date	03/25/2019
TWA Start Time	06:19:33
TWA End Time	16:01:33

Elim Town Homes

03-25-2019



DAILY FIELD SUMMARY FORM

DATE: 3/26/ 2019

FILE No. 21.0056884.00

REPORT No. 19-49

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 27°F Sunny

Temp Range: 27 to 39 °F

Wind Speed: 3 mph

Wind Direction: W

Time GZA Arrived on Site: 0710

Site Conditions: Frozen Ground

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Murphy
- GZA's Equipment On-Site: Dusttrak
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)

- Plumbing contractors backfilled excavated areas of Bldg C w/clean stone
- During CAMP monitoring exceedences were not observed.
- Due to no excavation work GZA did not screen air/PID.

Photos taken: NO

Time GZA left Site: 1230

Prepared by: Pete Murphy

Reviewed by: Jim Rickett

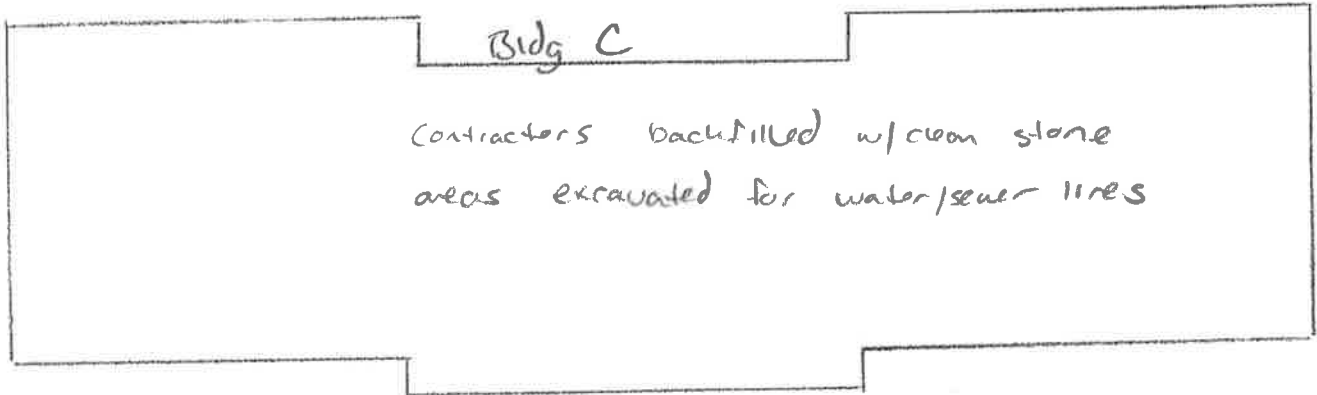
DAILY FIELD SUMMARY FORM

DATE: 3/26/ 2019

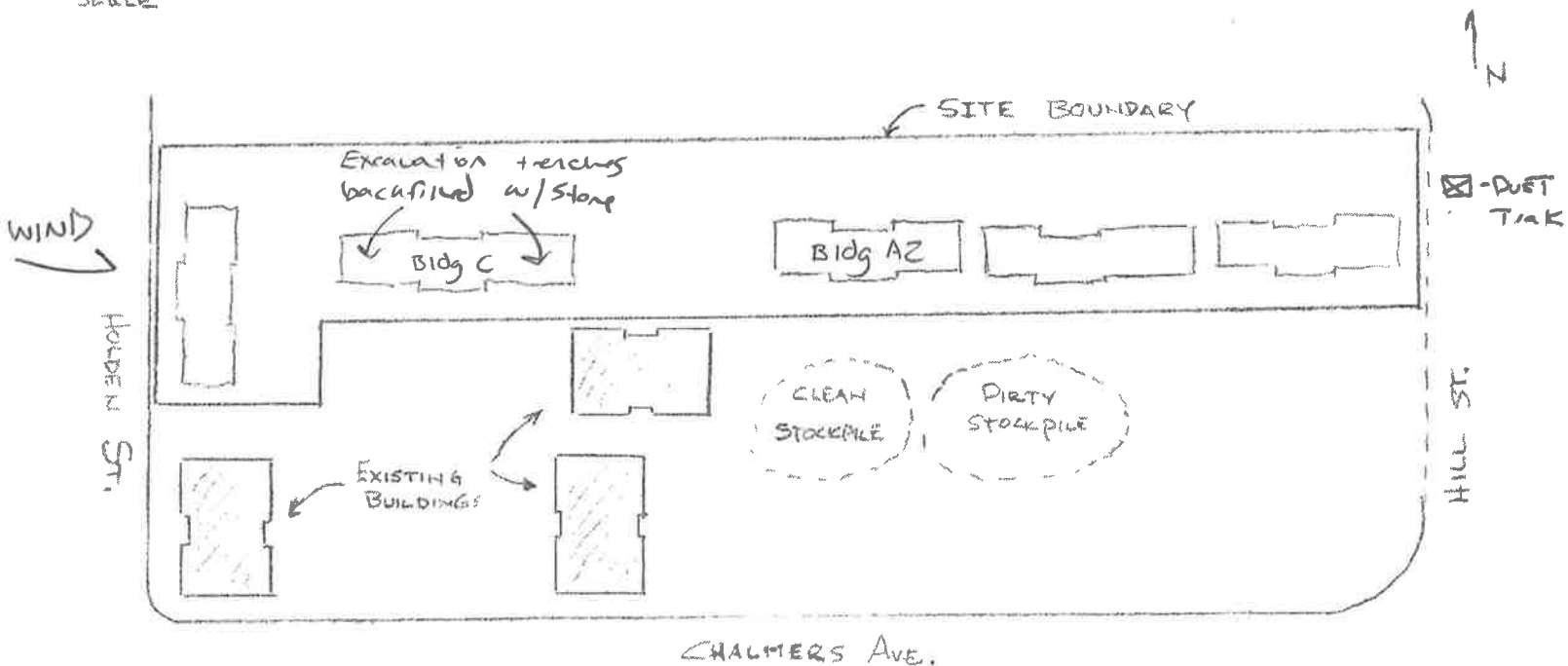
FILE No. 21.0056884.00

REPORT No. 19-49

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



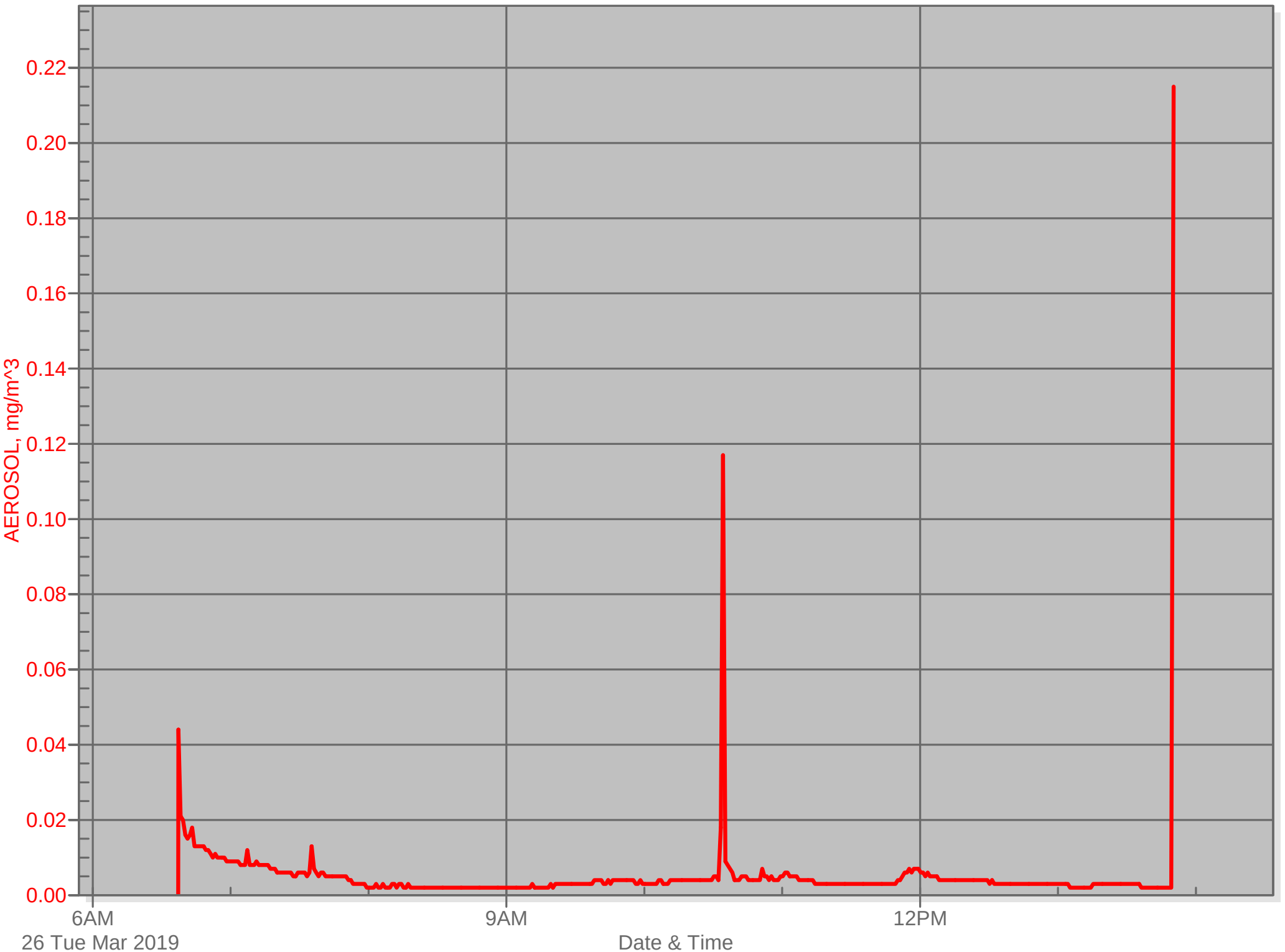
Test 055

Instrument		Data Properties	
Model	DustTrak II	Start Date	03/26/2019
Instrument S/N	8530162808	Start Time	06:36:17
		Stop Date	03/26/2019
		Stop Time	13:51:17
		Total Time	0:07:14:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.005 mg/m ³
Max	0.215 mg/m ³
Max Date	03/26/2019
Max Time	13:50:17
Min	0.000 mg/m ³
Min Date	03/26/2019
Min Time	06:37:14
TWA (8 hr)	0.005
TWA Start Date	03/26/2019
TWA Start Time	06:36:17
TWA End Time	13:51:17

Elim Town Homes

03-26-2019



DAILY FIELD SUMMARY FORM

DATE: 3/27/ 2019

FILE No. 21.0056884.00

REPORT No. 19-50

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 27°F Partly cloudy

Temp Range: 27° to 47° °F

Wind Speed: 4 mph

Wind Direction: SE

Time GZA Arrived on Site: 0710

Site Conditions: Dry / Frozen

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Murphy
- GZA's Equipment On-Site: Dusttrak
MiniRAE 3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

N/A

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone finishes excavation for foundation footers on Bldg A2
- Plumbing contractor continues to excavate areas of Bldg C for water / sewer lines
- Plumbing contractor use walk behind tamper to compact areas inside Bldg C
- Viscone excavates for concrete piers on south side of Bldg B
- During CAMP monitoring exceedences were not observed
- GZA periodically screen ambient air up/down wind of excavation areas no elevated levels were observed → 0.0ppm

Photos taken: Yes

Time GZA left Site: 1635

Prepared by: Pete Murphy

Reviewed by: Jim Richart

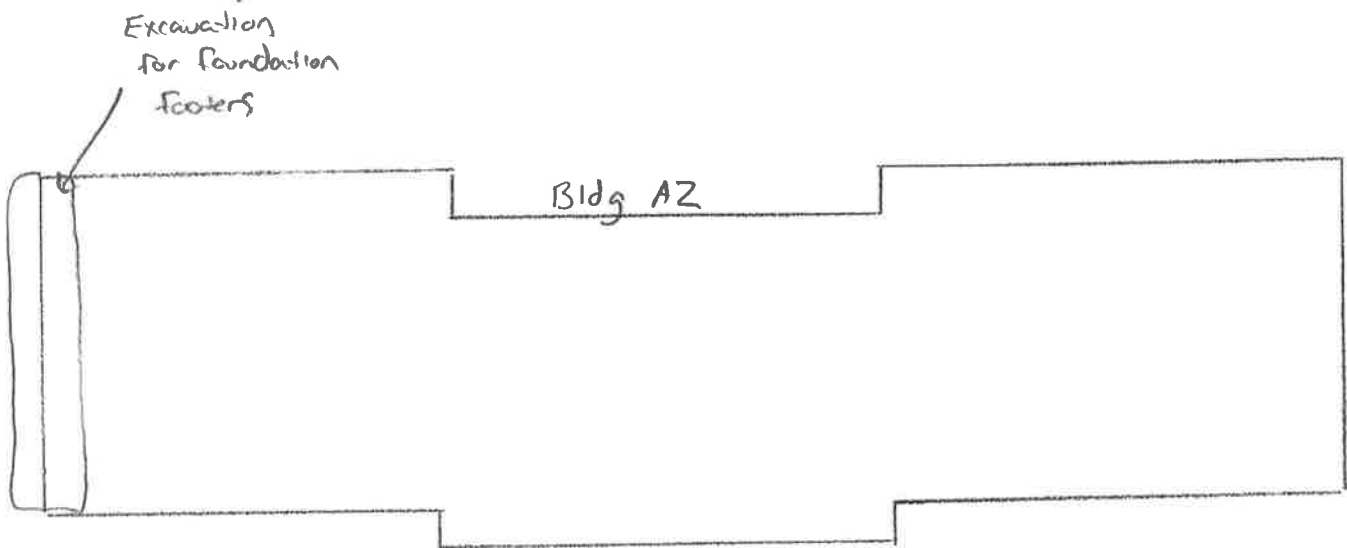
DAILY FIELD SUMMARY FORM

DATE: 3/27/2019

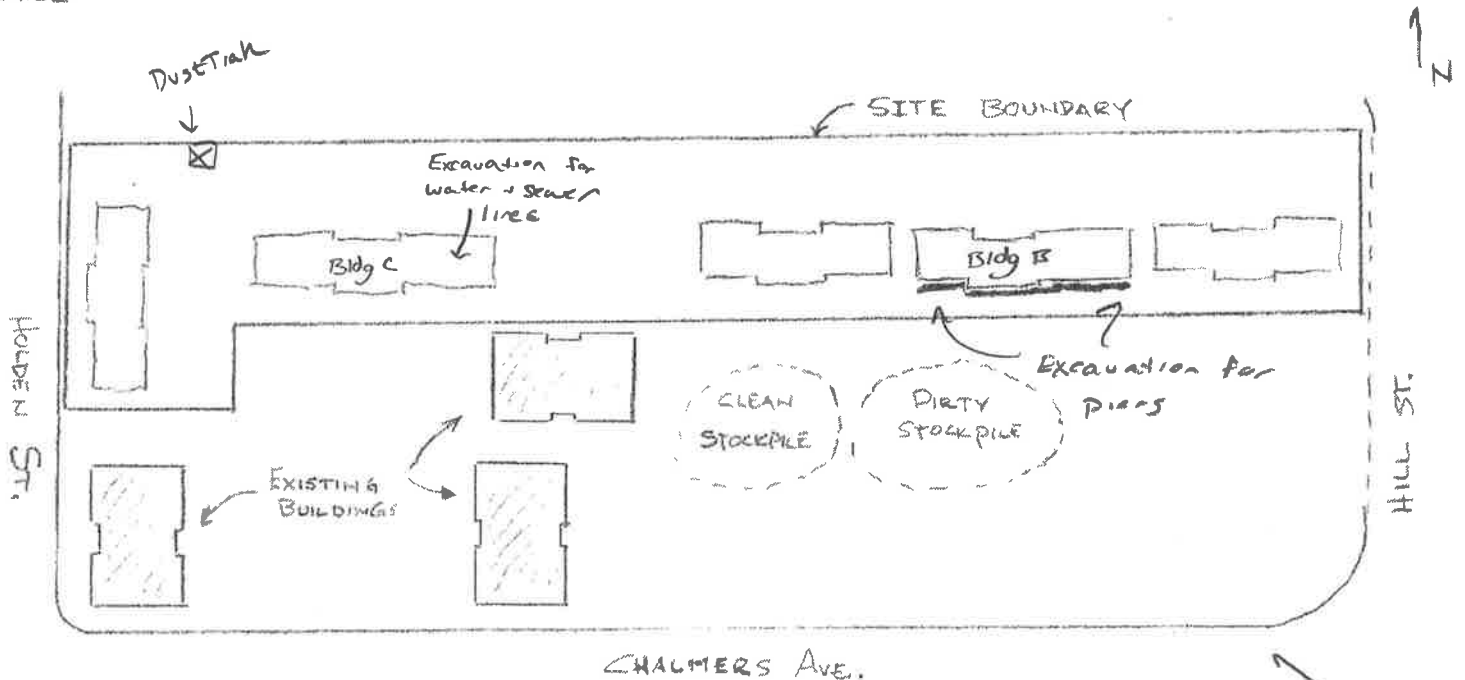
FILE No. 21.0056884.00

REPORT No. 19-50

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



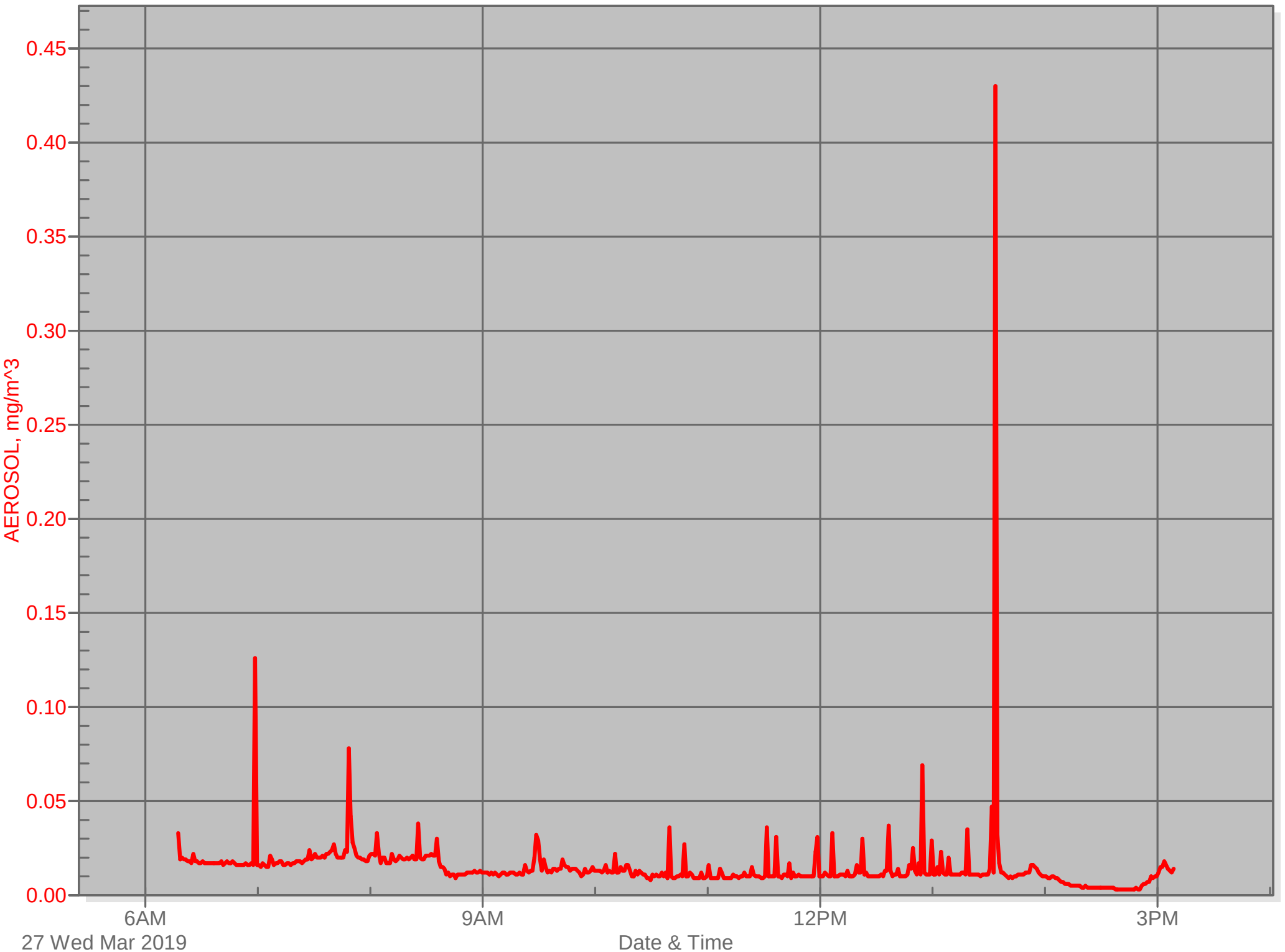
Test 056

Instrument		Data Properties	
Model	DustTrak II	Start Date	03/27/2019
Instrument S/N	8530162808	Start Time	06:16:34
		Stop Date	03/27/2019
		Stop Time	15:08:34
		Total Time	0:08:52:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.015 mg/m ³
Max	0.430 mg/m ³
Max Date	03/27/2019
Max Time	13:33:34
Min	0.003 mg/m ³
Min Date	03/27/2019
Min Time	14:37:34
TWA (8 hr)	0.016
TWA Start Date	03/27/2019
TWA Start Time	06:16:34
TWA End Time	15:08:34

Elim Town Homes

03-27-2019



DAILY FIELD SUMMARY FORM

DATE: 3/20/2019

FILE No. 21.0056884.00

REPORT No. 19-51

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 43°F cloudy

Temp Range: 43 to 48 °F

Wind Speed: 14 mph

Wind Direction: S-SE

Time GZA Arrived on Site: 0710

Site Conditions: Dry

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nymph
- GZA's Equipment On-Site: Dusttrak
MiniRAE3000

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)

- Viscone installs concrete piers on south side of Bldg B + A2
↳ clean stone is used to backfill around piers
- Viscone grades surface along north side of Bldg C → some surface soil was excavated, direct loaded onto truck and staged as clean soil.
↳ area graded for easier access for concrete truck
- During CAMP monitoring, exceedance were not observed.
- GZA periodically screened excavation areas w/PID no elevated levels were observed → 0.0 ppm

Photos taken: yes

Time GZA left Site: 1630

Prepared by: Pete Nymph

Reviewed by: Jim DeKort

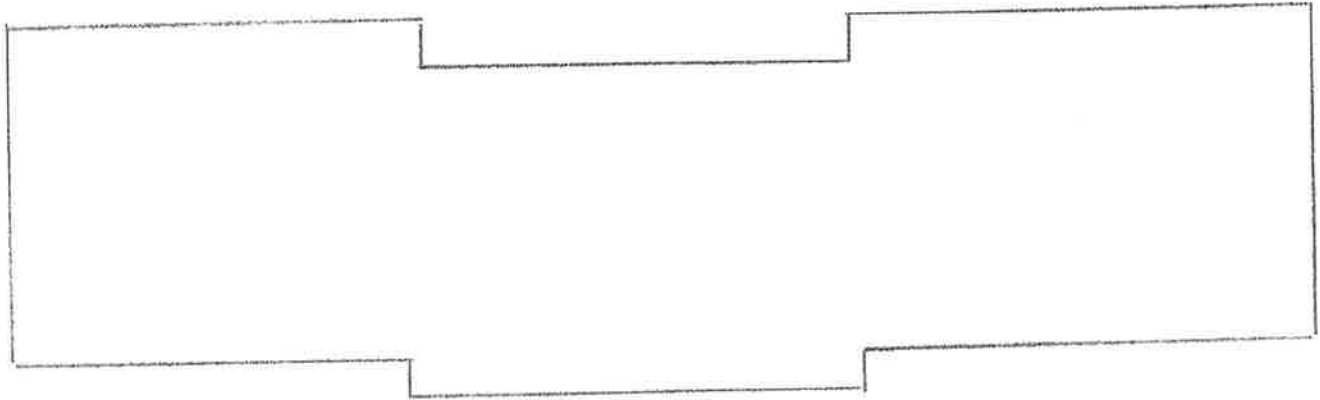
DAILY FIELD SUMMARY FORM

DATE: 3/28/2019

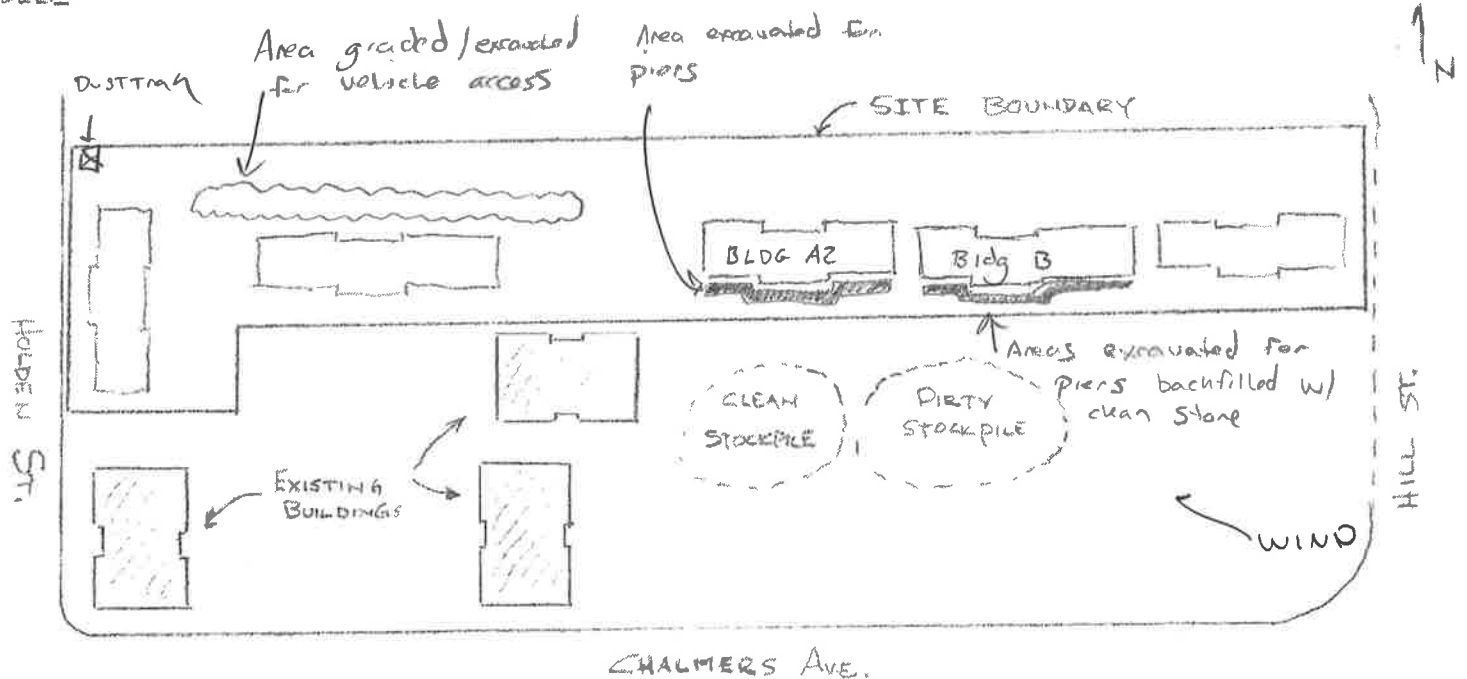
FILE No. 21.0056884.00

REPORT No. 19-51

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



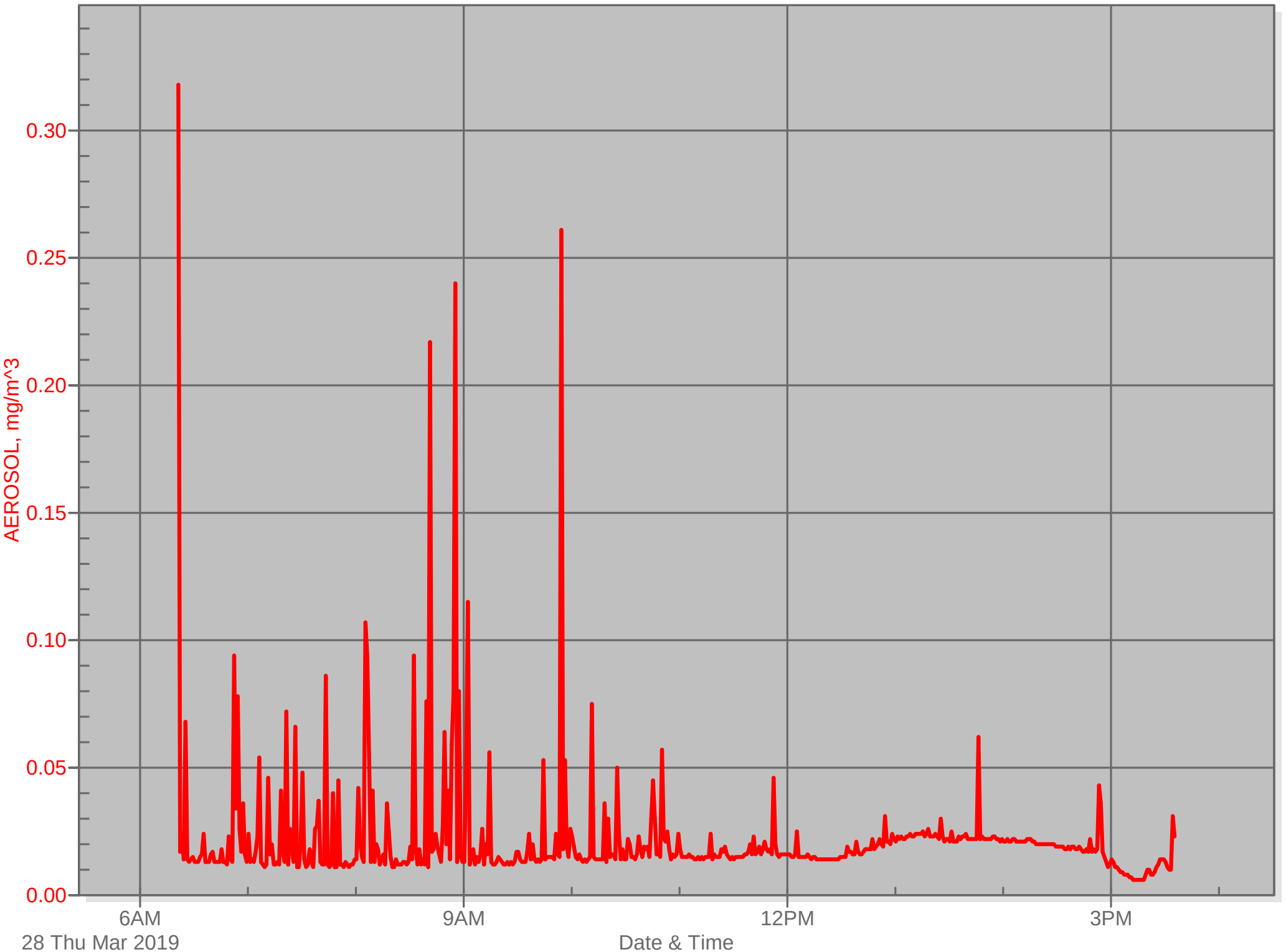
Test 057

Instrument		Data Properties	
Model	DustTrak II	Start Date	03/28/2019
Instrument S/N	8530162808	Start Time	06:20:18
		Stop Date	03/28/2019
		Stop Time	15:35:18
		Total Time	0:09:15:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.022 mg/m ³
Max	0.318 mg/m ³
Max Date	03/28/2019
Max Time	06:21:18
Min	0.006 mg/m ³
Min Date	03/28/2019
Min Time	15:12:18
TWA (8 hr)	0.023
TWA Start Date	03/28/2019
TWA Start Time	06:20:18
TWA End Time	15:35:18

Elim Town Homes

03-28-2019



DAILY FIELD SUMMARY FORM

DATE: 4/11 2019

FILE No. 21.0056884.00

REPORT No. 19-52

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 23°F Sunny

Temp Range: 23° to 34° °F

Wind Speed: 10 mph

Wind Direction: W

Time GZA Arrived on Site: 0715

Site Conditions: Frozen, snow cover

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyrenyh
- GZA's Equipment On-Site: DUSTRAK
Mini RAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

N/A

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone uses clean stone to backfill around Bldg A2 foundation
- Viscone grades/excavates soil in area between Bldg A2 & Bldg C.
↳ soil was direct loaded and staged south of site.
- Viscone uses clean stone to backfill excavation trench inside Bldg A2.
- Viscone uses clean stone to get to grade inside Bldg A2 to prepare for excavation of water/sewer lines
- Viscone uses a tamper to compact stone inside Bldg A2 footprint
- During CAMP monitoring exceedences were not observed
- GZA periodically sampled excavation area w/ PID no elevated levels were observed → 0.0 ppm

Photos taken: Yes

Time GZA left Site: 1520

Prepared by: Pete Nyrenyh

Reviewed by: Jim Richard

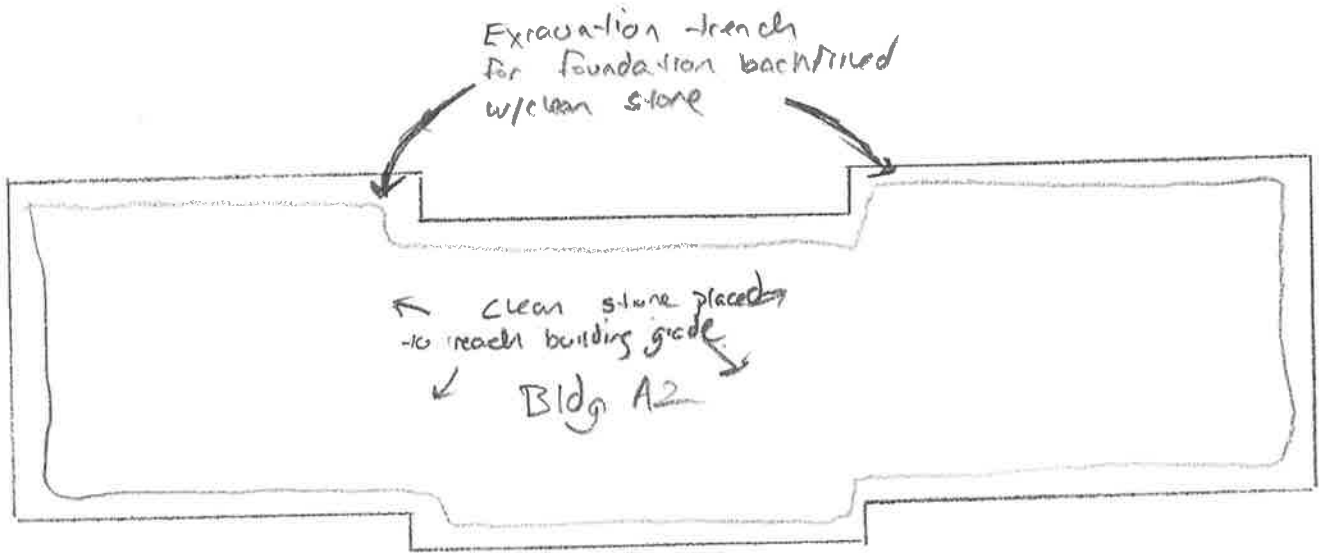
DAILY FIELD SUMMARY FORM

DATE: 4/11/2019

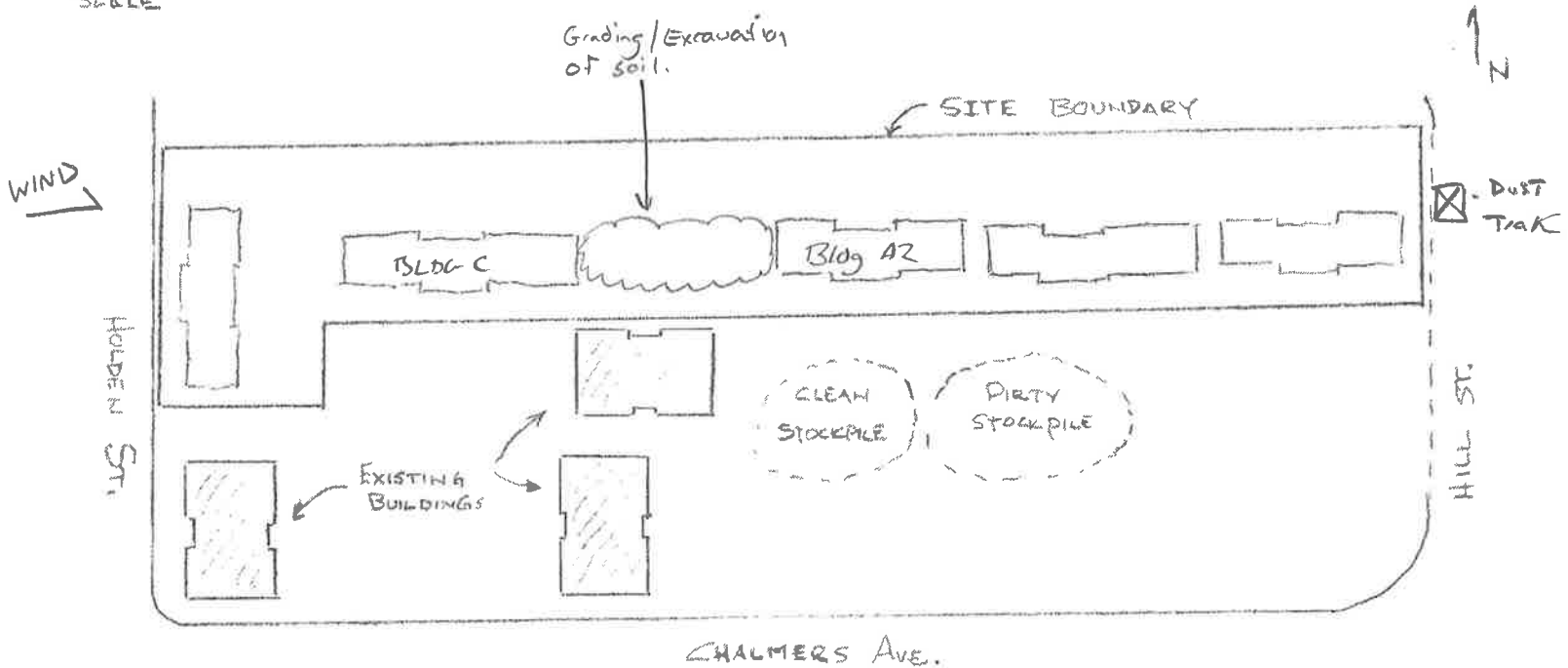
FILE No. 21.0056884.00

REPORT No. 19-52

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO SCALE



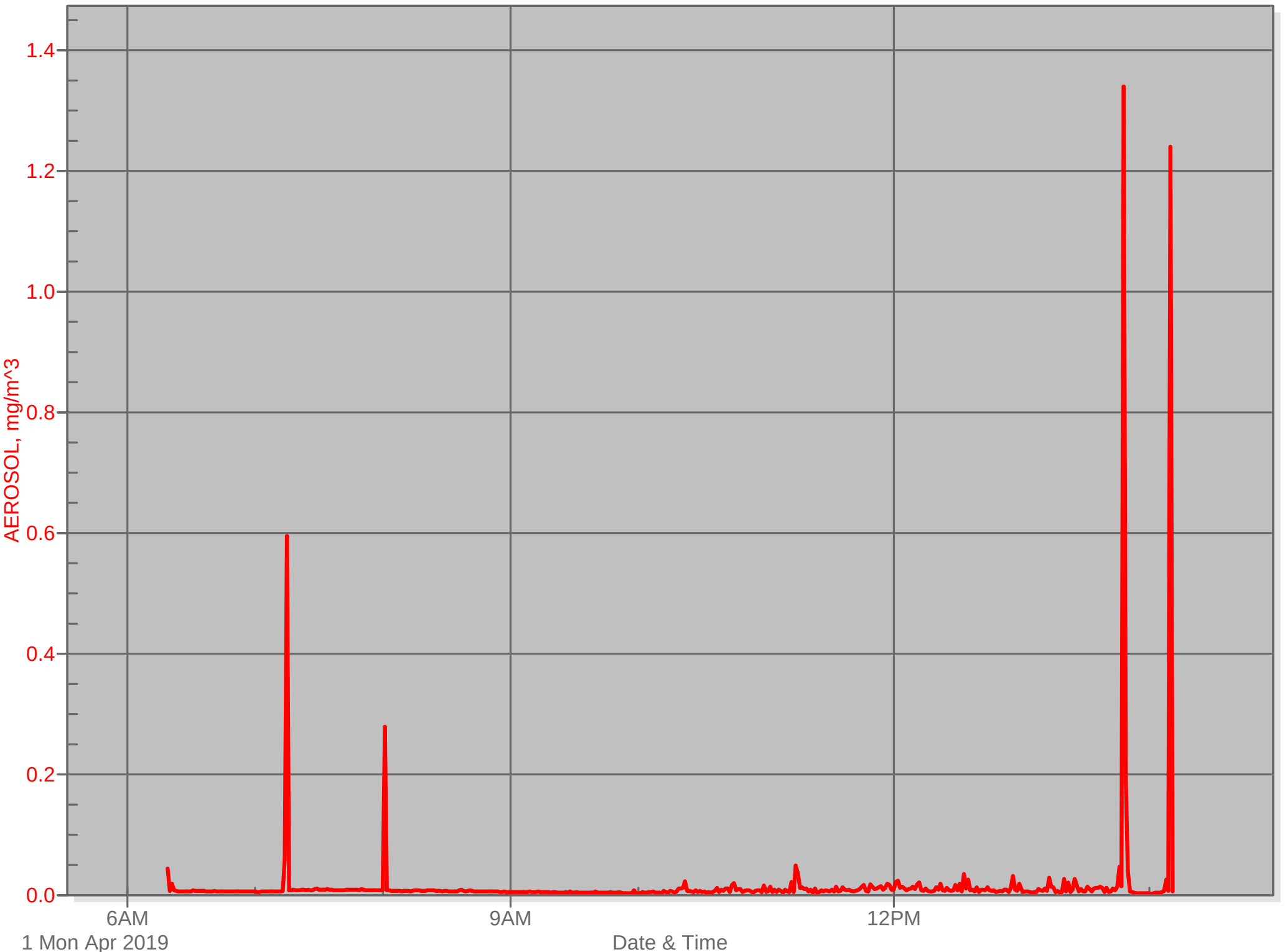
Test 058

Instrument		Data Properties	
Model	DustTrak II	Start Date	04/01/2019
Instrument S/N	8530162808	Start Time	06:17:56
		Stop Date	04/01/2019
		Stop Time	14:10:56
		Total Time	0:07:53:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.016 mg/m ³
Max	1.340 mg/m ³
Max Date	04/01/2019
Max Time	13:47:56
Min	0.002 mg/m ³
Min Date	04/01/2019
Min Time	14:00:56
TWA (8 hr)	0.016
TWA Start Date	04/01/2019
TWA Start Time	06:17:56
TWA End Time	14:10:56

Elim Town Homes

04-01-2019



DAILY FIELD SUMMARY FORM

DATE: 4/2/2019

FILE No. 21.0056884.00

REPORT No. 19-53

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 30°F Partly Cloudy

Temp Range: 30 to 48 °F

Wind Speed: 7 mph

Wind Direction: SE

Time GZA Arrived on Site: 0715

Site Conditions: Dry

Contractors on Site: Viscon

- GZA Personnel On-Site: Pete Nympha
- GZA's Equipment On-Site: Dust Trian
Mini RAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure: N/A

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscon installs insulation board on inside foundation walls of Bldg A2
 - Clean stone was then backfilled to secure insulation board
- Viscon uses clean stone to finish grading inside Bldg A2
- Viscon excavates for concrete piers on South side of Bldg C
 - Clean stone was then backfilled around pier
- During CAMP monitoring exceedences were not observed.
- GZA periodically screened excavation area w/PID and elevated levels were not observed 90.0 ppm

Photos taken: Yes

Time GZA left Site: 1600

Prepared by: Pete Nympha

Reviewed by: Jim Richert

DAILY FIELD SUMMARY FORM

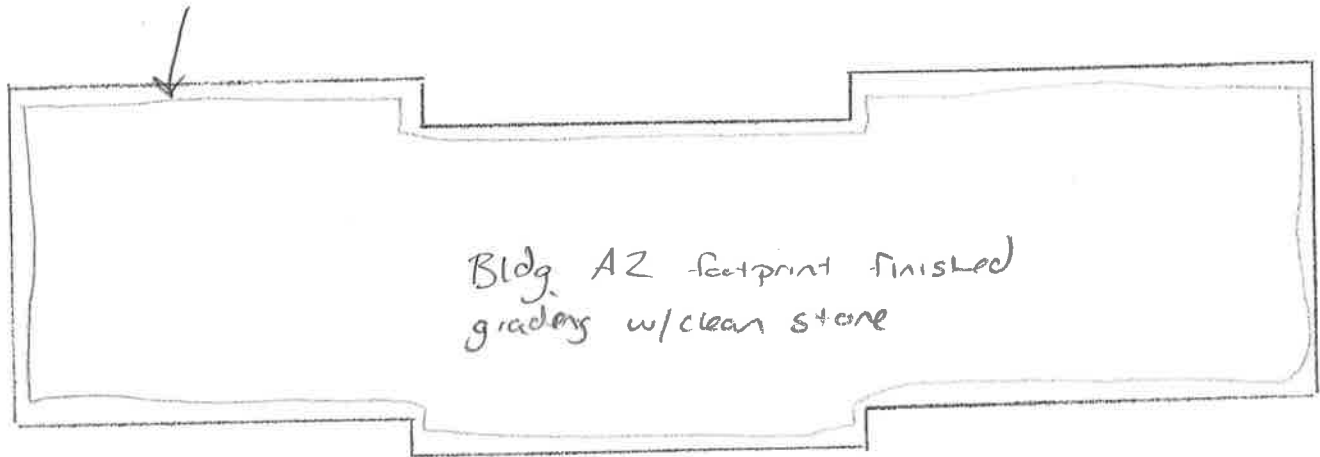
DATE: 4/21/2019

FILE No. 21.0056884.00

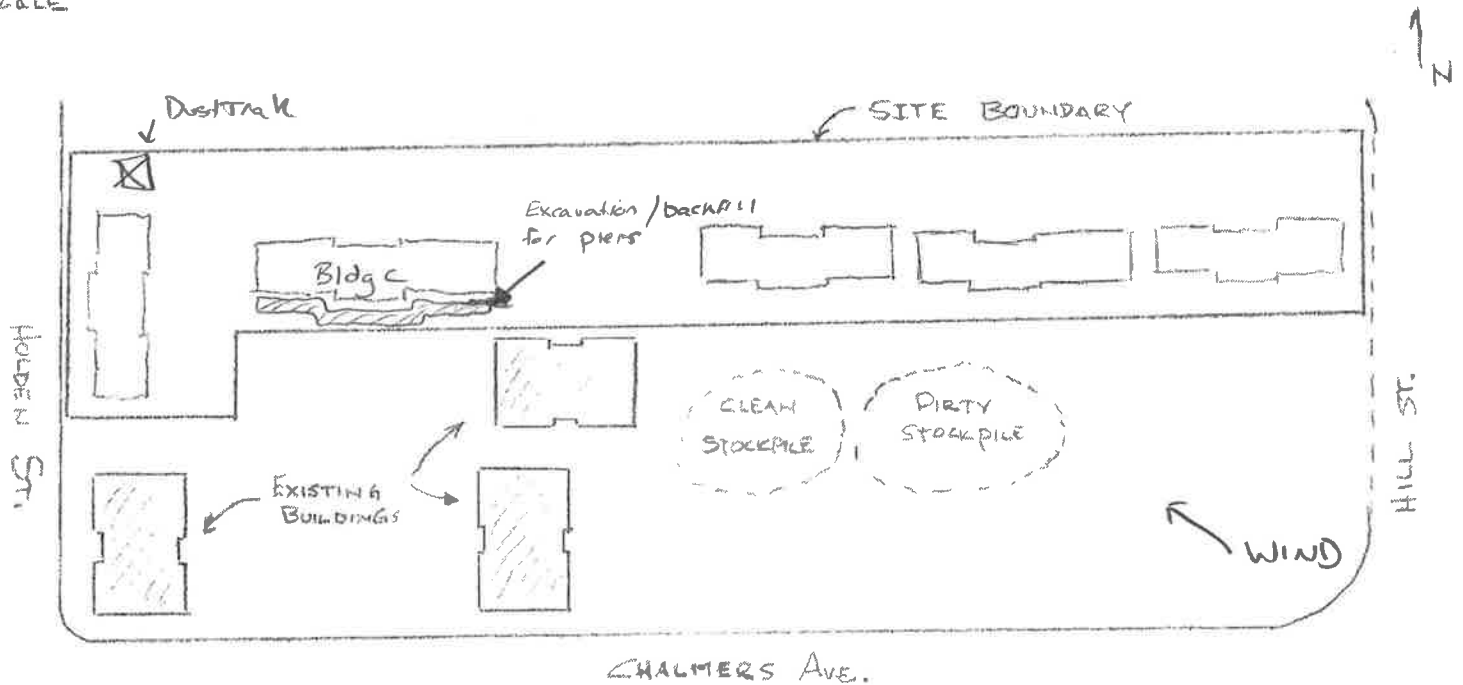
REPORT No. 19-53

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

Insulation Board installed on inside foundation walls
↳ clean stone then backfilled



NOT TO
SCALE



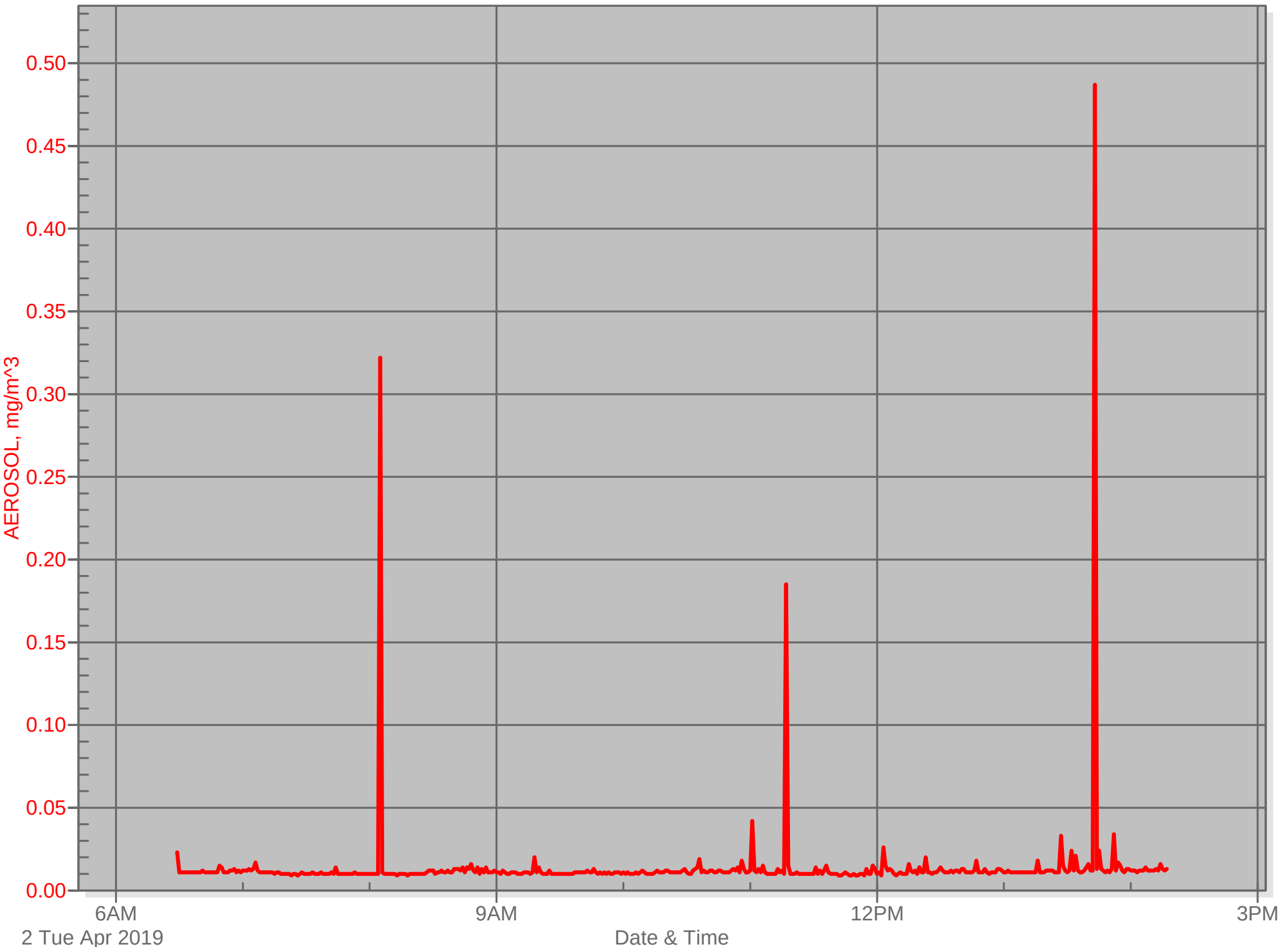
Test 059

Instrument		Data Properties	
Model	DustTrak II	Start Date	04/02/2019
Instrument S/N	8530162808	Start Time	06:27:59
		Stop Date	04/02/2019
		Stop Time	14:16:59
		Total Time	0:07:49:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.014 mg/m ³
Max	0.487 mg/m ³
Max Date	04/02/2019
Max Time	13:42:59
Min	0.009 mg/m ³
Min Date	04/02/2019
Min Time	07:22:59
TWA (8 hr)	0.013
TWA Start Date	04/02/2019
TWA Start Time	06:27:59
TWA End Time	14:16:59

Elim Town Homes

04-02-2019



DAILY FIELD SUMMARY FORM

DATE: 4/3 2019

FILE No. 21.0056884.00

REPORT No. 19-54

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: clear + windy

Temp Range: 40 to 45 °F
Wind Speed: 20-35 mph
Wind Direction: West

Time GZA Arrived on Site: 0725

Site Conditions: good / dry to moist

Contractors on Site: - carpenters (ETS)
- plumbers

• GZA Personnel On-Site: Jim Richert

• GZA's Equipment On-Site: - DUST TRAK
- Mini RAE 3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

N/A

SUMMARY OF WORK OBSERVED: (See attached field sketch)

ETS Plumbing excavating in building A2
for sewer + water lines
GZA observing exc. work + monitoring
with PID + DUSTRAK
- no visible dust
- no PID reading > background

Photos taken: yes

Time GZA left Site: 1:30

Prepared by: Jim Richert

Reviewed by: Dede Nyruph

DATE: 4/3 2019

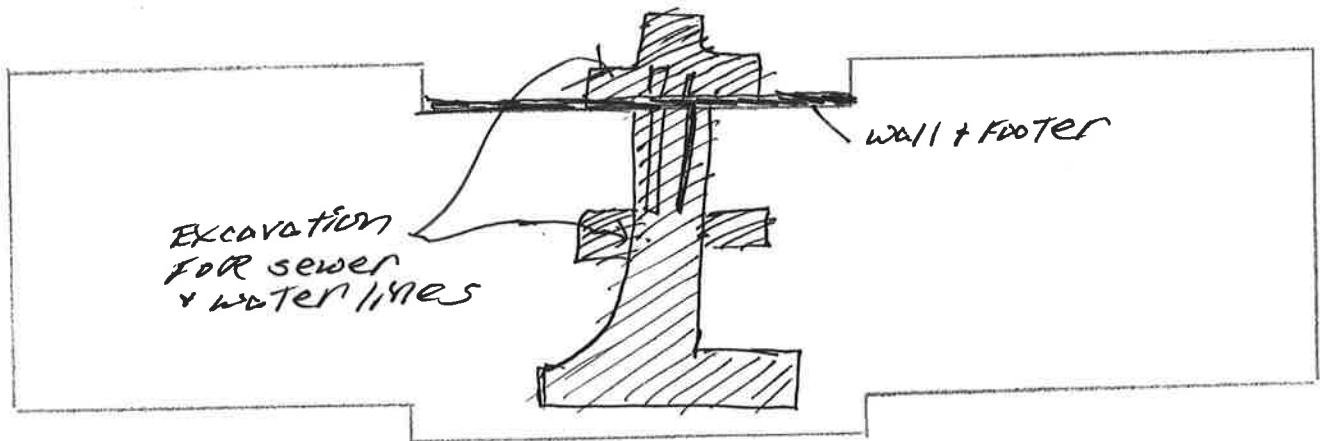
DAILY FIELD SUMMARY FORM

FILE No. 21.0056884.00

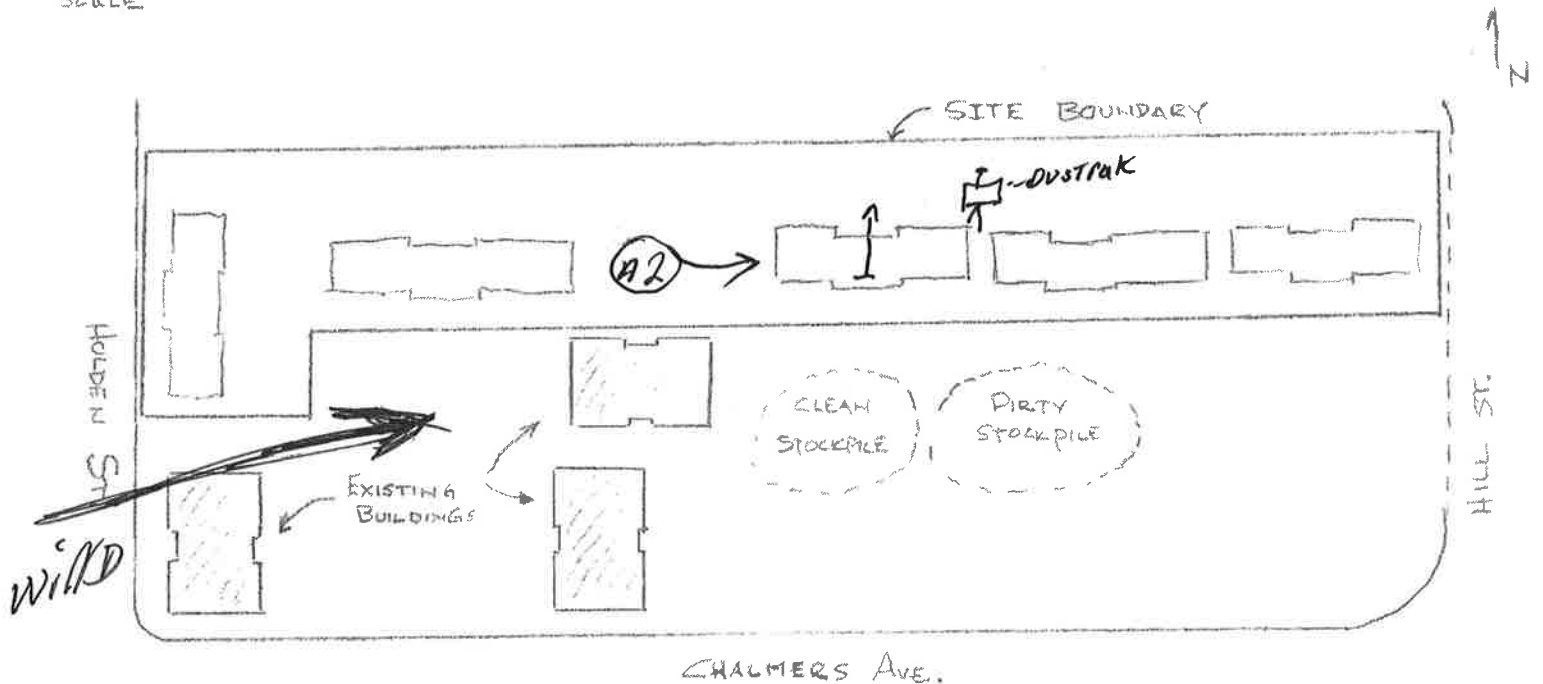
REPORT No. 19-54

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

Building A2



NOT TO
SCALE



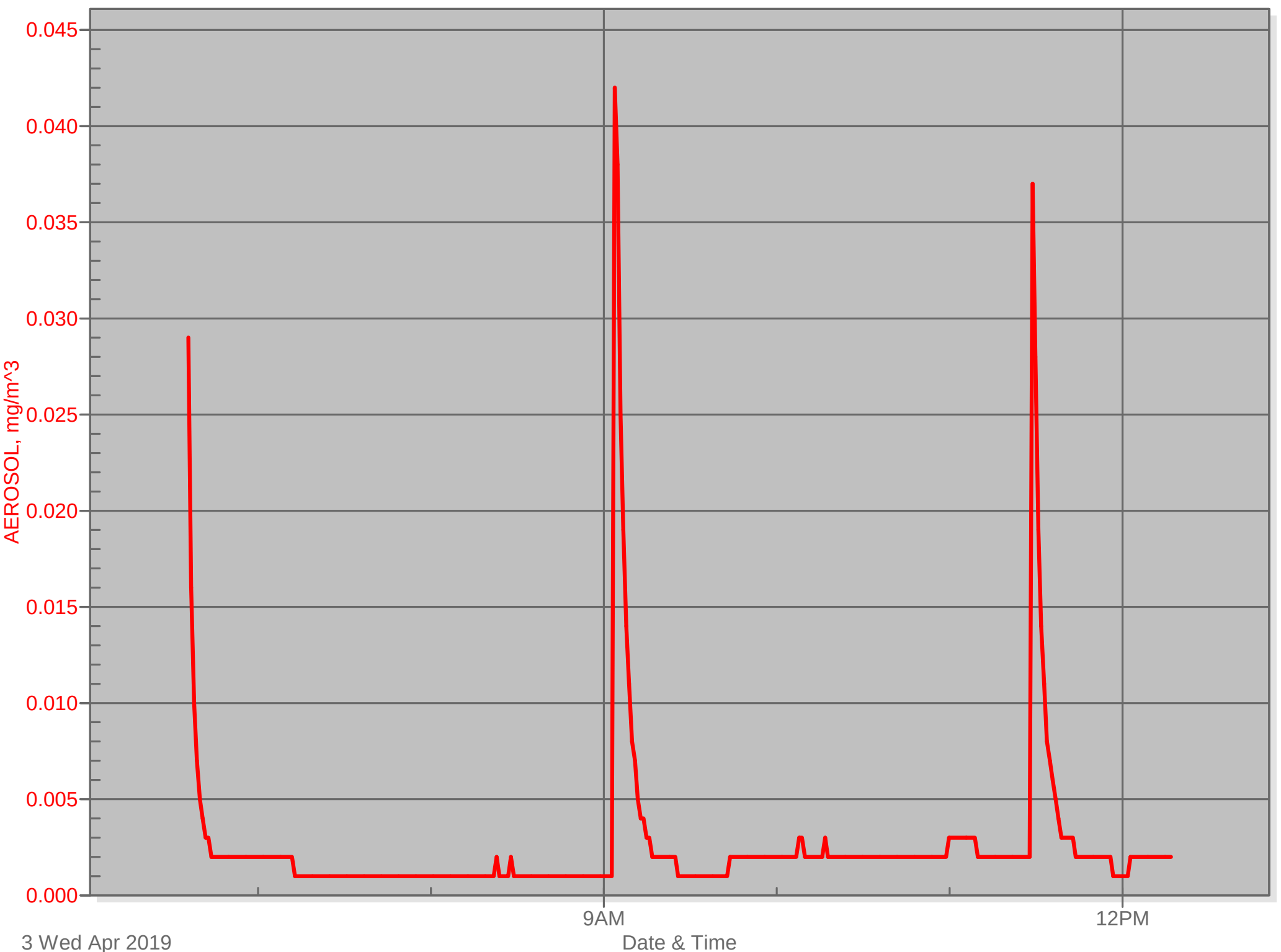
Test 060

Instrument		Data Properties	
Model	DustTrak II	Start Date	04/03/2019
Instrument S/N	8530162808	Start Time	06:34:48
		Stop Date	04/03/2019
		Stop Time	12:16:48
		Total Time	0:05:42:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.003 mg/m ³
Max	0.042 mg/m ³
Max Date	04/03/2019
Max Time	09:03:48
Min	0.001 mg/m ³
Min Date	04/03/2019
Min Time	07:12:48
TWA (8 hr)	0.002
TWA Start Date	04/03/2019
TWA Start Time	06:34:48
TWA End Time	12:16:48

Elim Town Homes

04-03-2019



DAILY FIELD SUMMARY FORM

DATE: 4/4/ 2019

FILE No. 21.0056884.00

REPORT No. 19-55

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 29°F Partly Cloudy

Temp Range: 29 to 42 °F

Wind Speed: 4 mph

Wind Direction: W-NW

Time GZA Arrived on Site: 0715

Site Conditions: Dry

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Myznych
- GZA's Equipment On-Site: Dust Trak
MiniRAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure: N/A

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone excavates/grades ground soil between Bldg A2+C.
↳ Soil excavated was direct loaded and staged in stock pile area south the site
- Plumbing contractor excavates for water/sewer lines in Bldg A2.
- During CAMP monitoring exceedences were not observed
- GZA periodically screened ambient air up/down wind of excavation areas and no elevated levels were observed → 0.0 ppm

Photos taken: No

Time GZA left Site: 1605

Prepared by: Pete Myznych

Reviewed by: Jim Richert

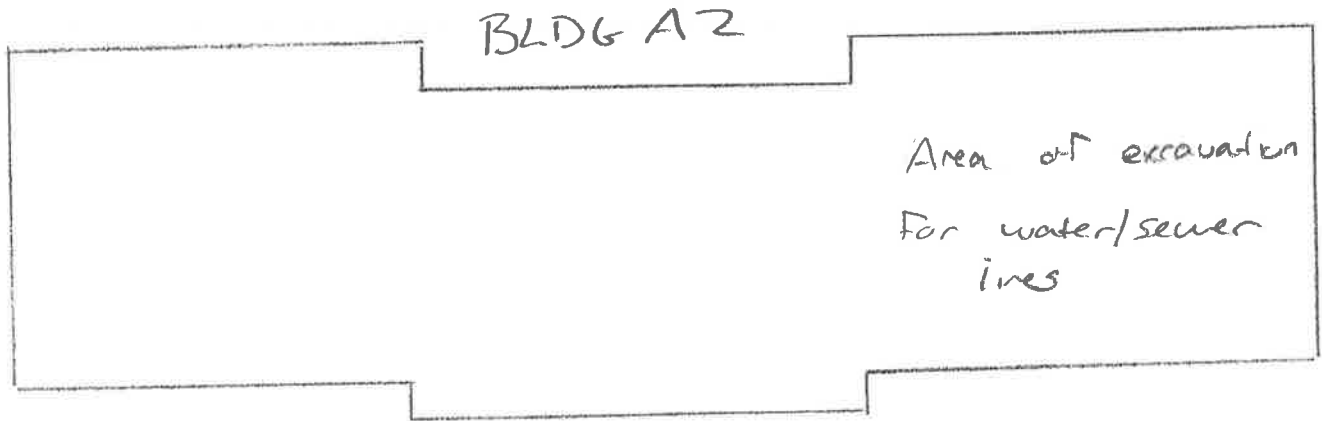
DAILY FIELD SUMMARY FORM

DATE: 4/4/2019

FILE No. 21.0056884.00

REPORT No. 19-55

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE

WIND

A hand-drawn site map showing the layout of the site. The site is bounded by Holden St. to the west, Hill St. to the east, and Chalmers Ave. to the south. Inside the site, there are several building footprints. One building is labeled 'EXISTING BUILDINGS'. Another building is labeled 'Excavation/grading of surface soil'. A third building is labeled 'Excavation for water/sewer lines'. There are two circular areas labeled 'CLEAN STOCKPILE' and 'DIRTY STOCKPILE'. A dashed line represents the 'SITE BOUNDARY'. A legend indicates that a box with an 'X' represents a 'DUST TRAIL'. A north arrow points towards the top right. A wind direction indicator points towards the bottom left.

HOLDEN ST.

N

HILL ST.

CHALMERS AVE.

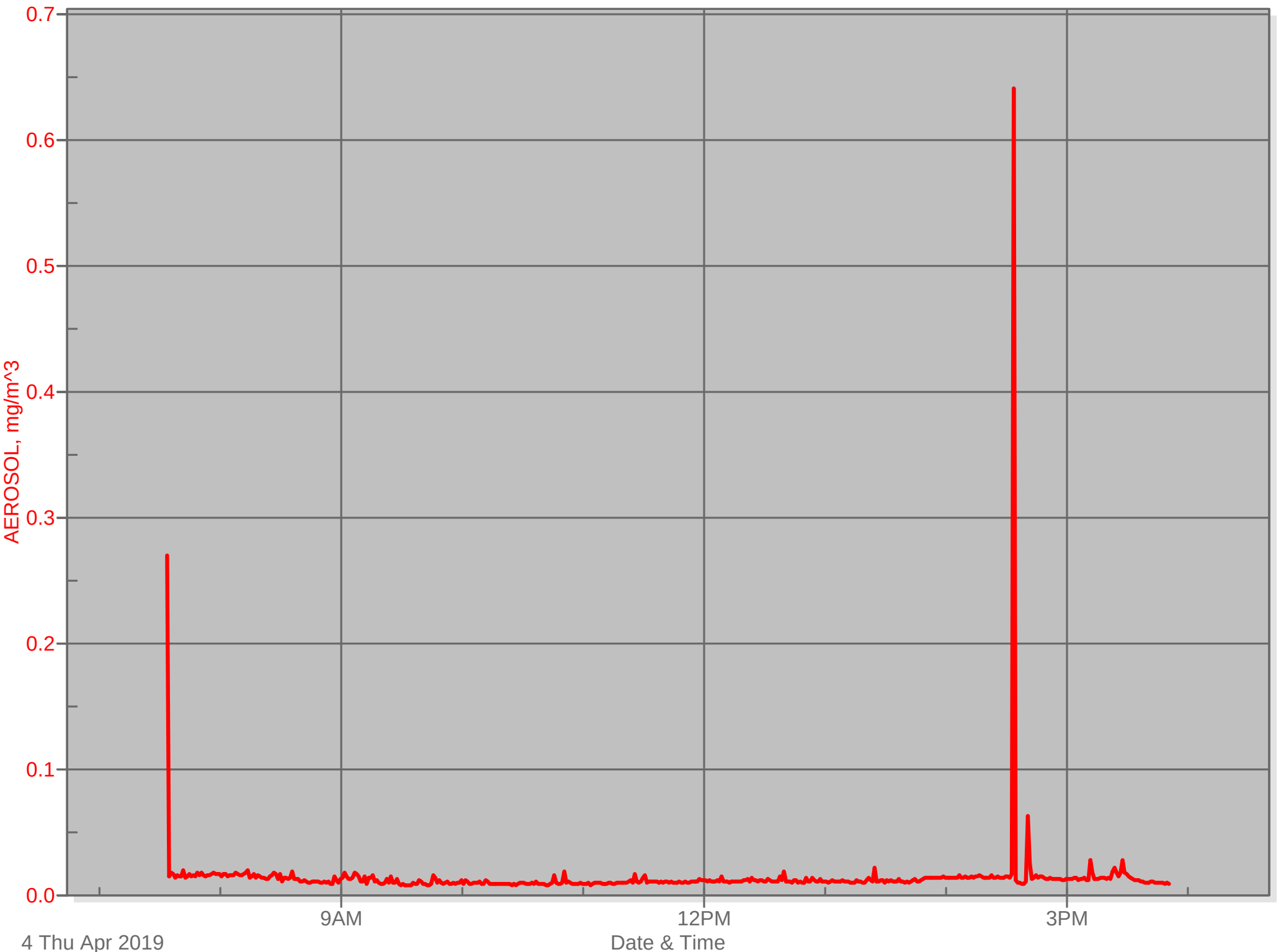
Test 061

Instrument		Data Properties	
Model	DustTrak II	Start Date	04/04/2019
Instrument S/N	8530162808	Start Time	07:32:36
		Stop Date	04/04/2019
		Stop Time	15:50:36
		Total Time	0:08:18:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.014 mg/m ³
Max	0.641 mg/m ³
Max Date	04/04/2019
Max Time	14:33:36
Min	0.008 mg/m ³
Min Date	04/04/2019
Min Time	09:29:36
TWA (8 hr)	0.014
TWA Start Date	04/04/2019
TWA Start Time	07:32:36
TWA End Time	15:50:36

Elim Town Homes

04-04-2019



DAILY FIELD SUMMARY FORM

DATE: 4/8/ 2019

FILE No. 21.0056884.00

REPORT No. 19-57

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 52°F Cloudy

Temp Range: 52 to 58 °F

Wind Speed: 15-20 mph

Wind Direction: W-SW

Time GZA Arrived on Site: 0710

Site Conditions: Muddy

Contractors on Site: ENS - Plumbing Contractors

- GZA Personnel On-Site: Pete Nyman
- GZA's Equipment On-Site: DUST TAIL
MIN. RAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC: NA

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- ENS continues to excavate in Bldg A2 for water/sewer lines
- ENS backfills excavation trenches w/clean stone after pipe is installed
- During CAMP monitoring exceedences were not observed
- GZA periodically screened excavation area w/PID no elevated levels were observed → 0.0ppm

Photos taken: Yes

Time GZA left Site: 1600

Prepared by: Pete Nyman

Reviewed by: Jim Richert

DAILY FIELD SUMMARY FORM

DATE: 4/8/2019

FILE No. 21.0056884.00

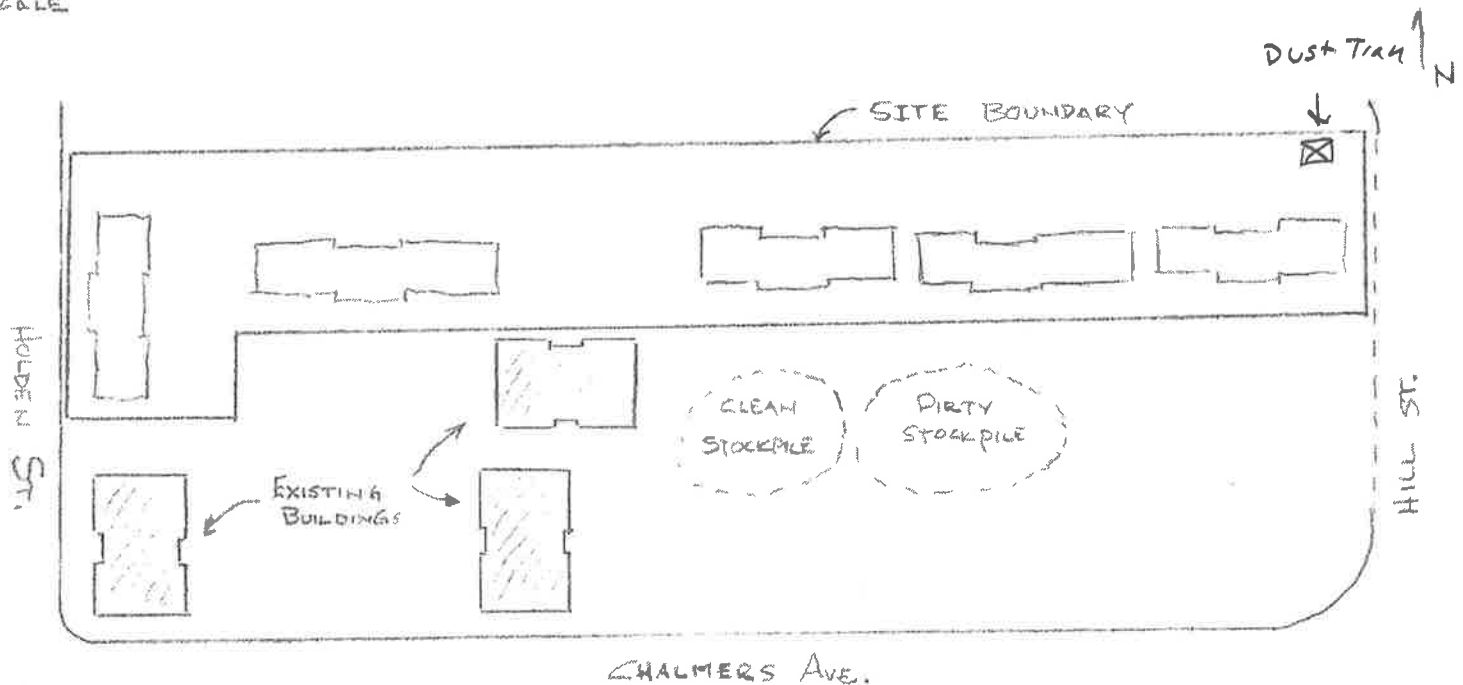
REPORT No. 19-57

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

Bldg A2

Excavation area for
water/sewer lines

NOT TO
SCALE



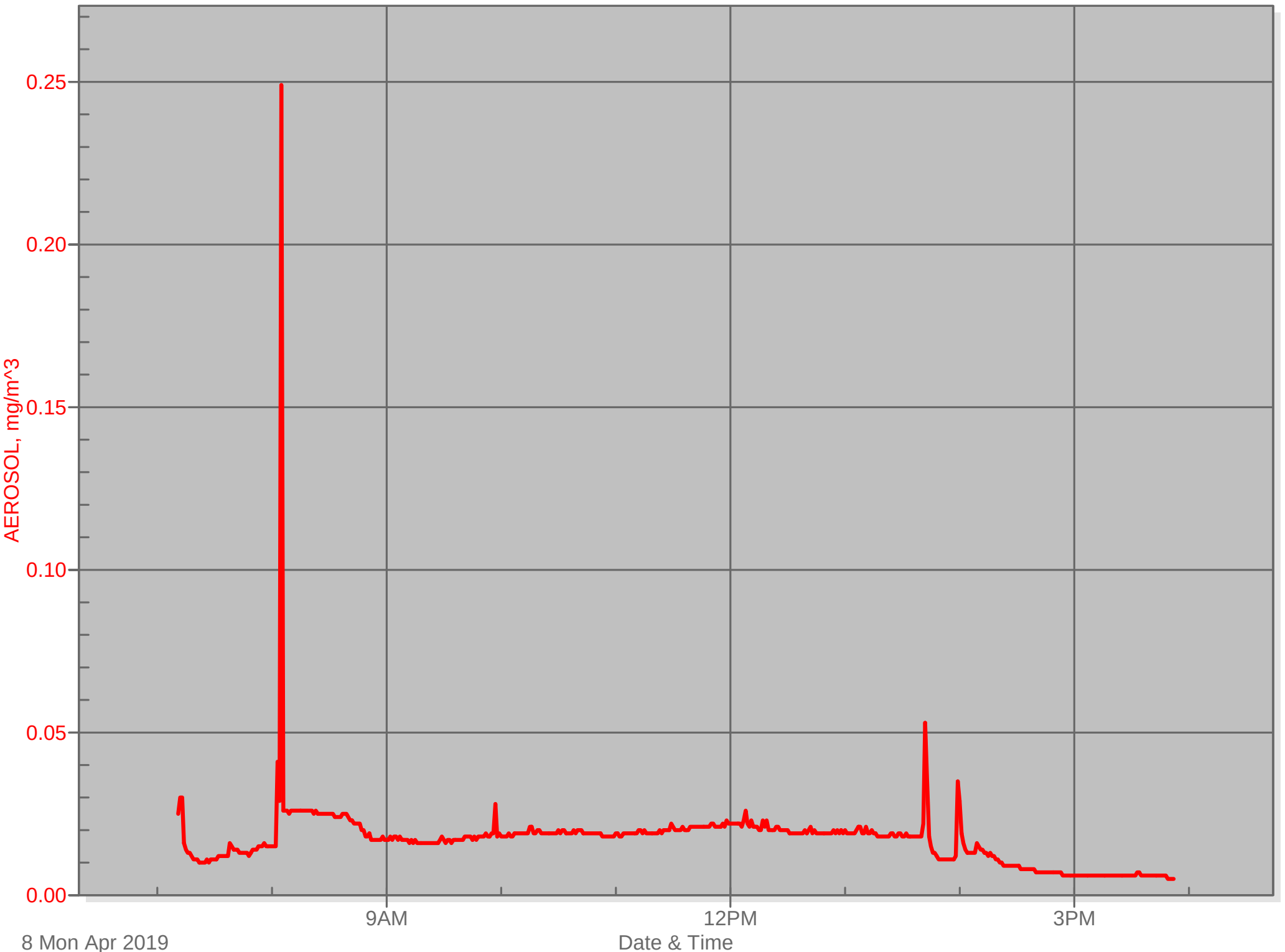
Test 062

Instrument		Data Properties	
Model	DustTrak II	Start Date	04/08/2019
Instrument S/N	8530162808	Start Time	07:09:57
		Stop Date	04/08/2019
		Stop Time	15:51:57
		Total Time	0:08:42:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.017 mg/m ³
Max	0.249 mg/m ³
Max Date	04/08/2019
Max Time	08:04:57
Min	0.005 mg/m ³
Min Date	04/08/2019
Min Time	15:48:57
TWA (8 hr)	0.018
TWA Start Date	04/08/2019
TWA Start Time	07:09:57
TWA End Time	15:51:57

Elim Town Homes

04-08-2019



DAILY FIELD SUMMARY FORM

DATE: 4/14/ 2019

FILE No. 21.0056884.00

REPORT No. 19-59

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 36°F Cloudy

Temp Range: 36 to 43 °F

Wind Speed: 10 mph

Wind Direction: NW

Time GZA Arrived on Site: 0715

Site Conditions: Dry

Contractors on Site: Viscone

ENS

• GZA Personnel On-Site: Pete Nyznyk

• GZA's Equipment On-Site: Dust Trail
MiniRAE 3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure: N/A

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone excavates trench for sewer hook-up on west boundary of site
- ENS continues to excavate for water/sewer line in Bldg A2
- Viscone uses clean stone to backfill around concrete piers on northern foundation footer of Bldg A2
- During CAMP monitoring exceedences were not observed
- GZA screened excavation areas w/ PID no elevated levels were observed - 0.0ppm

Photos taken: Yes

Time GZA left Site: 1605

Prepared by: Pete Nyznyk

Reviewed by: Jim Richert

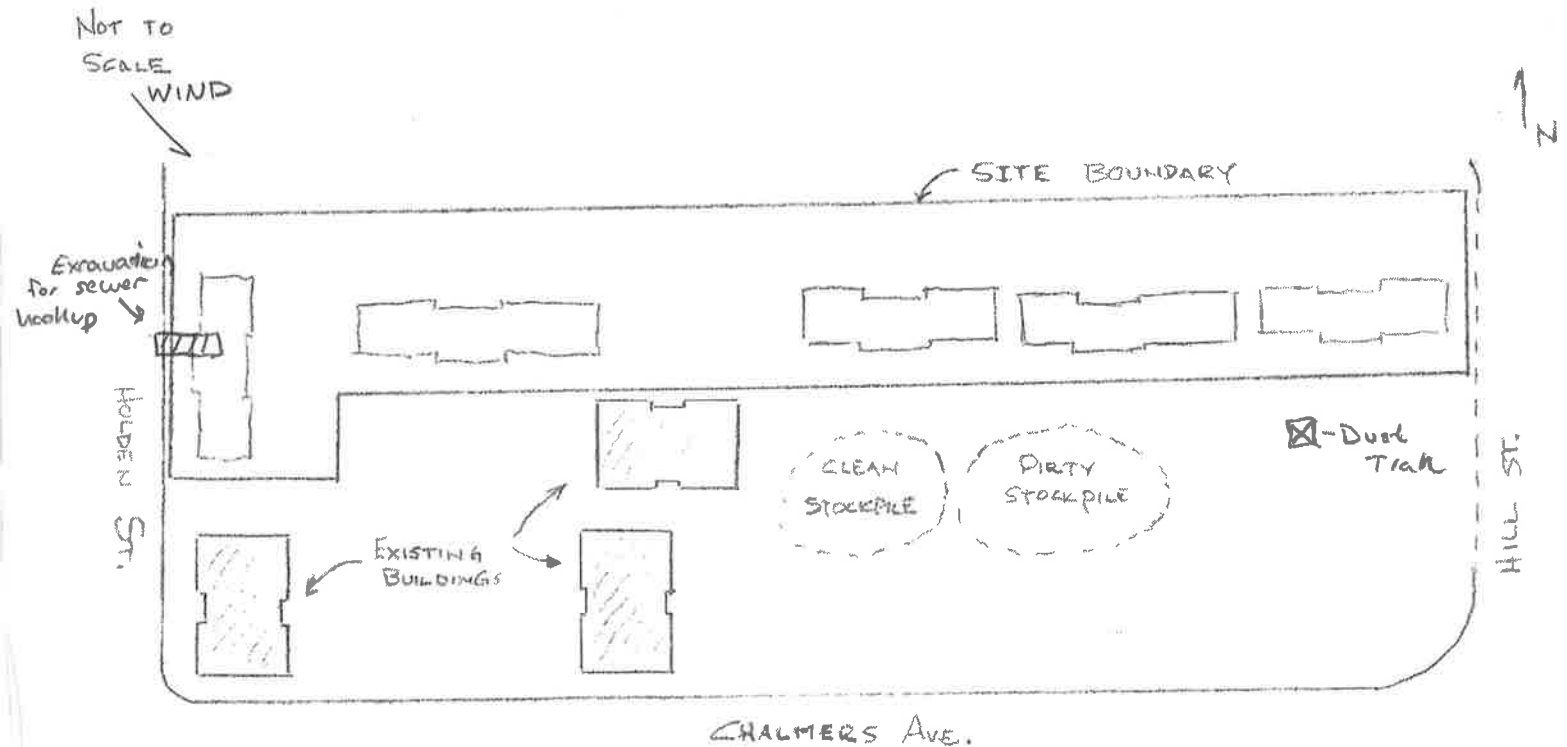
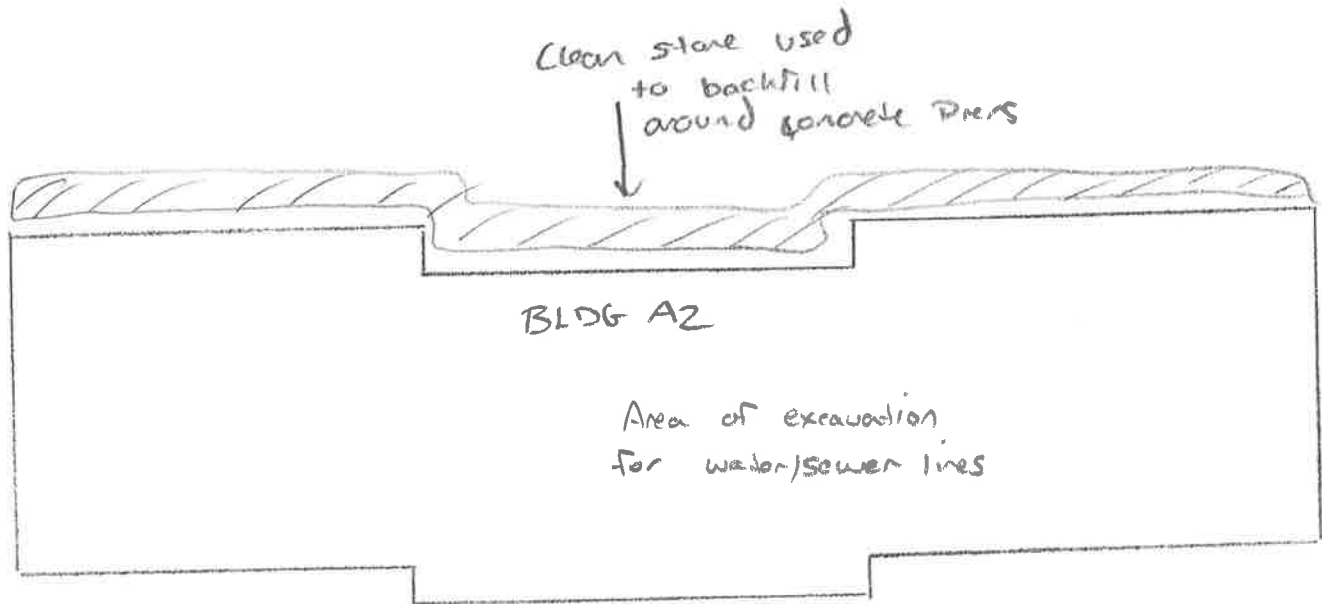
DAILY FIELD SUMMARY FORM

DATE: 4/10/ 2019

FILE No. 21.0056884.00

REPORT No. 19- 39

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



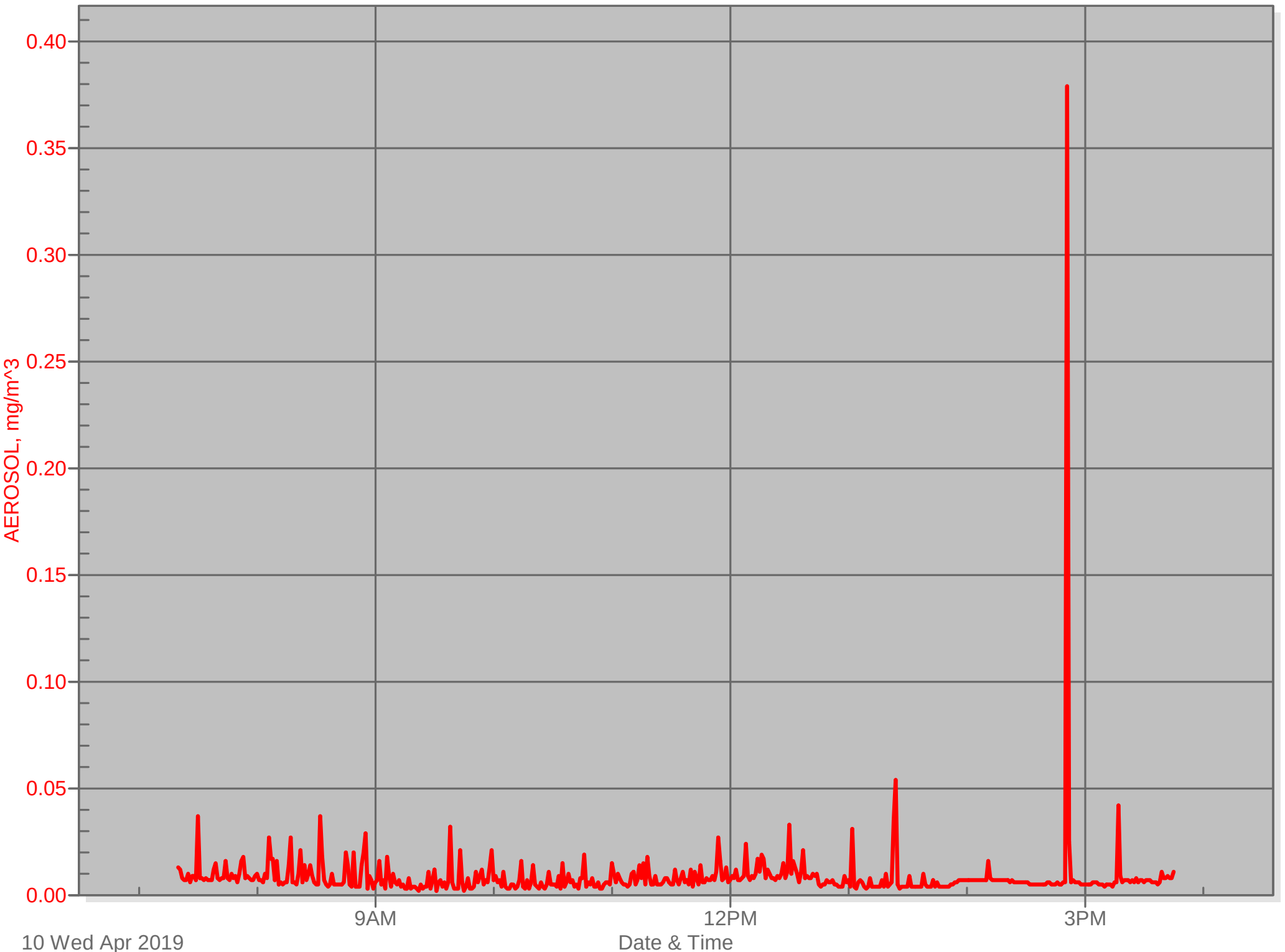
Test 064

Instrument		Data Properties	
Model	DustTrak II	Start Date	04/10/2019
Instrument S/N	8530162808	Start Time	07:18:52
		Stop Date	04/10/2019
		Stop Time	15:44:52
		Total Time	0:08:26:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.009 mg/m ³
Max	0.379 mg/m ³
Max Date	04/10/2019
Max Time	14:50:52
Min	0.002 mg/m ³
Min Date	04/10/2019
Min Time	09:21:52
TWA (8 hr)	0.009
TWA Start Date	04/10/2019
TWA Start Time	07:18:52
TWA End Time	15:44:52

Elim Town Homes

04-10-2019



DAILY FIELD SUMMARY FORM

DATE: 4/11/ 2019

FILE No. 21.0056884.00

REPORT No. 19-60

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 32°F cloudy

Temp Range: 34 to 42 °F

Wind Speed: 10 mph

Wind Direction: NE

Time GZA Arrived on Site: 0715

Site Conditions: Dry

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyznyk
- GZA's Equipment On-Site: DUSTRAK
MIMIRAE3000

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)

- Viscone backfills excavation trench for sewer line w/clean stone.
- After backfill stone was compacted w/walk behind tamper
- Viscone backfills low lying area on western portion of the site for building preparation for Bldg D.
- During CAMP monitoring exceedences were not observed.

Photos taken: Yes

Time GZA left Site: 1610

Prepared by: Pete Nyznyk

Reviewed by: Jim Richert

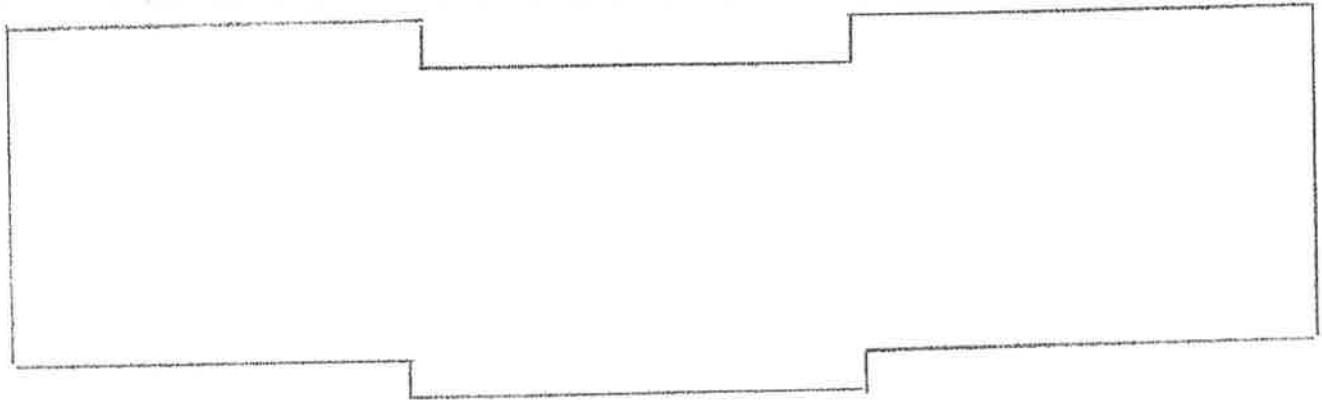
DAILY FIELD SUMMARY FORM

DATE: 9/11/2019

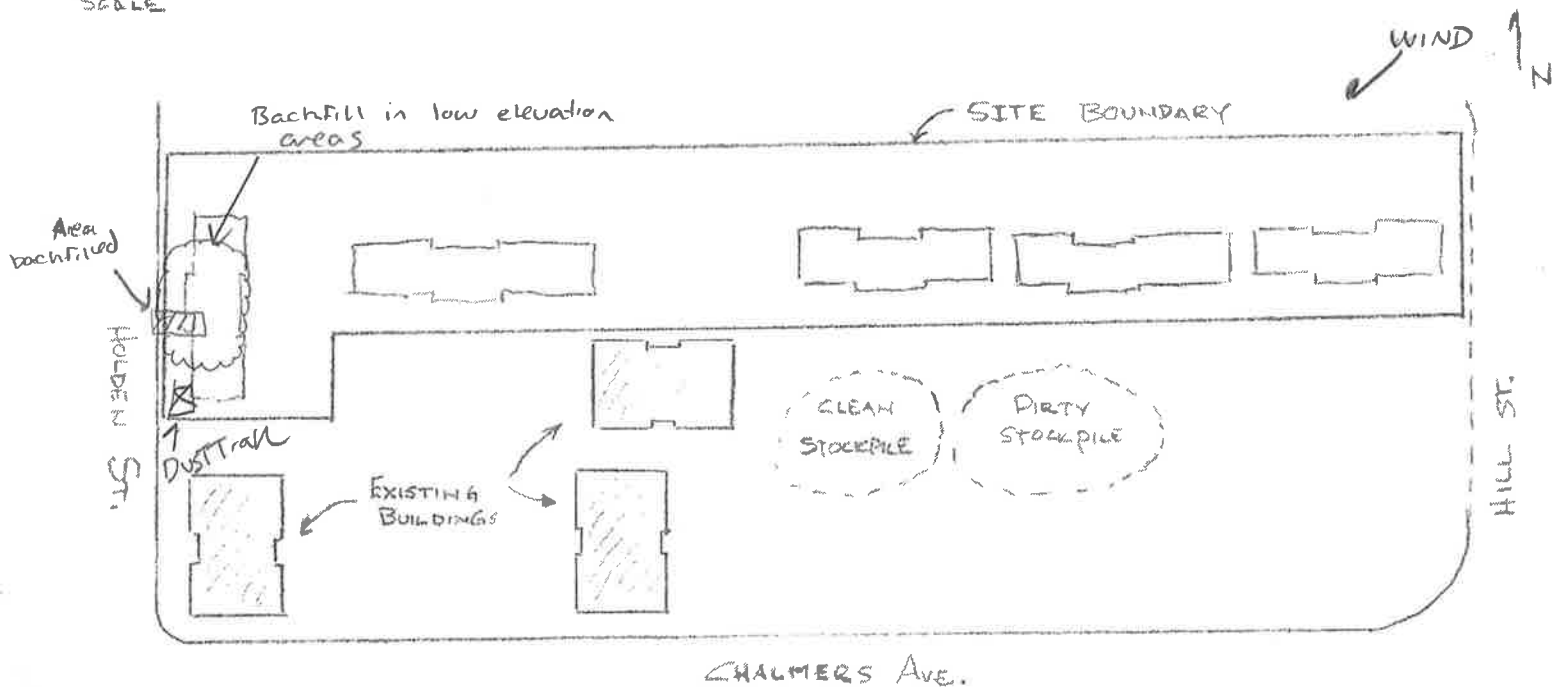
FILE No. 21.0056884.00

REPORT No. 19-60

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



Not to
Scale



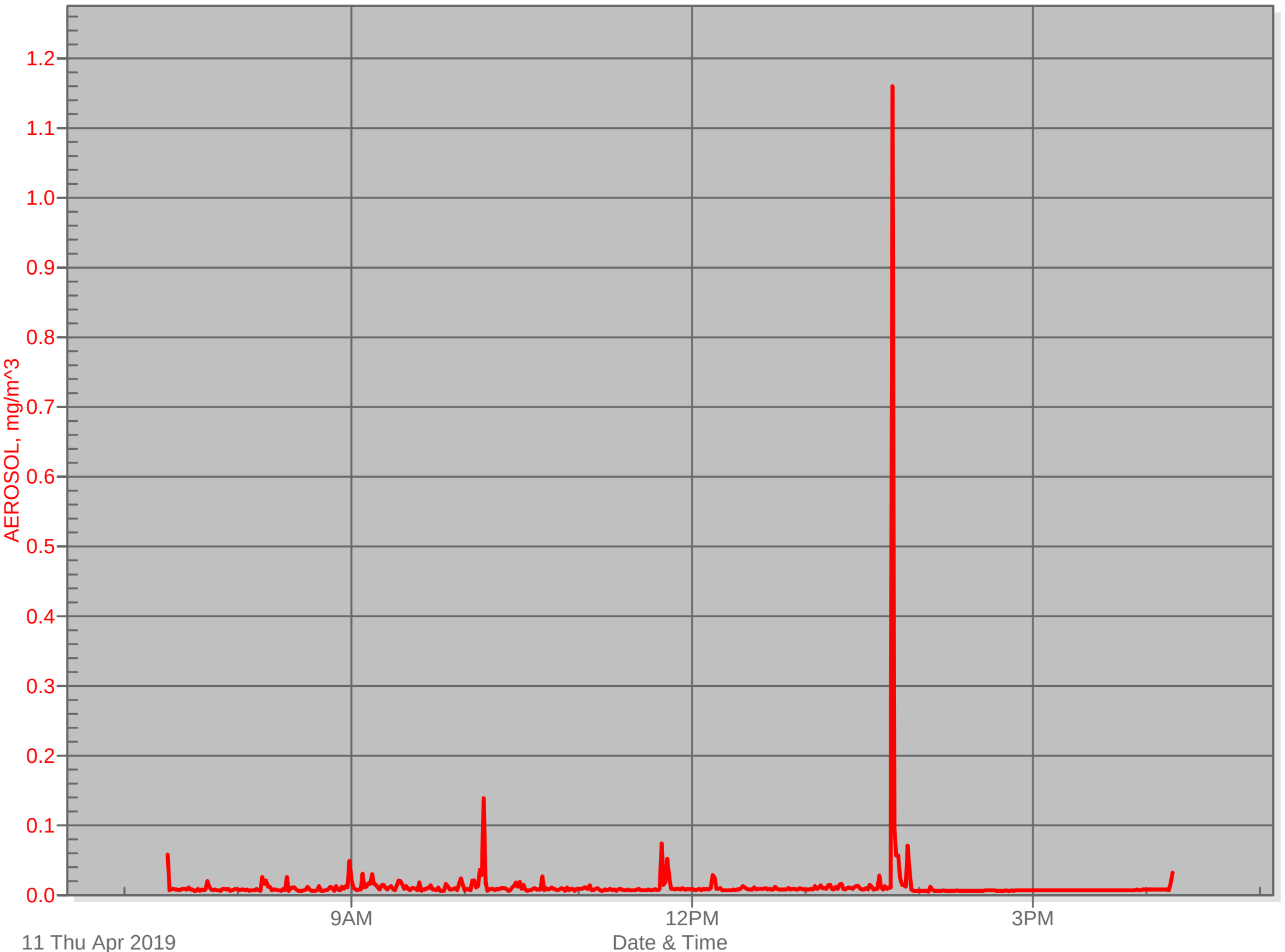
Test 065

Instrument		Data Properties	
Model	DustTrak II	Start Date	04/11/2019
Instrument S/N	8530162808	Start Time	07:21:53
		Stop Date	04/11/2019
		Stop Time	16:13:53
		Total Time	0:08:52:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.012 mg/m ³
Max	1.160 mg/m ³
Max Date	04/11/2019
Max Time	13:45:53
Min	0.005 mg/m ³
Min Date	04/11/2019
Min Time	14:04:53
TWA (8 hr)	0.013
TWA Start Date	04/11/2019
TWA Start Time	07:21:53
TWA End Time	16:13:53

Elim Town Homes

04-11-2019



DAILY FIELD SUMMARY FORM

DATE: 4/12/ 2019

FILE No. 21.0056884.00

REPORT No. 19-61

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 44°F cloudy

Temp Range: 44 to 67 °F

Wind Speed: 10 mph

Wind Direction: S

Time GZA Arrived on Site: 0715

Site Conditions: Dry

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyrnyh
- GZA's Equipment On-Site: Dusttrak
Mini RAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

N/A

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone has to re-excavate for sewer line hookup on western portion of site.
↳ excavation is extended to the east to its original proposed hookup location in Bldg D footprint
- Viscone excavates to cap old storm water pipe on west end of site
- Viscone excavates mud in proposed footprint of Bldg D and backfilling area w/clean stone

Photos taken: Yes

Time GZA left Site: 1400

Prepared by: Pete Nyrnyh

Reviewed by: Jim Richert

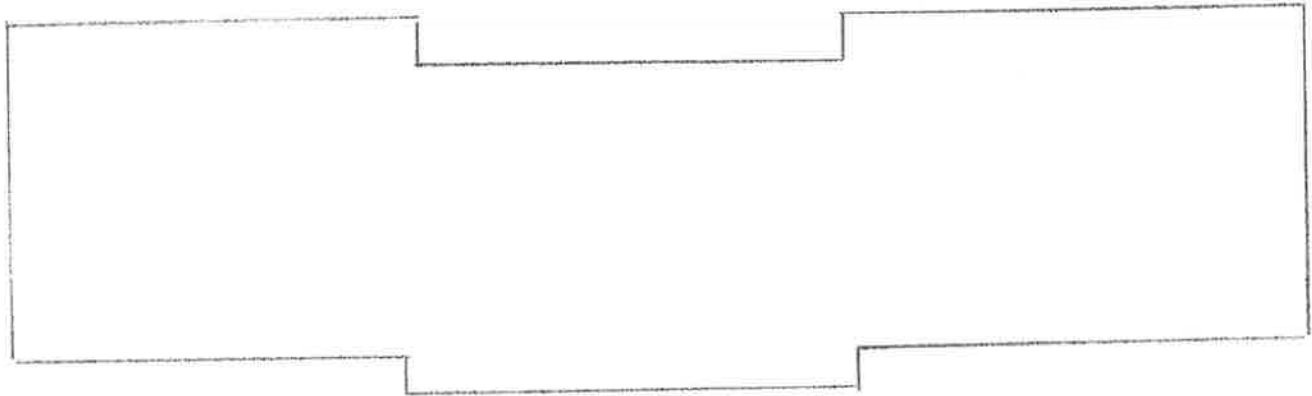
DAILY FIELD SUMMARY FORM

DATE: 4/12/2019

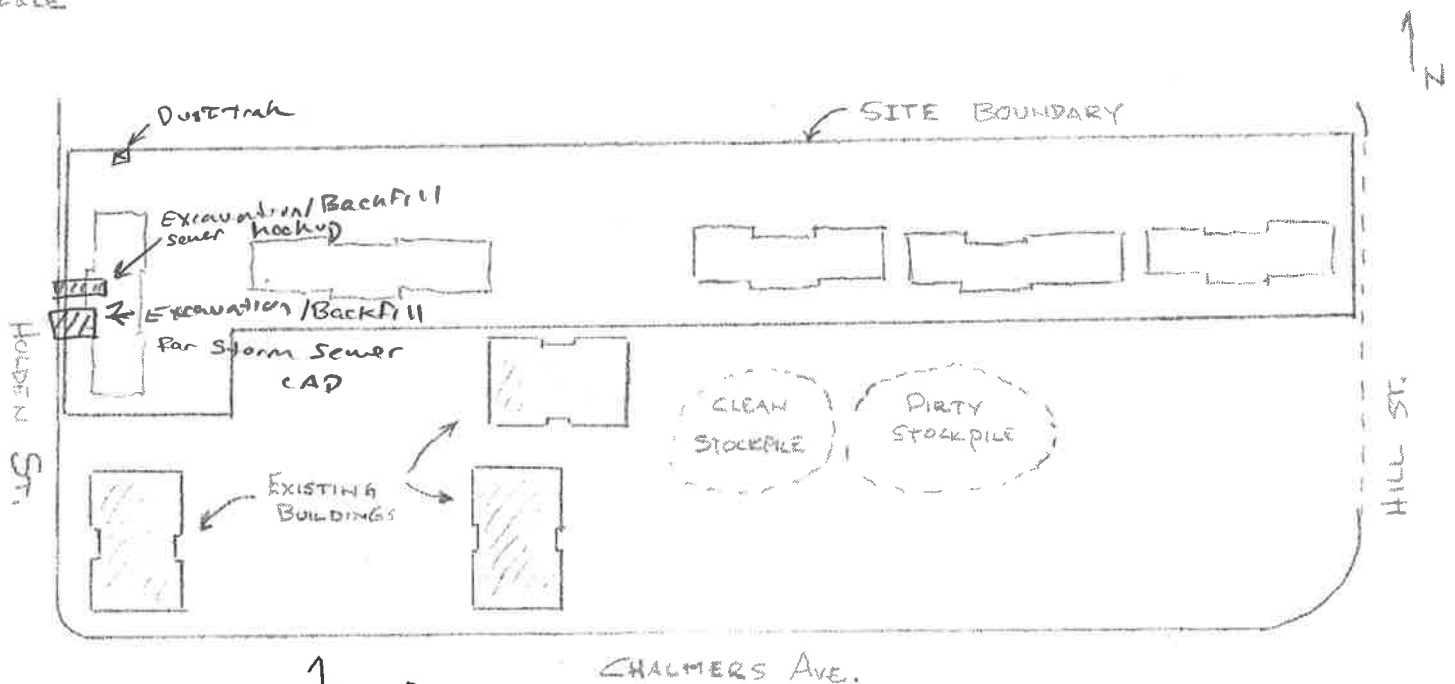
FILE No. 21.0056884.00

REPORT No. 19-61

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



Not to
Scale



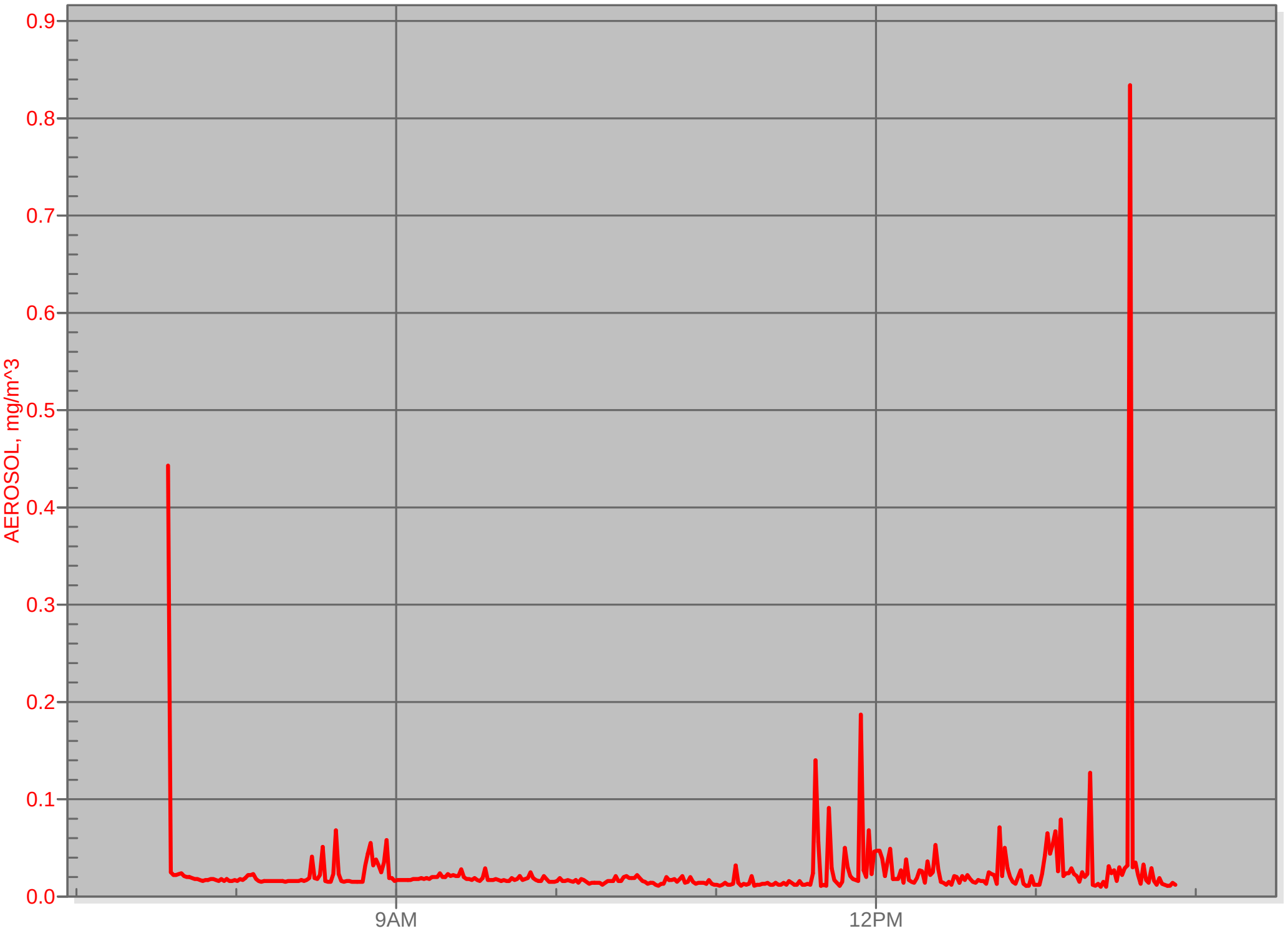
Test 066

Instrument		Data Properties	
Model	DustTrak II	Start Date	04/12/2019
Instrument S/N	8530162808	Start Time	07:33:22
		Stop Date	04/12/2019
		Stop Time	13:52:22
		Total Time	0:06:19:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.025 mg/m ³
Max	0.834 mg/m ³
Max Date	04/12/2019
Max Time	13:35:22
Min	0.010 mg/m ³
Min Date	04/12/2019
Min Time	13:24:22
TWA (8 hr)	0.019
TWA Start Date	04/12/2019
TWA Start Time	07:33:22
TWA End Time	13:52:22

Elim Town Homes

04-12-2019



DAILY FIELD SUMMARY FORM

DATE: 4/16/ 2019

FILE No. 21.0056884.00

REPORT No. 19-62

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 34°F Partly Cloudy

Temp Range: 34 to 45 °F

Wind Speed: 5 mph

Wind Direction: SW

Time GZA Arrived on Site: 0710

Site Conditions: Muddy

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Myznych
- GZA's Equipment On-Site: Dusttrak
Min. RAE3000

Name of NYSDEC Representative(s) on Site: N/A

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone excavates for concrete piers around Bldg C foundation
- Viscone installs concrete piers around Bldg C foundation
- Viscone uses clean stone to backfill around piers after installation
- CAMP Monitoring → No exceedences observed
- VOC monitoring → No elevated levels observed → 0.0 ppm

Photos taken: Yes

Time GZA left Site: 1600

Prepared by: Pete Myznych

Reviewed by: Jim Richert

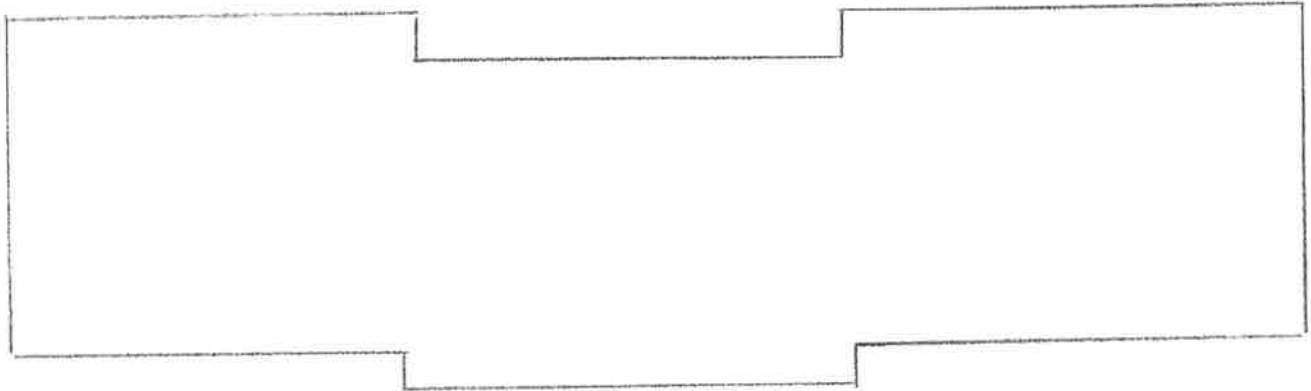
DAILY FIELD SUMMARY FORM

DATE: 4/16/2019

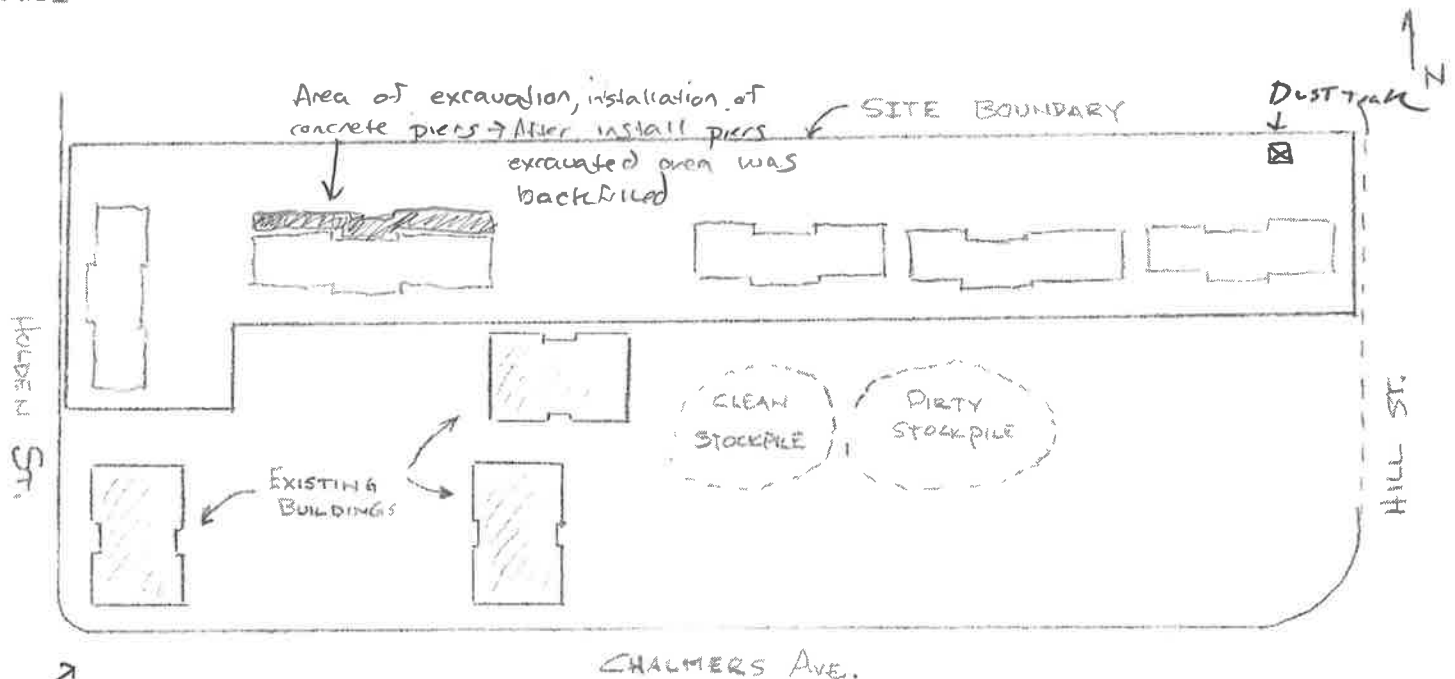
FILE No. 21.0056884.00

REPORT No. 19-62

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



Not to
Scale



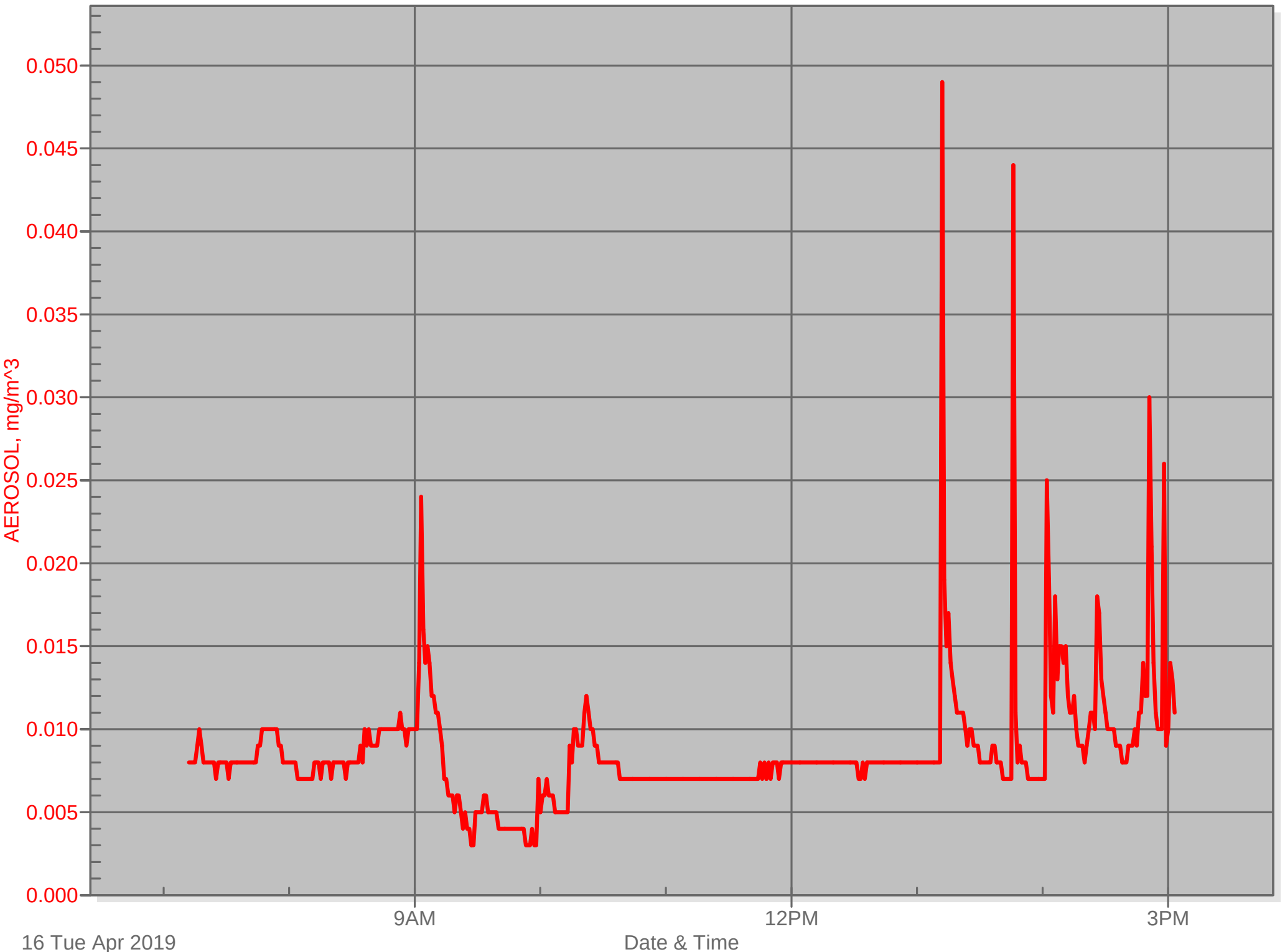
Test 067

Instrument		Data Properties	
Model	DustTrak II	Start Date	04/16/2019
Instrument S/N	8530162808	Start Time	07:11:04
		Stop Date	04/16/2019
		Stop Time	15:03:04
		Total Time	0:07:52:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.009 mg/m ³
Max	0.049 mg/m ³
Max Date	04/16/2019
Max Time	13:12:04
Min	0.003 mg/m ³
Min Date	04/16/2019
Min Time	09:27:04
TWA (8 hr)	0.008
TWA Start Date	04/16/2019
TWA Start Time	07:11:04
TWA End Time	15:03:04

Elim Town Homes

04-16-2019



DAILY FIELD SUMMARY FORM

DATE: 4/24/ 2019

FILE No. 21.0056884.00

REPORT No. 19-63

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 40°F Partly Cloudy Temp Range: 40° to 48° °F
Time GZA Arrived on Site: 0700 Wind Speed: 5 mph
Wind Direction: W

Site Conditions: Dry

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyznyk
- GZA's Equipment On-Site: DustTrak
Mini RAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure: N/A

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone excavates on west end of site and into Holden St. for utilities.
- Viscone backfills excavation trench on Holden St w/clean stone. Trench was then compacted w/a walk behind tamper.
- CAMP monitoring → No dust exceedances observed
- VOC monitoring → No elevated levels observed

Photos taken: Yes

Time GZA left Site: 1625

Prepared by: Pete Nyznyk

Reviewed by: Jim Richard

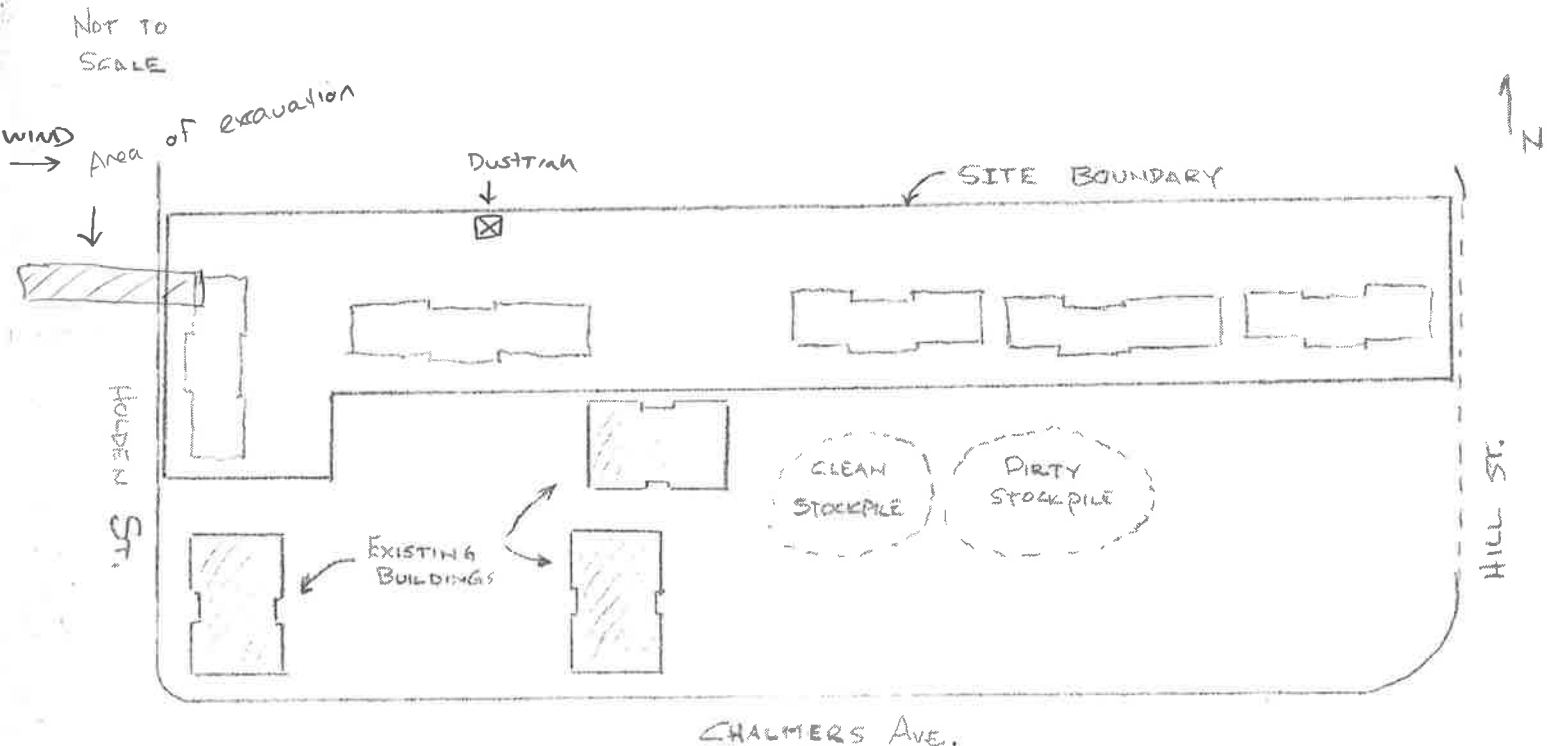
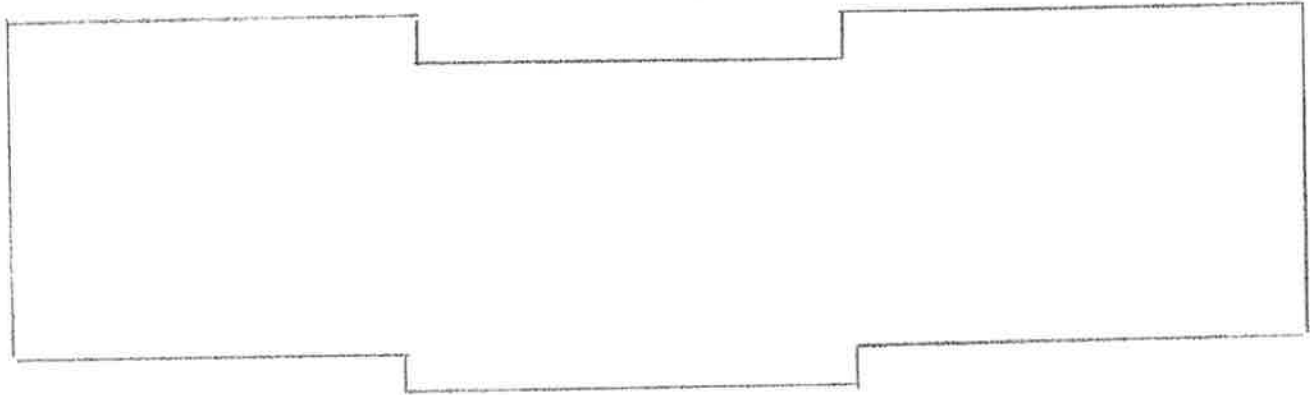
DAILY FIELD SUMMARY FORM

DATE: 4/24/2019

FILE No. 21.0056884.00

REPORT No. 19-63

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



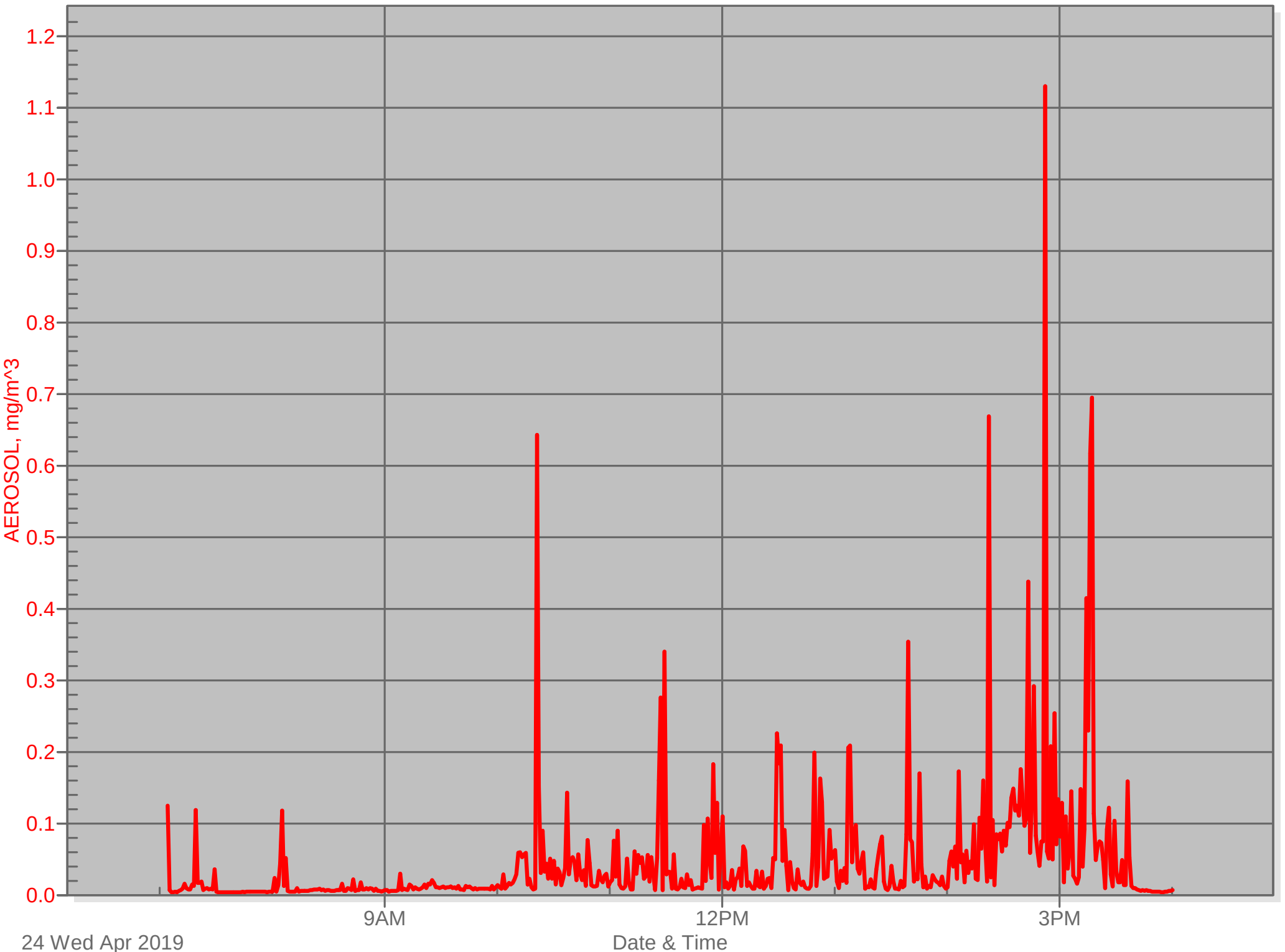
Test 068

Instrument		Data Properties	
Model	DustTrak II	Start Date	04/24/2019
Instrument S/N	8530162808	Start Time	07:03:16
		Stop Date	04/24/2019
		Stop Time	16:00:16
		Total Time	0:08:57:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.045 mg/m ³
Max	1.130 mg/m ³
Max Date	04/24/2019
Max Time	14:52:16
Min	0.004 mg/m ³
Min Date	04/24/2019
Min Time	07:06:16
TWA (8 hr)	0.042
TWA Start Date	04/24/2019
TWA Start Time	07:03:16
TWA End Time	16:00:16

Elim Town Homes

04-24-2019



DAILY FIELD SUMMARY FORM

DATE: 4/25/2019

FILE No. 21.0056884.00

REPORT No. 19-64

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 34°F Sunny

Temp Range: 34 to 63 °F

Wind Speed: 3 mph

Wind Direction: S-SE

Time GZA Arrived on Site: 0700

Site Conditions: Dry

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyrnyk
- GZA's Equipment On-Site: Dusttrak
Mini RAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure: N/A

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone continues to excavate for water utility line on west portion of site.
↳ excavation west to east direction → see field figure
- Viscone cuts curb uses chop saw to extend excavation ~6' west of water utility line
- Viscone repairs road (Holden St) by placing asphalt in excavation trench cut
- CAMP monitoring → No exceedances observed
- VOC monitoring → No elevated levels observed → 0.0 ppm

Photos taken: Yes

Time GZA left Site: 1600

Prepared by: Pete Nyrnyk

Reviewed by: Jim Richert

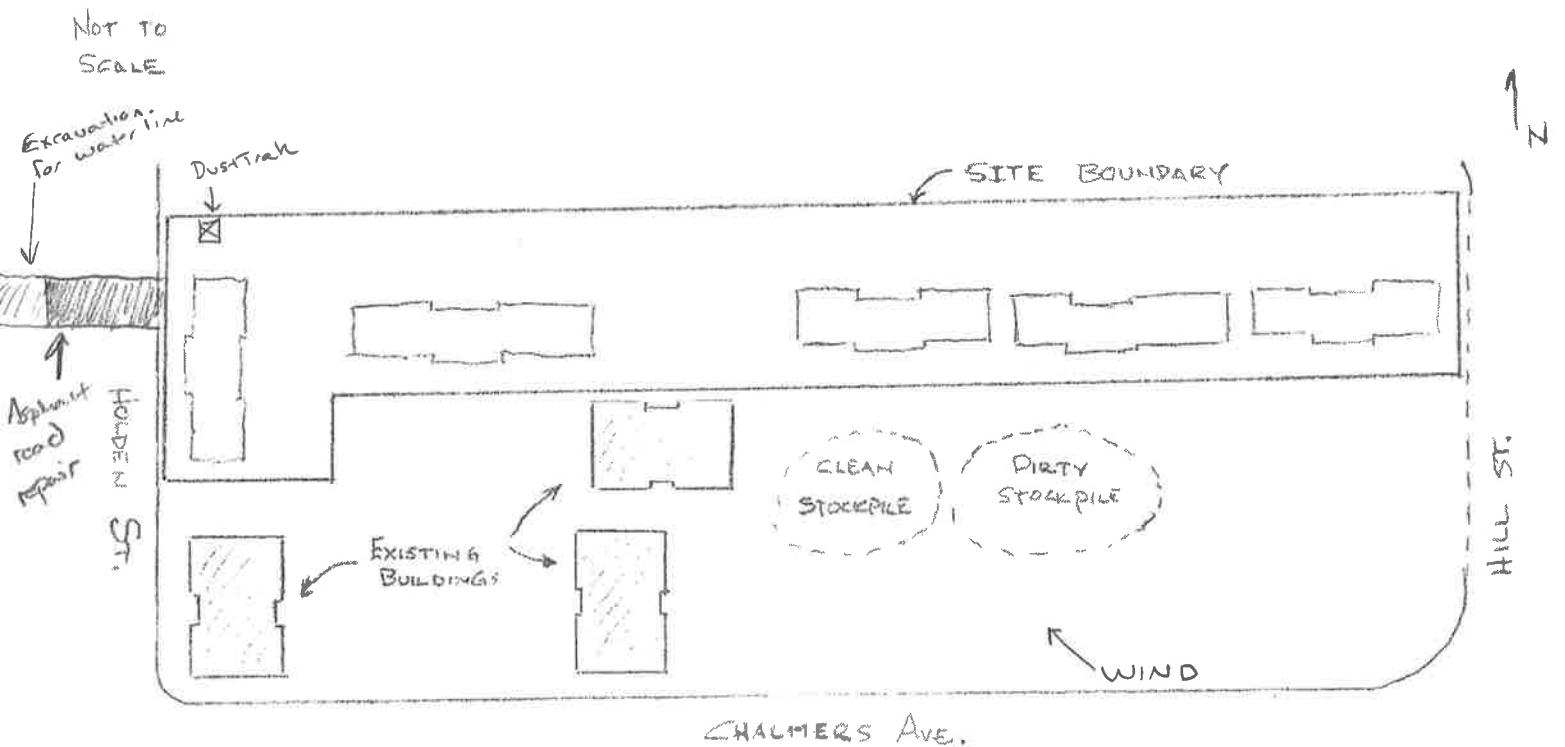
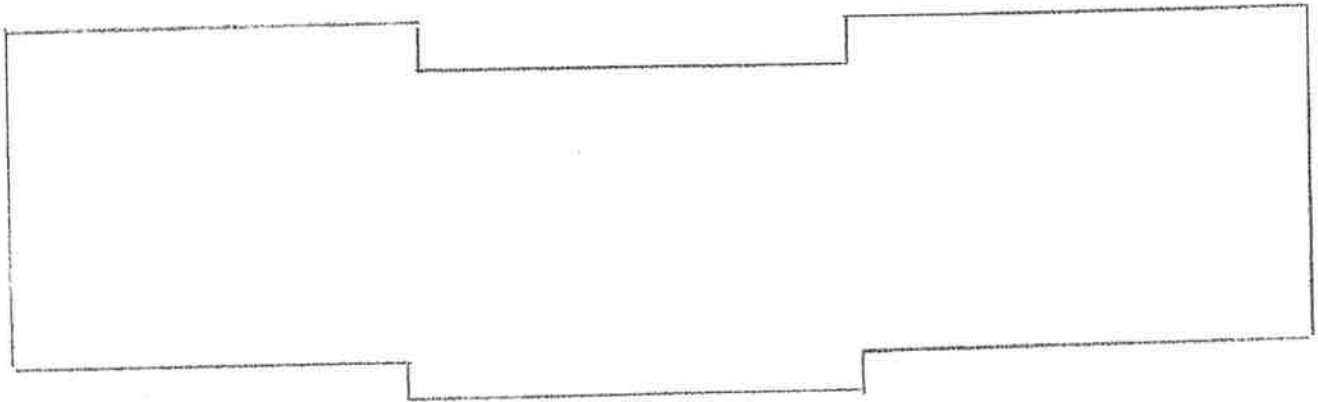
DAILY FIELD SUMMARY FORM

DATE: 4/25/2019

FILE No. 21.0056884.00

REPORT No. 19-64

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



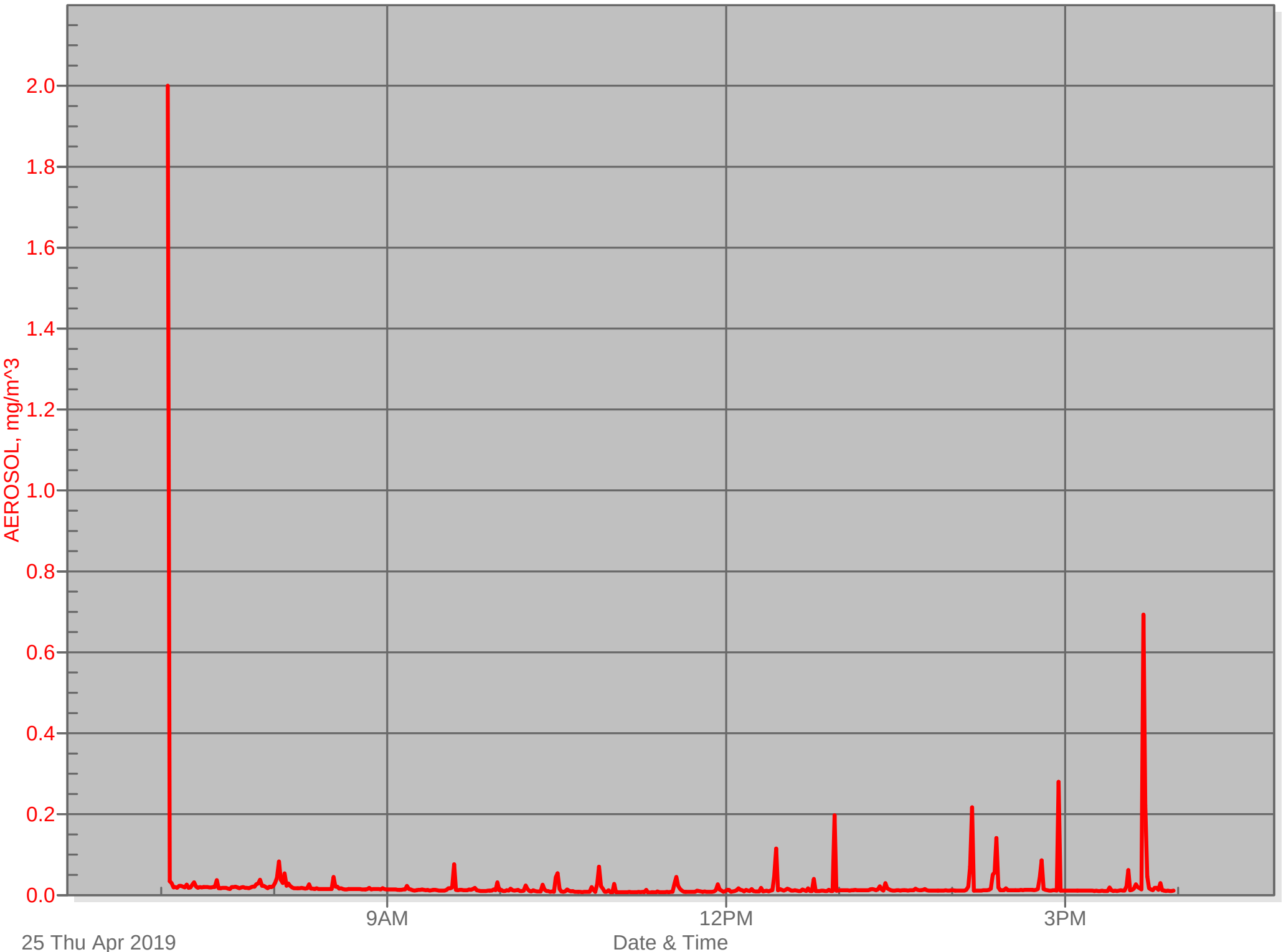
Test 069

Instrument		Data Properties	
Model	DustTrak II	Start Date	04/25/2019
Instrument S/N	8530162808	Start Time	07:02:31
		Stop Date	04/25/2019
		Stop Time	15:57:31
		Total Time	0:08:55:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.022 mg/m ³
Max	2.000 mg/m ³
Max Date	04/25/2019
Max Time	07:03:31
Min	0.006 mg/m ³
Min Date	04/25/2019
Min Time	11:18:31
TWA (8 hr)	0.021
TWA Start Date	04/25/2019
TWA Start Time	07:02:31
TWA End Time	15:57:31

Elim Town Homes

04-25-2019



DAILY FIELD SUMMARY FORM

DATE: 4/26/ 2019

FILE No. 21.0056884.00

REPORT No. 19-65

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 60°F Rain

Temp Range: 60 to 63 °F

Wind Speed: 13 mph

Wind Direction: SE

Time GZA Arrived on Site: 0710

Site Conditions: Mud + Wet

Contractors on Site: Viscore

- GZA Personnel On-Site: Pete Nymykh
- GZA's Equipment On-Site: Mini RAE3000

Due to rain Dusttrak not set up.

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

N/A

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscore continues to excavate for water utility line.
↳ water pipe is installed on clean stone and excavation trench is backfilled w/ clean stone.
- CAMP monitoring not set up due to rain.
- VOC monitoring of excavation area → No elevated levels observed → 0.0 ppm

Photos taken: Yes

Time GZA left Site: 1300

Prepared by: Pete Nymykh

Reviewed by:

Jim Ricourt

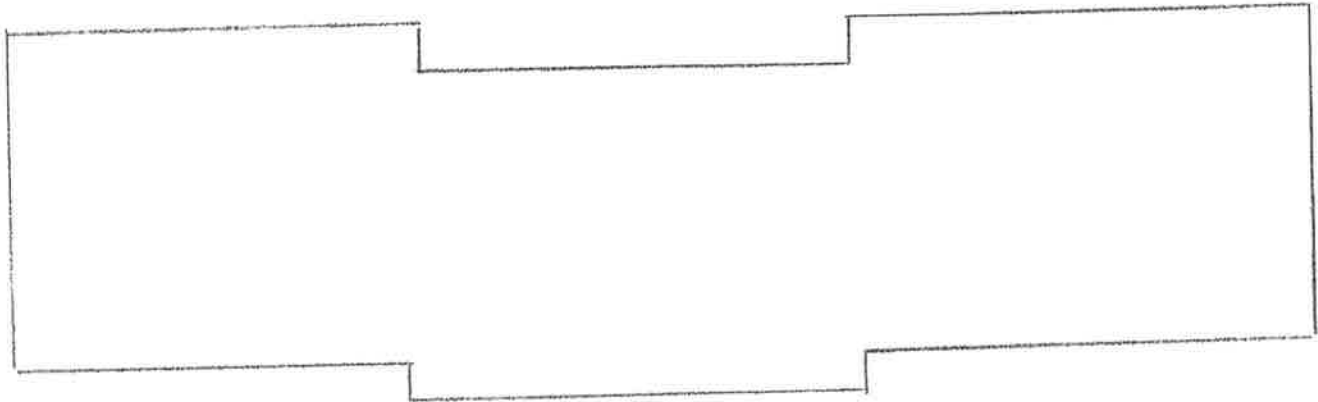
DAILY FIELD SUMMARY FORM

DATE: 4/26/ 2019

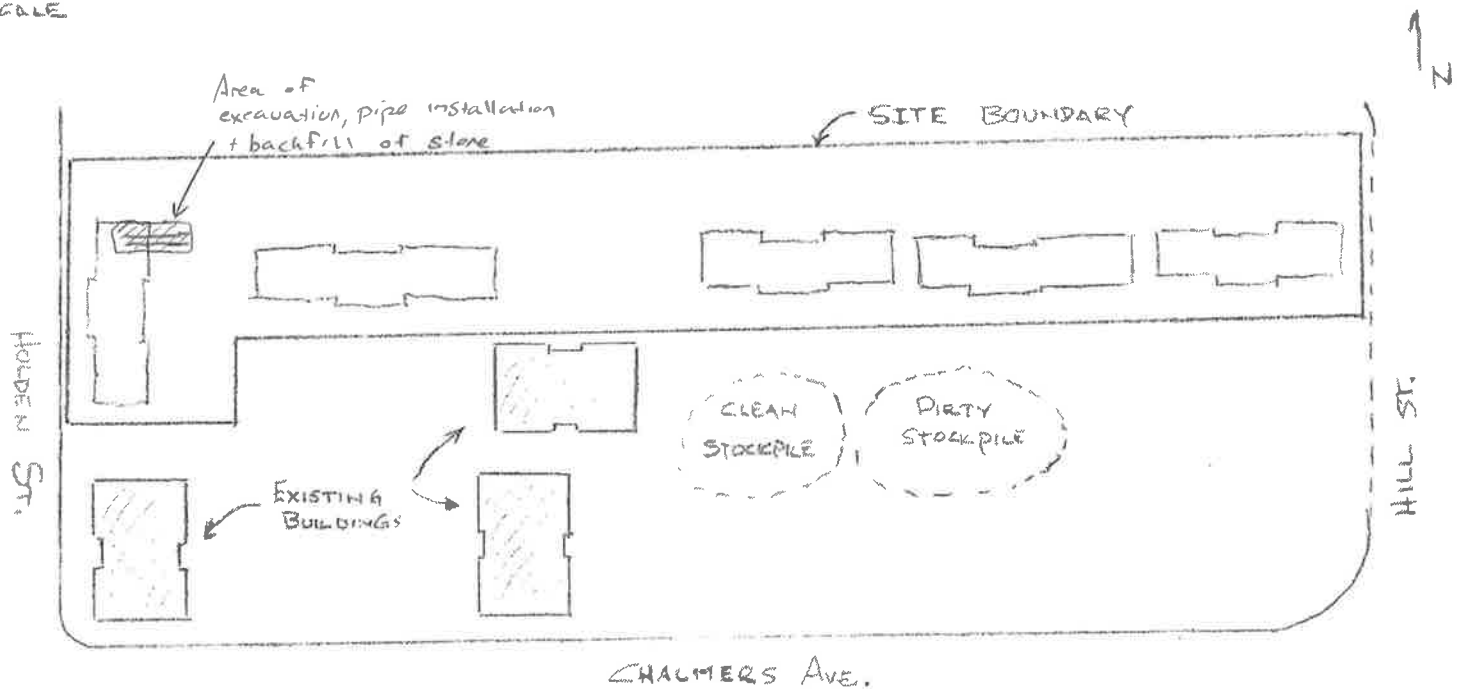
FILE No. 21.0056884.00

REPORT No. 19-65

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



DAILY FIELD SUMMARY FORM

DATE: 4/29 2019

FILE No. 21.0056884.00

REPORT No. 19-66

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 30°F Partly Cloudy

Temp Range: 30 to 52 °F

Wind Speed: 6 mph

Wind Direction: NE

Time GZA Arrived on Site: 0700

Site Conditions: Dry

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyznykh
- GZA's Equipment On-Site: DustTrak
MiniRAE3000

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)

- Viscone continues to excavate for water utility line on western portion of site → Some excavation areas encounter shallow bedrock that required to be broken up to reach building grade for water lines
- Viscone backfills w/clean stone prior to pipe installation.
- Viscone installs 4" 3'8" water lines
- Viscone backfills parts of excavation trench w/clean stone after pipe was installed
- CAMP monitoring → No exceedences observed
- VOC monitoring → No elevated levels observed.

Photos taken: Yes

Time GZA left Site: 1620

Prepared by: Pete Nyznykh

Reviewed by: Jim Richey

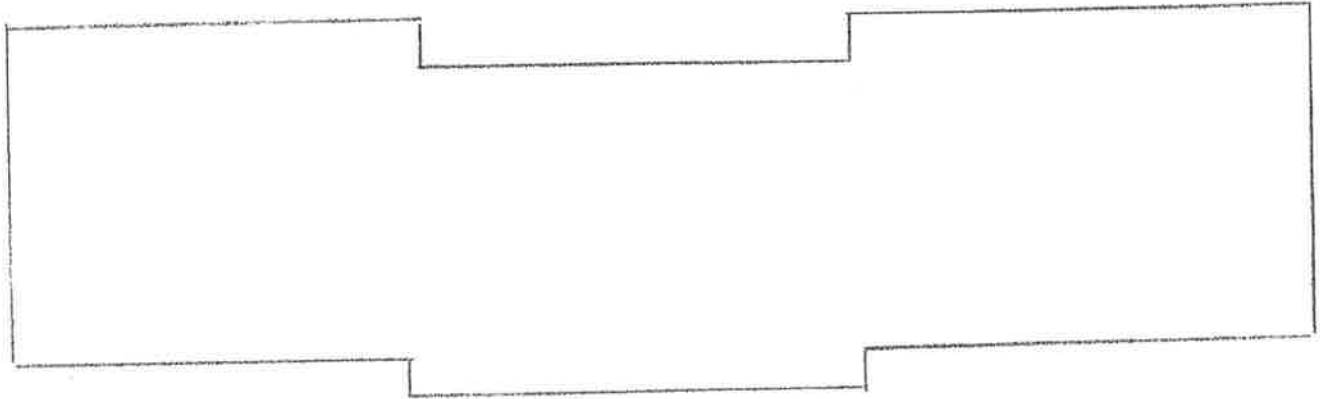
DAILY FIELD SUMMARY FORM

DATE: 4/29 2019

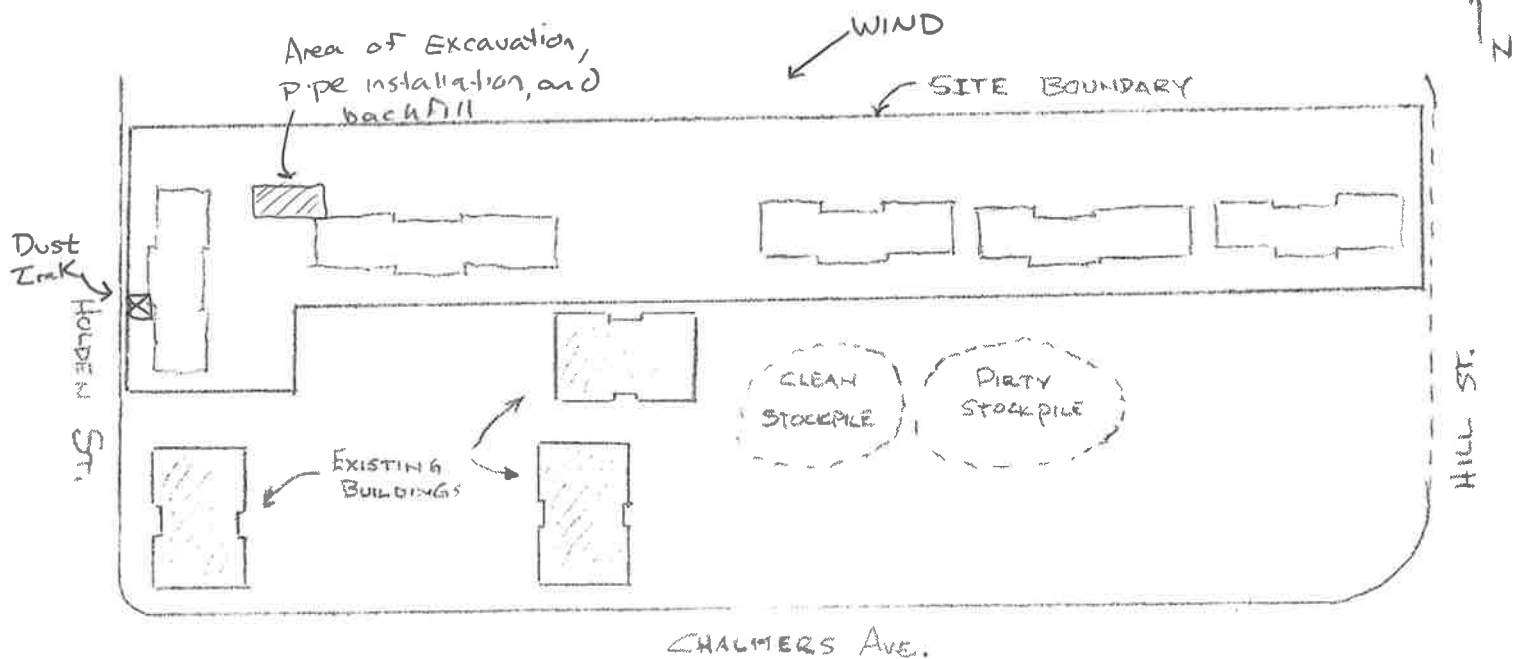
FILE No. 21.0056884.00

REPORT No. 19-66

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



Not to
Scale



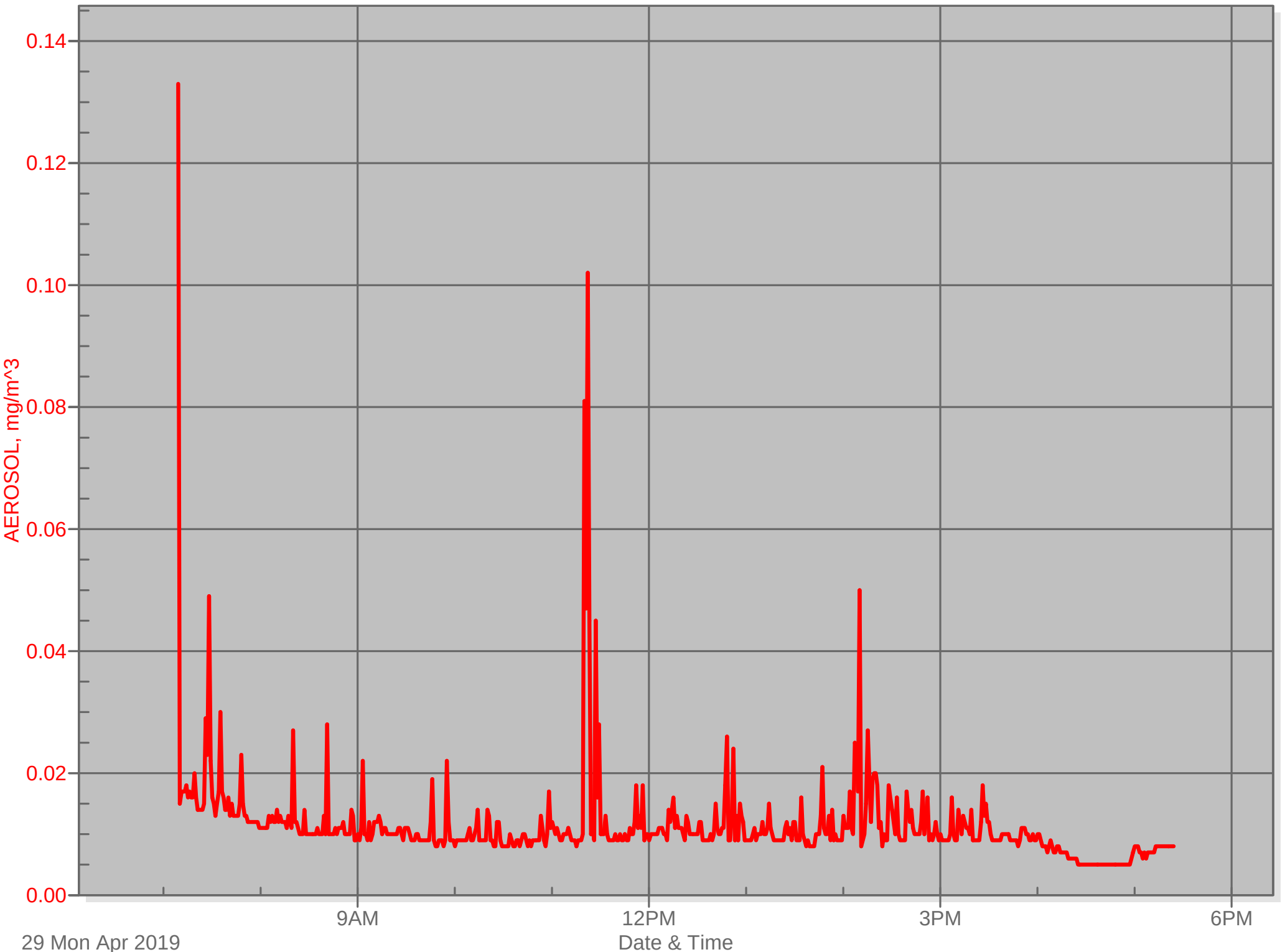
Test 070

Instrument		Data Properties	
Model	DustTrak II	Start Date	04/29/2019
Instrument S/N	8530162808	Start Time	07:08:08
		Stop Date	04/29/2019
		Stop Time	17:24:08
		Total Time	0:10:16:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.011 mg/m ³
Max	0.133 mg/m ³
Max Date	04/29/2019
Max Time	07:09:08
Min	0.005 mg/m ³
Min Date	04/29/2019
Min Time	16:25:08
TWA (8 hr)	0.012
TWA Start Date	04/29/2019
TWA Start Time	07:08:08
TWA End Time	17:24:08

Elim Town Homes

04-29-2019



DAILY FIELD SUMMARY FORM

DATE: 4/30/2019

FILE No. 21.0056884.00

REPORT No. 19-67

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 39°F Cloudy

Temp Range: 39 to 59 °F

Wind Speed: 8 mph

Wind Direction: N

Time GZA Arrived on Site: 0700

Site Conditions: Wet/Muddy

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyznyk
- GZA's Equipment On-Site: Dust Trail
MiniRAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure: N/A

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone excavates for water utility lines on western portion of site digging to the east. → Soil is direct loaded and staged south of site
- Viscone places clean stone on bottom of trench as bedding stone prior to water pipe installation
- Viscone installs 4" x 8" water pipe.
- Viscone backfills areas of excavation trench w/clean stone after pipe installation.
- Viscone excavates small area across Holden St to access water main. → area is backfilled w/clean stone
- During CAMP monitoring → No exceedances were observed
- VOC monitoring during excavation activities → No elevated levels were observed

Photos taken: Yes

Time GZA left Site: 1530

Prepared by: Pete Nyznyk

Reviewed by: Jim Kichert

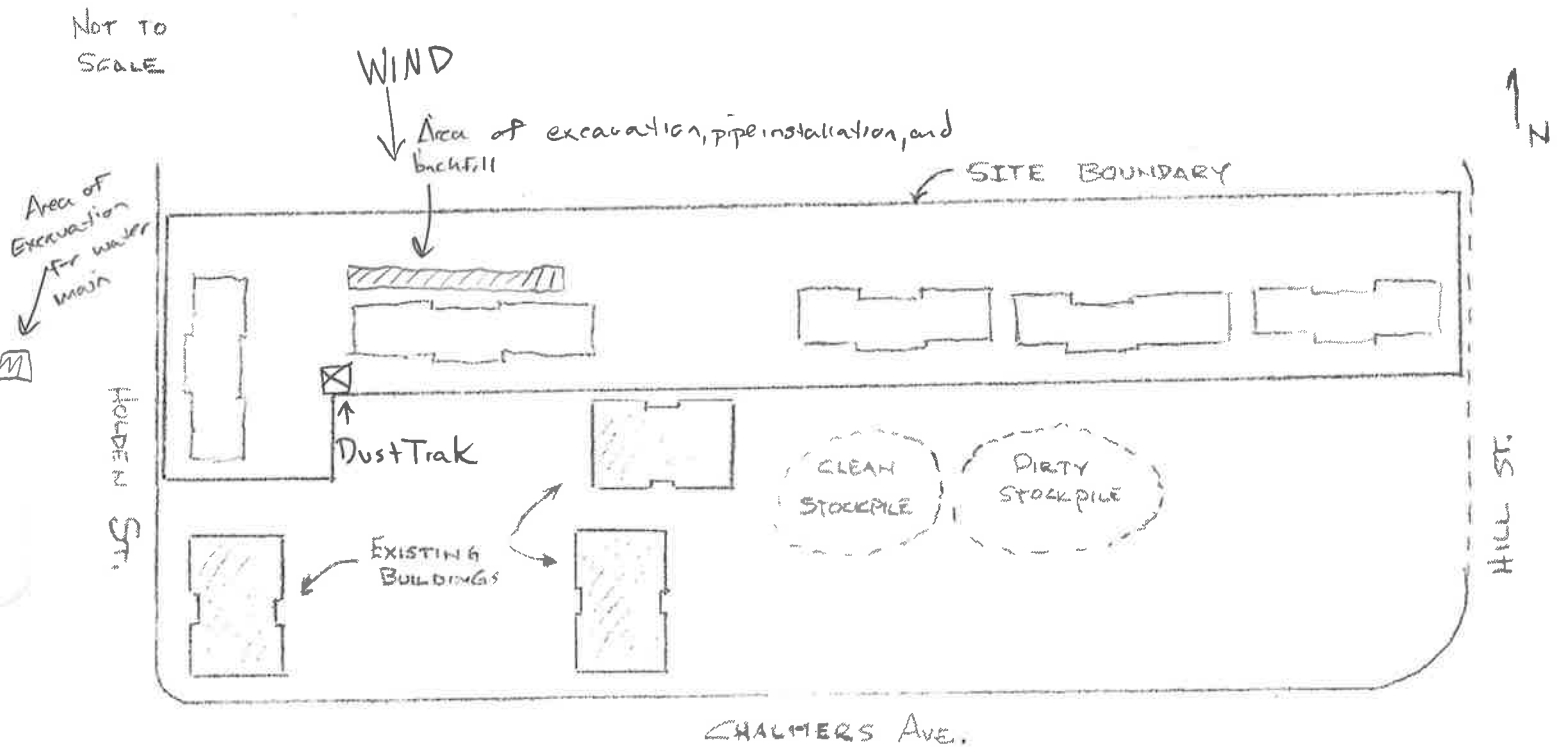
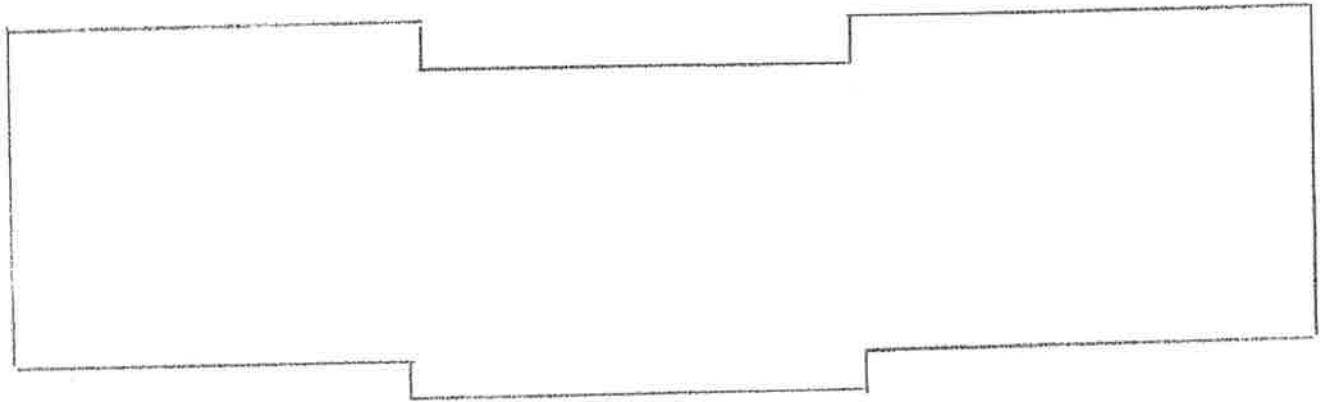
DAILY FIELD SUMMARY FORM

DATE: 4/30/2019

FILE No. 21.0056884.00

REPORT No. 19-67

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



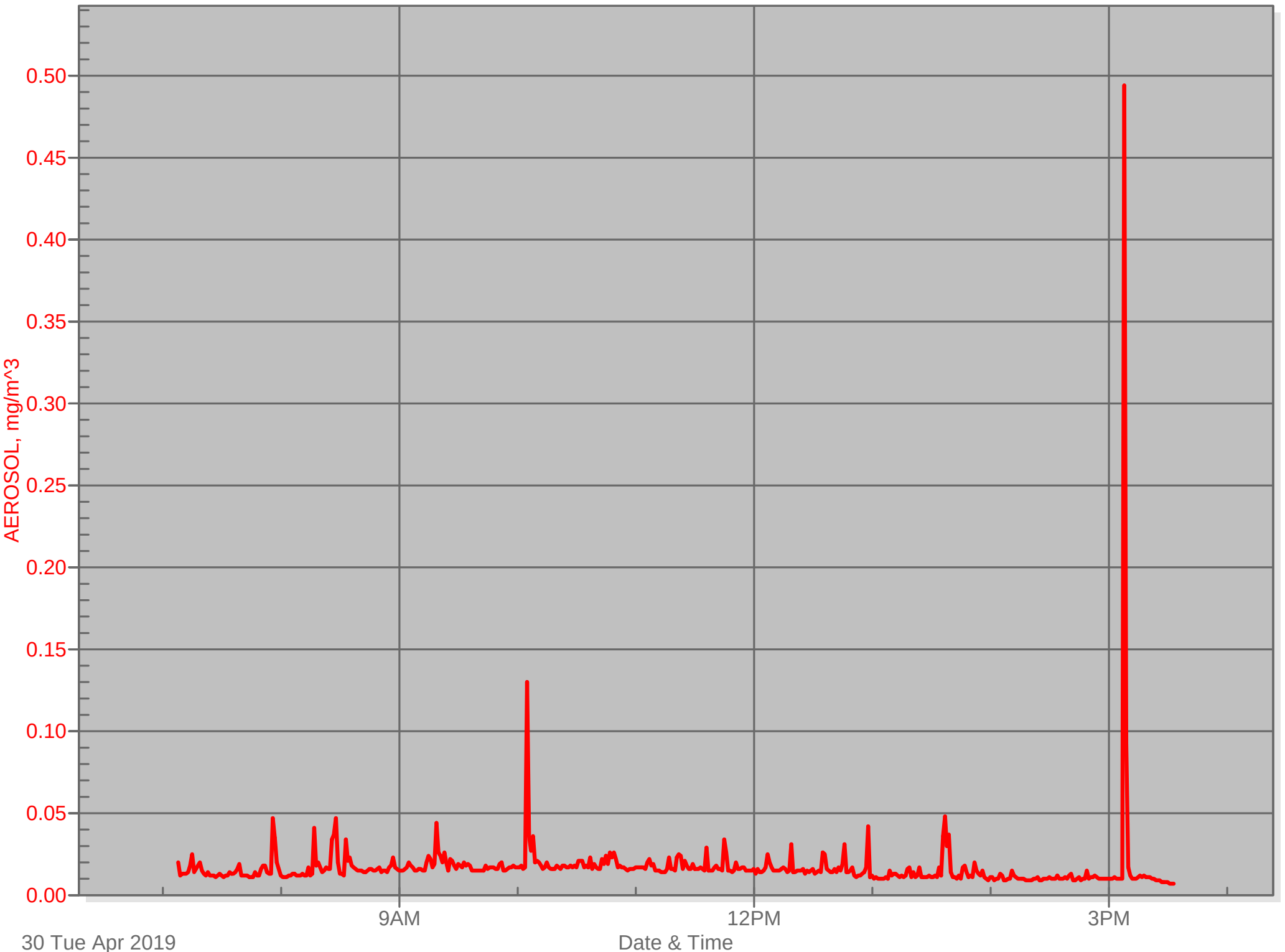
Test 071

Instrument		Data Properties	
Model	DustTrak II	Start Date	04/30/2019
Instrument S/N	8530162808	Start Time	07:06:49
		Stop Date	04/30/2019
		Stop Time	15:32:49
		Total Time	0:08:26:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.017 mg/m ³
Max	0.494 mg/m ³
Max Date	04/30/2019
Max Time	15:07:49
Min	0.007 mg/m ³
Min Date	04/30/2019
Min Time	15:30:49
TWA (8 hr)	0.016
TWA Start Date	04/30/2019
TWA Start Time	07:06:49
TWA End Time	15:32:49

Elim Town Homes

04-30-2019



DAILY FIELD SUMMARY FORM

DATE: 5/11 2019

FILE No. 21.0056884.00

REPORT No. 19-68

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 50°F cloudy

Temp Range: 50 to 70 °F

Wind Speed: 8 mph

Wind Direction: E-NE

Time GZA Arrived on Site: 0700

Site Conditions: Wet / Muddy

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyzyn
- GZA's Equipment On-Site: DUSTTRAK
MiniRAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure: N/A

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone stock piles clean stone north of Bldg C for future use of backfilling excavation area for water main line.
- Viscone continues to excavate east for water utility line. Soil is direct loaded and stock piled south of site.
- Viscone places bedding stone on bottom of excavation prior to installing water pipe.
- Viscone backfills excavation trench w/clean stone after water pipe is installed.
- Viscone begins to excavate soil in preparation for Bldg D - see field sketch.
- CAMP monitoring → No exceedances observed
- VOC monitoring → No elevated levels observed

Photos taken: Yes

Time GZA left Site: 1630

Prepared by: Pete Nyzyn

Reviewed by: Jim Richard

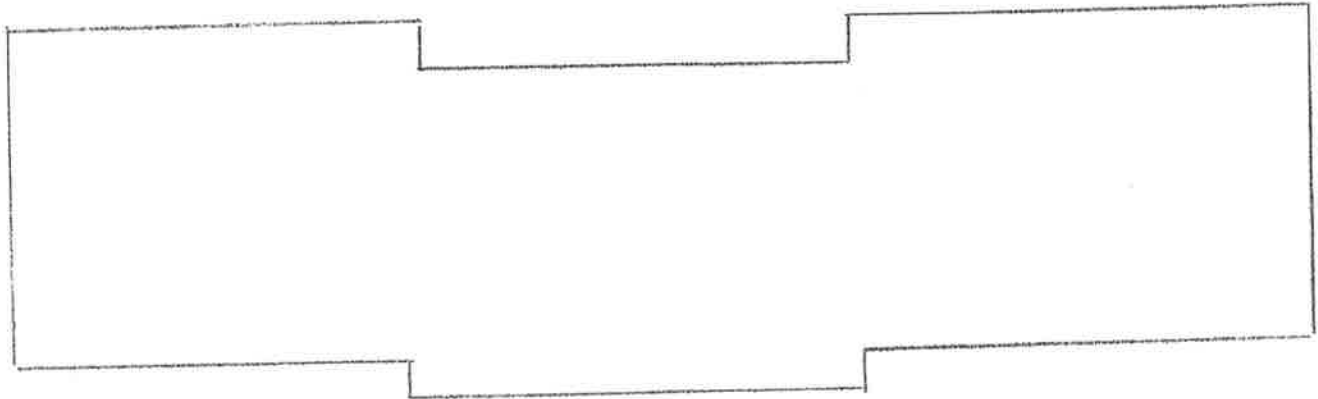
DAILY FIELD SUMMARY FORM

DATE: 5/1/2019

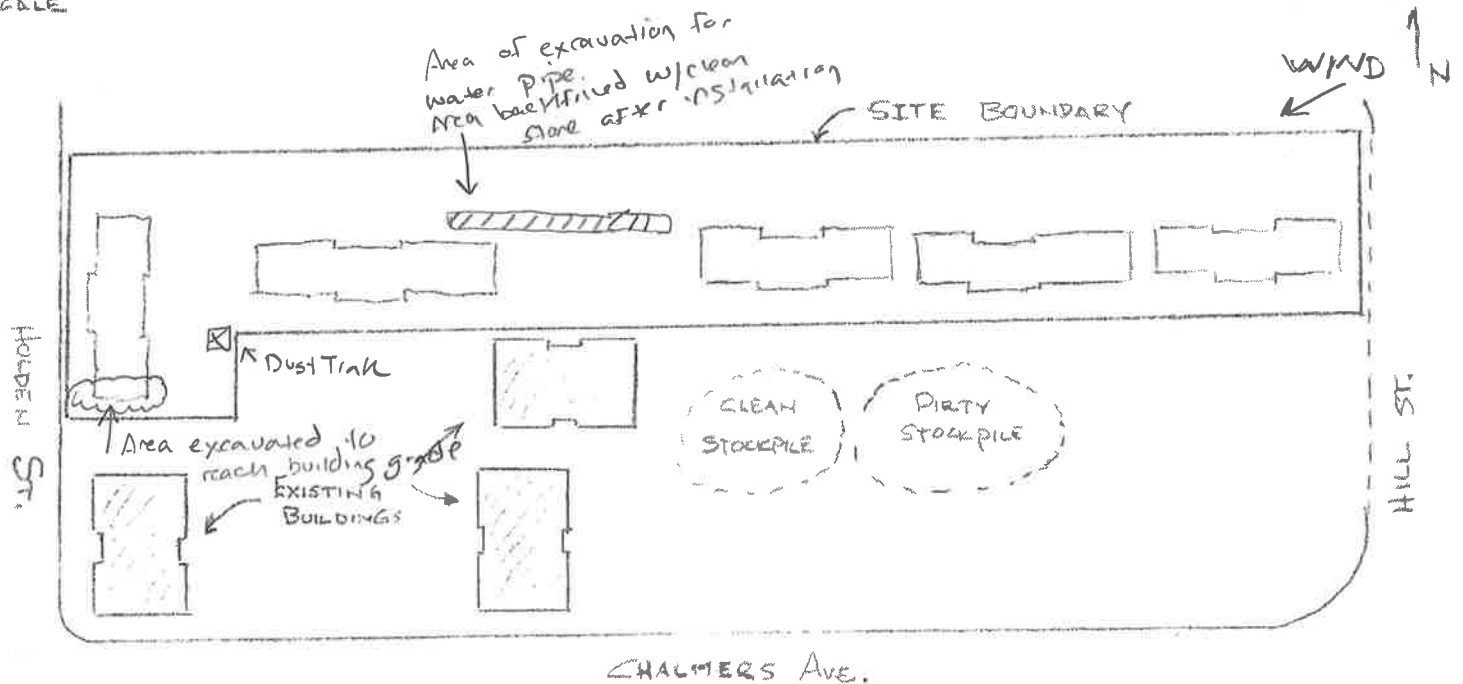
FILE No. 21.0056884.00

REPORT No. 19-68

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



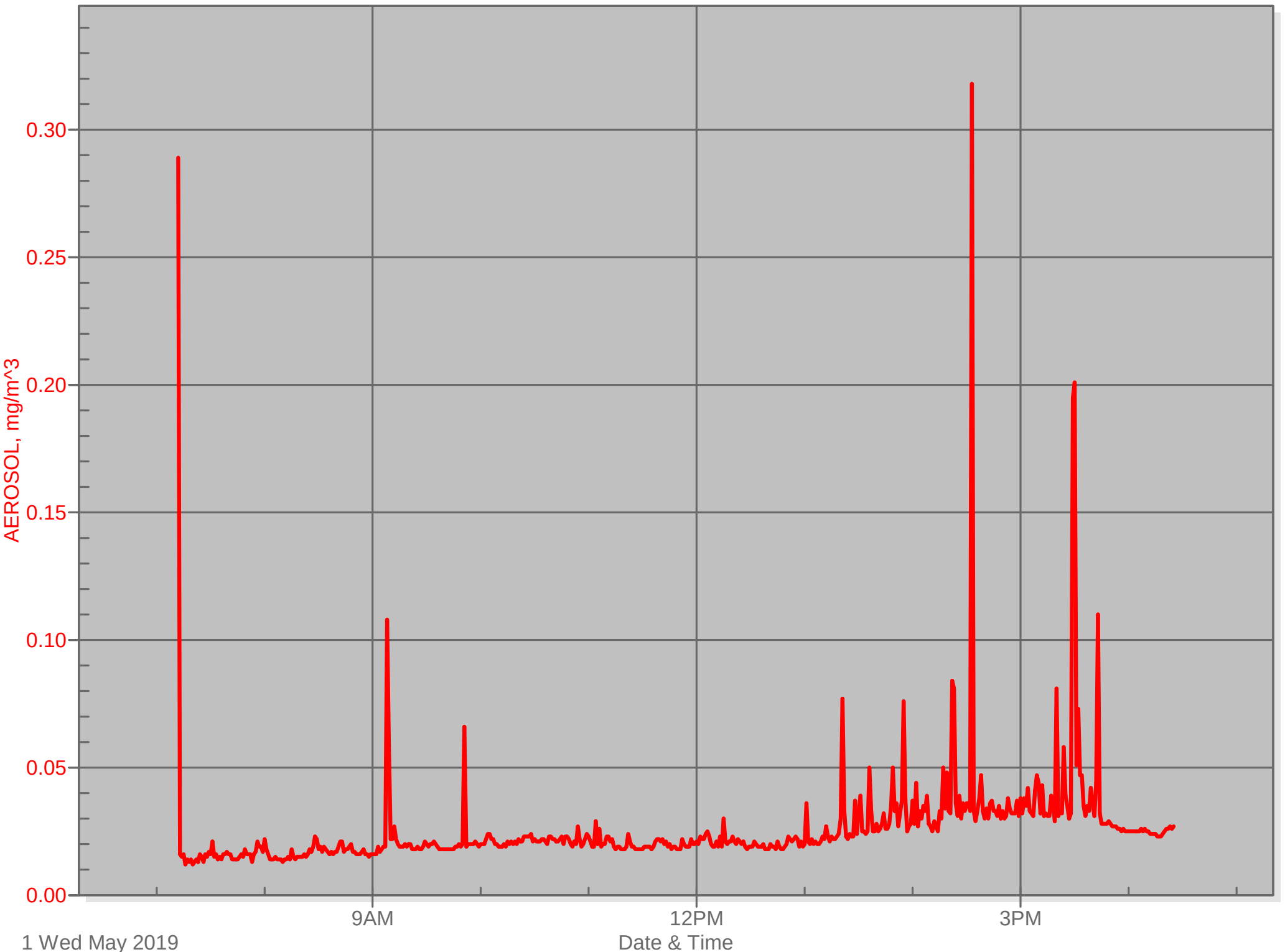
Test 072

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/01/2019
Instrument S/N	8530162808	Start Time	07:11:01
		Stop Date	05/01/2019
		Stop Time	16:25:01
		Total Time	0:09:14:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.026 mg/m ³
Max	0.318 mg/m ³
Max Date	05/01/2019
Max Time	14:33:01
Min	0.012 mg/m ³
Min Date	05/01/2019
Min Time	07:16:01
TWA (8 hr)	0.024
TWA Start Date	05/01/2019
TWA Start Time	07:11:01
TWA End Time	16:25:01

Elim Town Homes

05-01-2019



DAILY FIELD SUMMARY FORM

DATE: 5/2/2019

FILE No. 21.0056884.00

REPORT No. 19-69

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 50°F Cloudy

Temp Range: 50 to 59 °F

Wind Speed: 4 mph

Wind Direction: W

Time GZA Arrived on Site: 0700

Site Conditions: Well / Muddy

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyznyk
- GZA's Equipment On-Site: DusETrak
MiniRAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure: N/A

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone continues to excavate for water main line.
- Viscone begins to excavate for foundation footer for Bldg D
- Viscone backfill areas of excavation for water line after pipe is installed. Viscone used clean stone to backfill excavation area.
- Excavated soils were direct loaded onto loaded and stockpiled south of site
- CAMP monitoring → No exceedences observed
- VOC monitoring → No elevated levels observed
- In water pipe excavation trench clean stone was used as backfill and the top 2' clean soil cap material was used.

Photos taken: Yes

Time GZA left Site: 1030

Prepared by: Pete Nyznyk

Reviewed by: Jim Richert

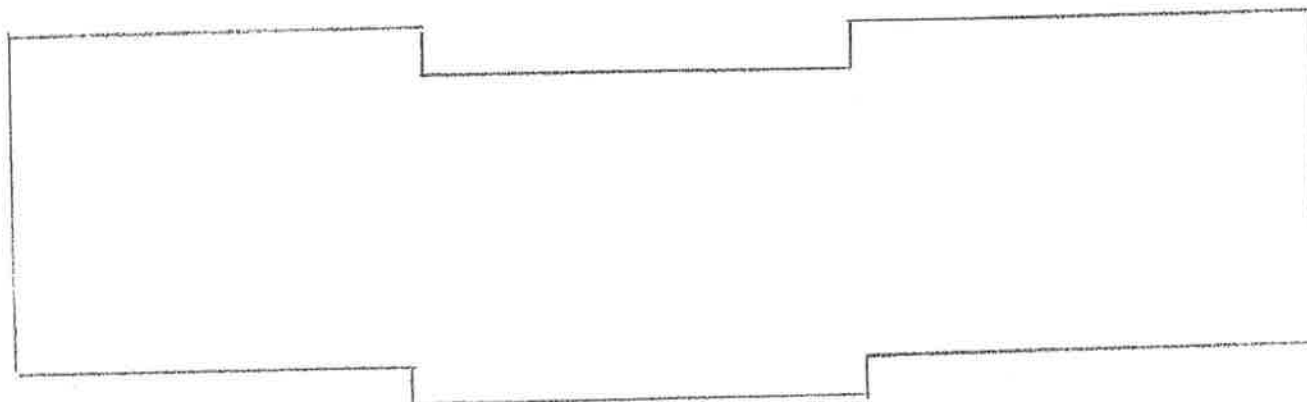
DAILY FIELD SUMMARY FORM

DATE: 5/2/2019

FILE No. 21.0056884.00

REPORT No. 19-69

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE

Area excavated for
Foundation Footers

Area of excavation for water line
water pipe installation → backfilled w/ clean stone
after pipe was installed,

SITE BOUNDARY

N

☒ - DUST
TRAIL

HILL ST.

CHALMERS AVE.

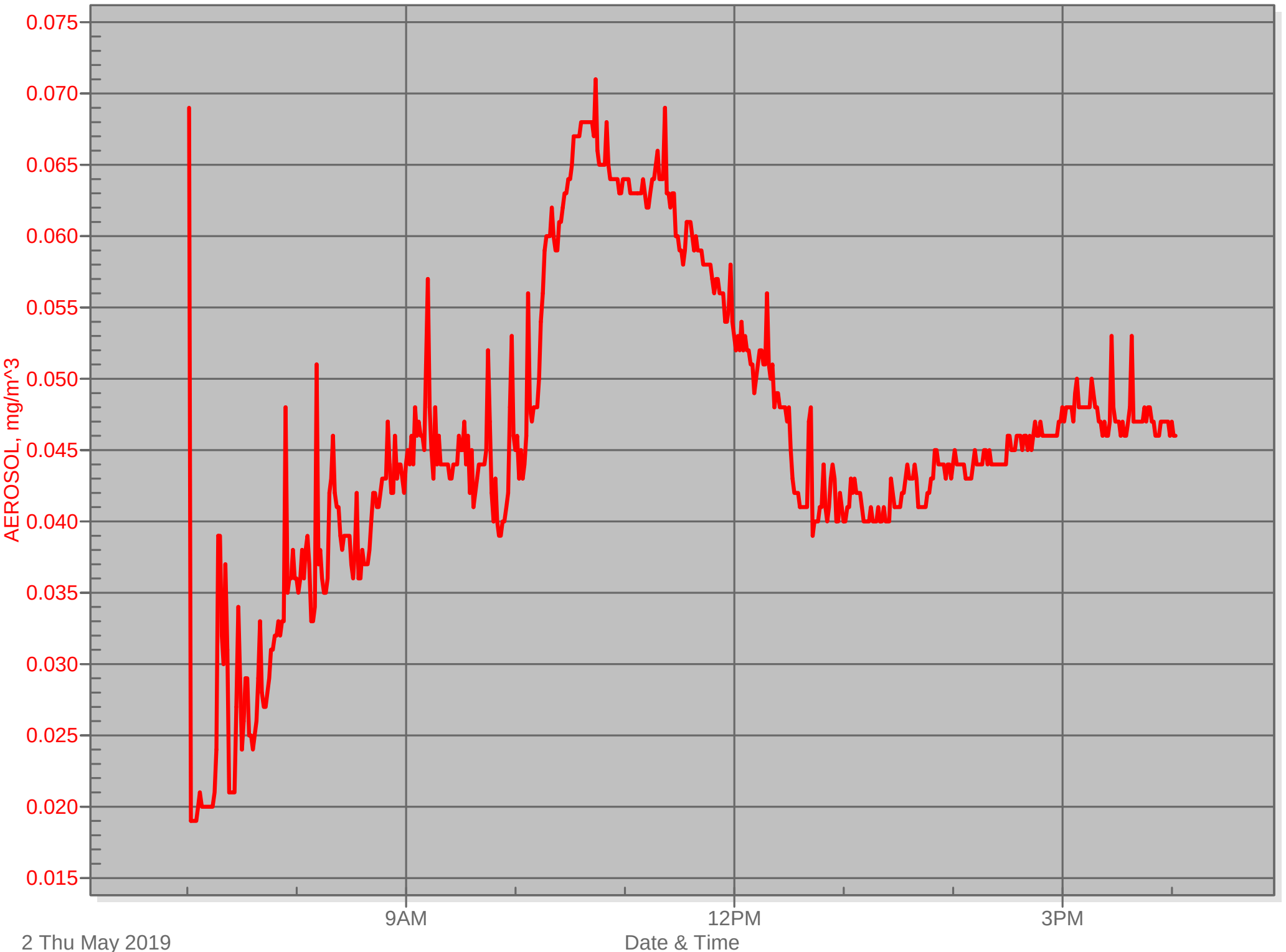
Test 073

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/02/2019
Instrument S/N	8530162808	Start Time	06:59:56
		Stop Date	05/02/2019
		Stop Time	16:01:56
		Total Time	0:09:02:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.046 mg/m ³
Max	0.071 mg/m ³
Max Date	05/02/2019
Max Time	10:43:56
Min	0.019 mg/m ³
Min Date	05/02/2019
Min Time	07:01:56
TWA (8 hr)	0.046
TWA Start Date	05/02/2019
TWA Start Time	06:59:56
TWA End Time	16:01:56

Elim Town Homes

05-02-2019



DATE: 5/3 2019

DAILY FIELD SUMMARY FORM

FILE No. 21.0056884.00

REPORT No. 19- 70

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: _____

Temp Range 50 to 57 °F
Wind Speed: 5-10 mph
Wind Direction: WSW

Time GZA Arrived on Site: 7:49

Site Conditions: Wet-muddy

Contractors on Site: - VISIONE
- BLASTOLA Heating & Cooling
- concrete

- GZA Personnel On-Site: JIM RICHERT
- GZA's Equipment On-Site: - DUST TRAK
- MIRAGE 3000 (PLD)

Name of NYSDEC Representative(s) on Site: N/A

Time of arrival/Time of departure: N/A

Issues Discussed with NYSDEC: N/A

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- AT Building D -
- Poured West Wall ^{South} FOOTERS
 - EXCAVATED EAST wall FOR FOOTER
 - SET FORMS FOR EAST wall FOOTER
 - Poured Building D EAST wall FOOTER.

Photos taken: yes

Time GZA left Site: 11:15

Prepared by: JIM RICHERT

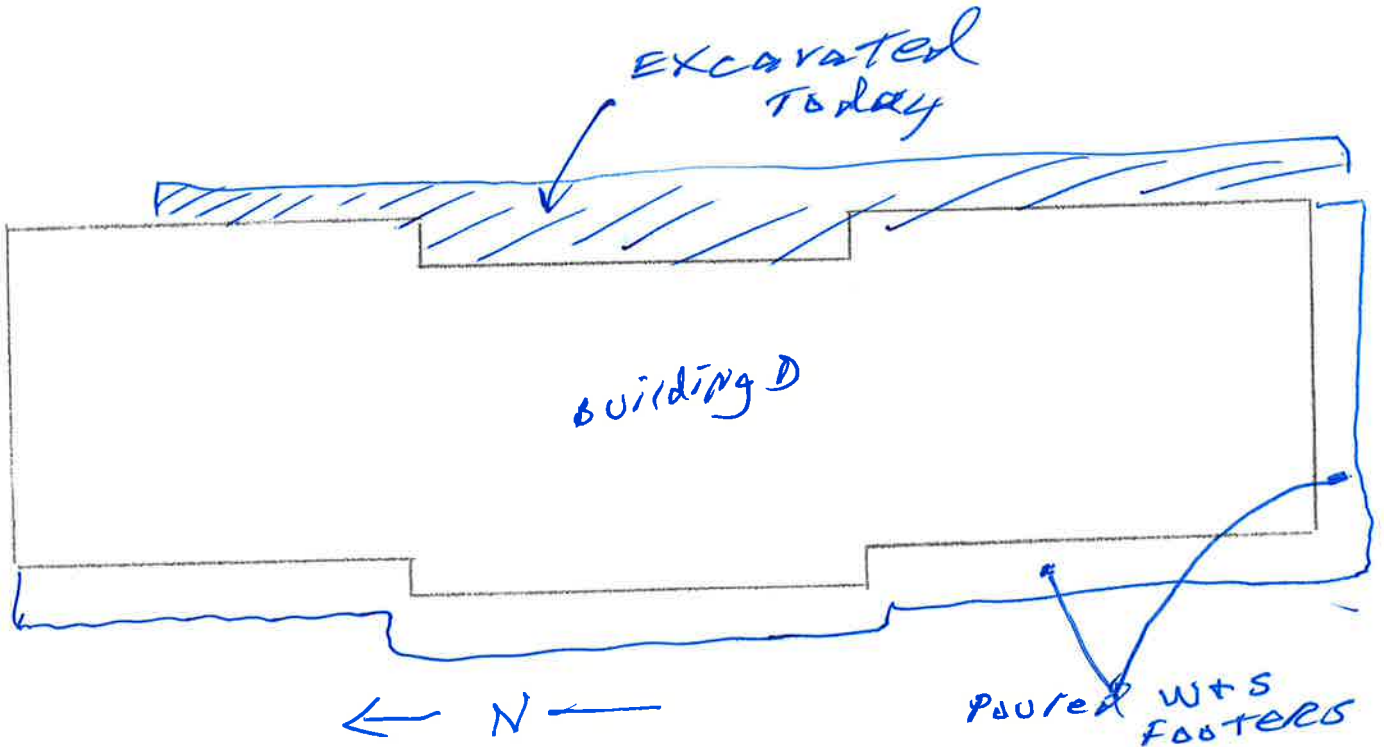
Reviewed by: Jim Richert

DATE: 5/3 2019

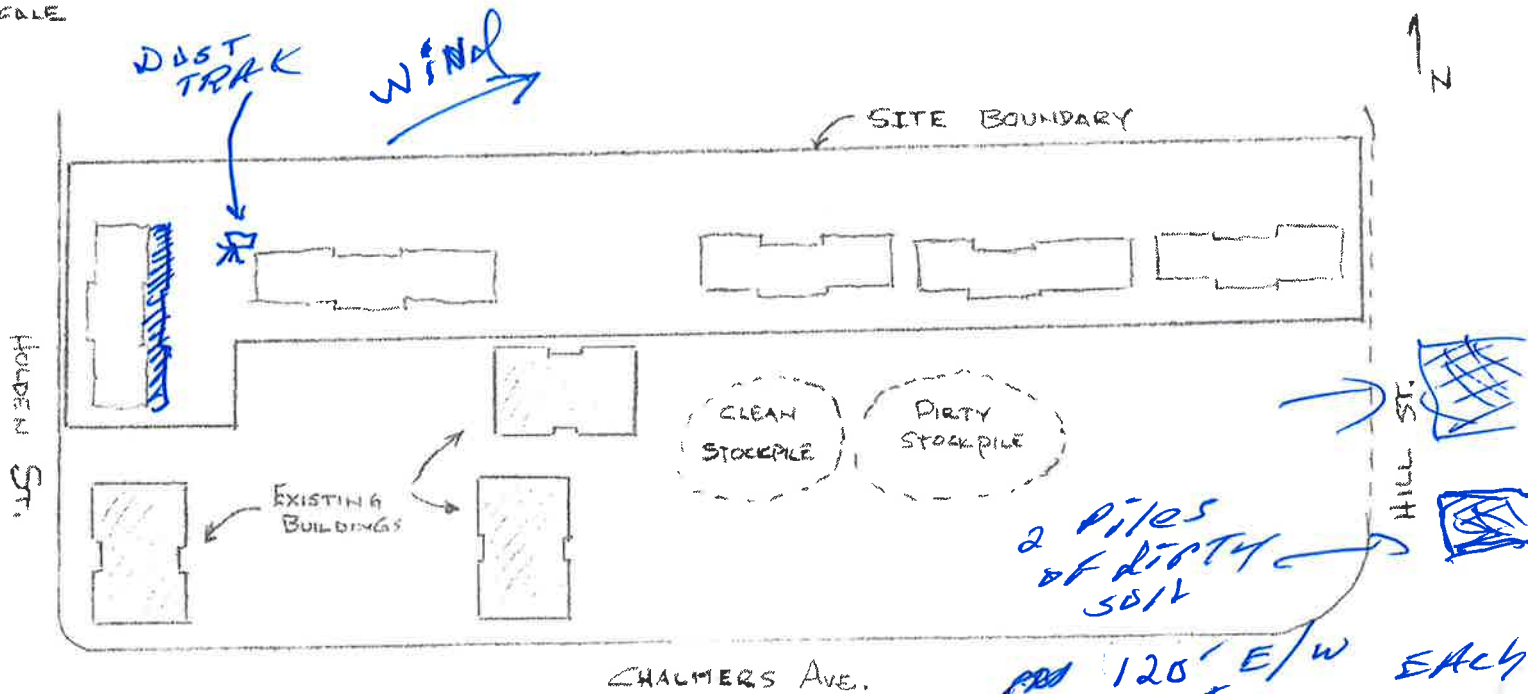
DAILY FIELD SUMMARY FORM
FILE No. 21.0056884.00

REPORT No. 19-70

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



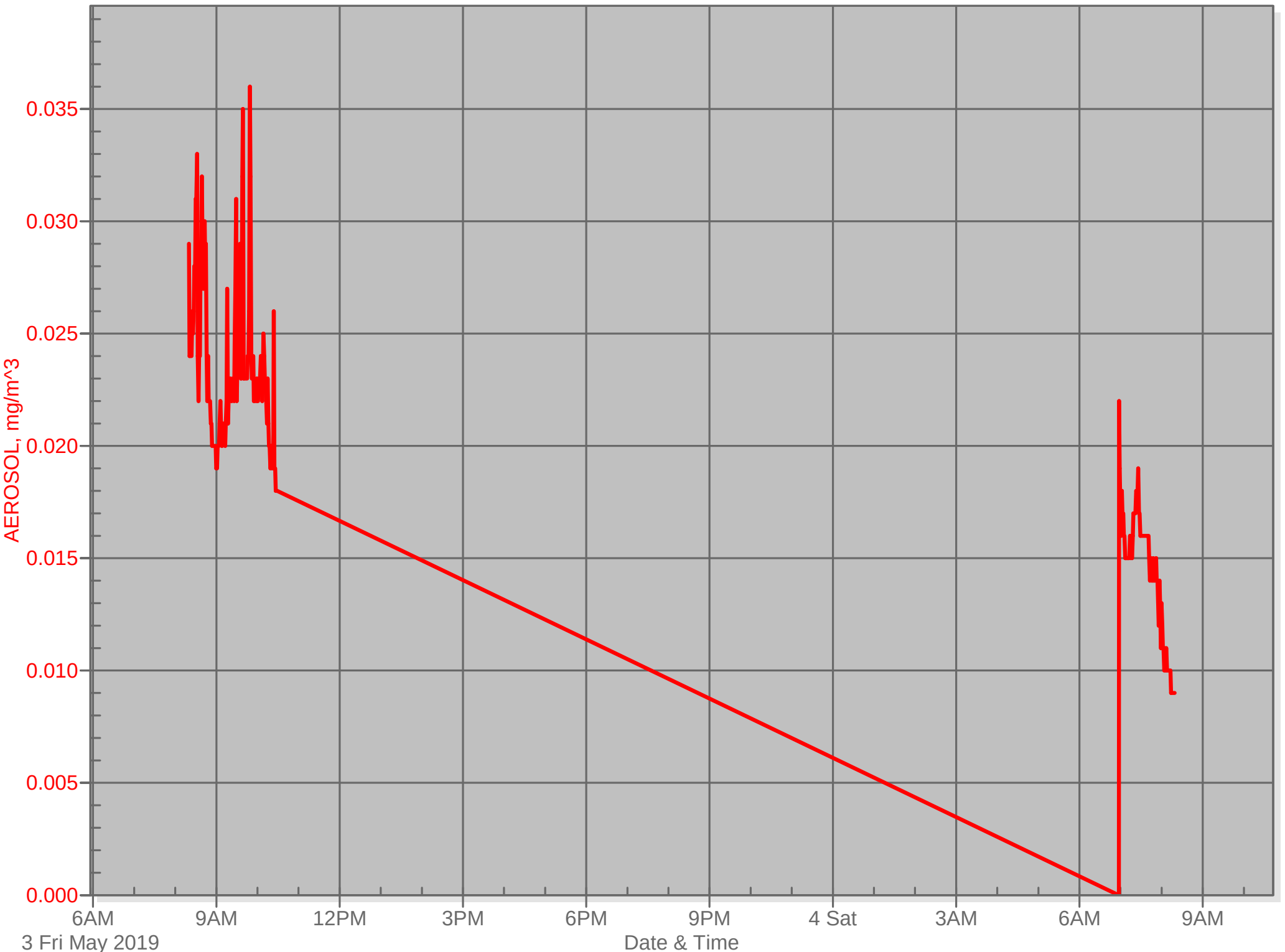
Test 074

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/03/2019
Instrument S/N	8530162808	Start Time	08:18:50
		Stop Date	05/04/2019
		Stop Time	08:18:50
		Total Time	1:00:00:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.020 mg/m ³
Max	0.036 mg/m ³
Max Date	05/03/2019
Max Time	09:48:50
Min	0.000 mg/m ³
Min Date	05/04/2019
Min Time	06:57:32
TWA (8 hr)	0.006
TWA Start Date	05/03/2019
TWA Start Time	08:18:50
TWA End Time	08:18:50

Elim Town Homes

05-03-2019



DAILY FIELD SUMMARY FORM

DATE: 5/6/ 2019

FILE No. 21.0056884.00

REPORT No. 19-71

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 49°F sunny

Temp Range: 49 to 65 °F

Wind Speed: 8 mph

Wind Direction: SW

Time GZA Arrived on Site: 0705

Site Conditions: Dry

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyznyk
- GZA's Equipment On-Site: Dustman
MiniRAE 3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure: N/A

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone continues to excavate for water line.
↳ Soil is direct loaded and staged soil of site
- Viscone places bedding stone on bottom of excavation prior to pipe installation
- After pipe installation clean stone is backfilled in excavation
- CAMP monitoring → No exceedences observed
- VOC monitoring → No elevated levels observed

Photos taken: Yes

Time GZA left Site: 1530

Prepared by: Pete Nyznyk

Reviewed by: Jim Richard

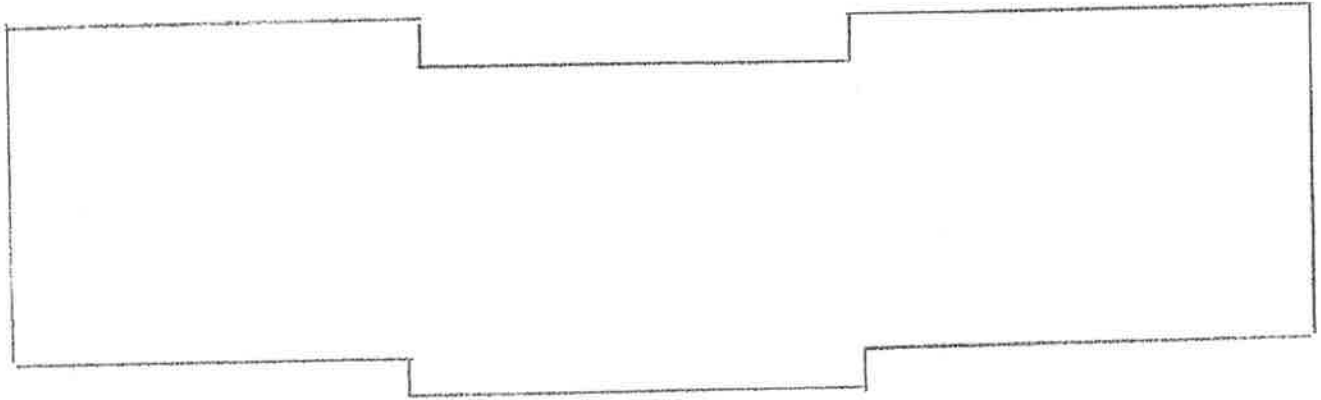
DAILY FIELD SUMMARY FORM

DATE: 5/6/2019

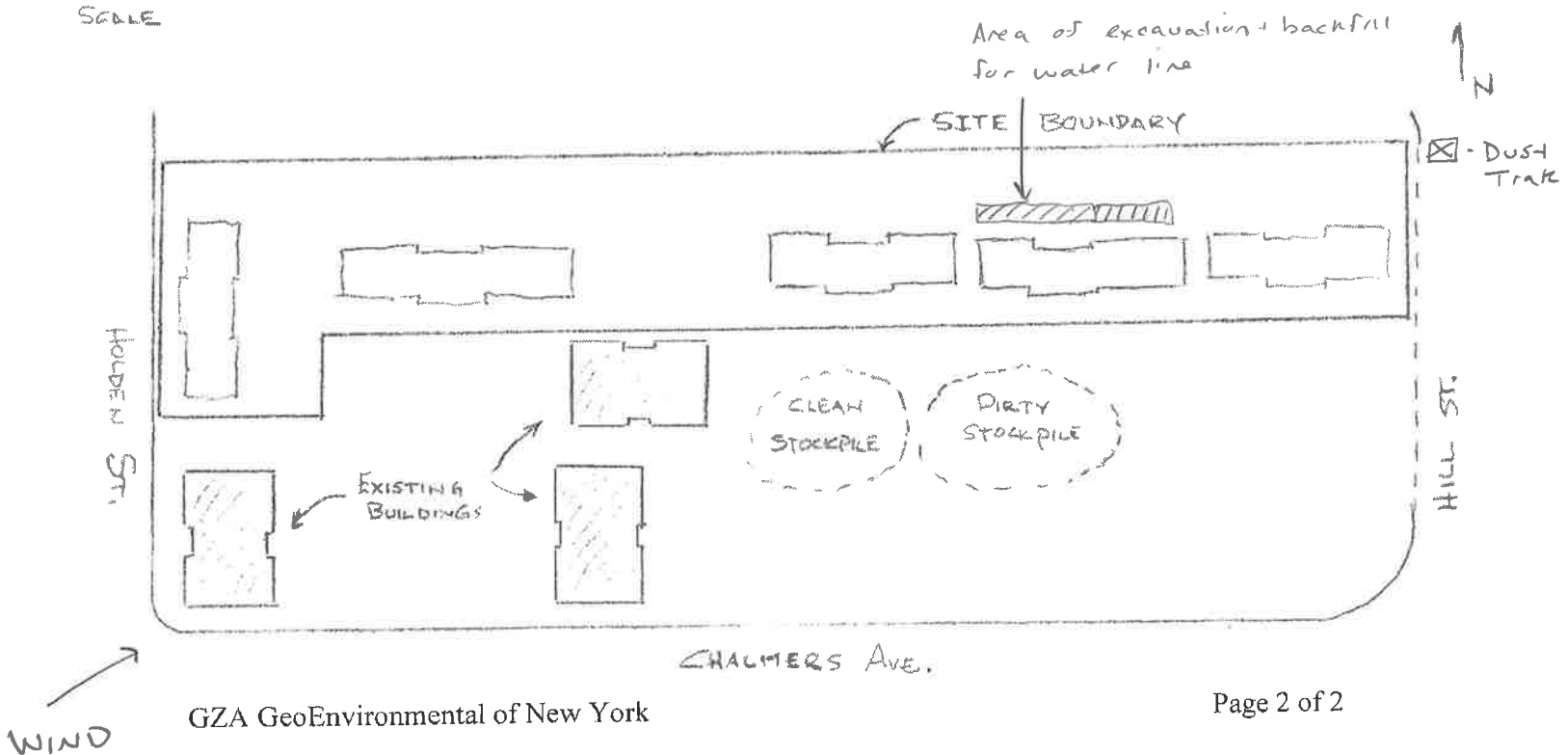
FILE No. 21.0056884.00

REPORT No. 19-71

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



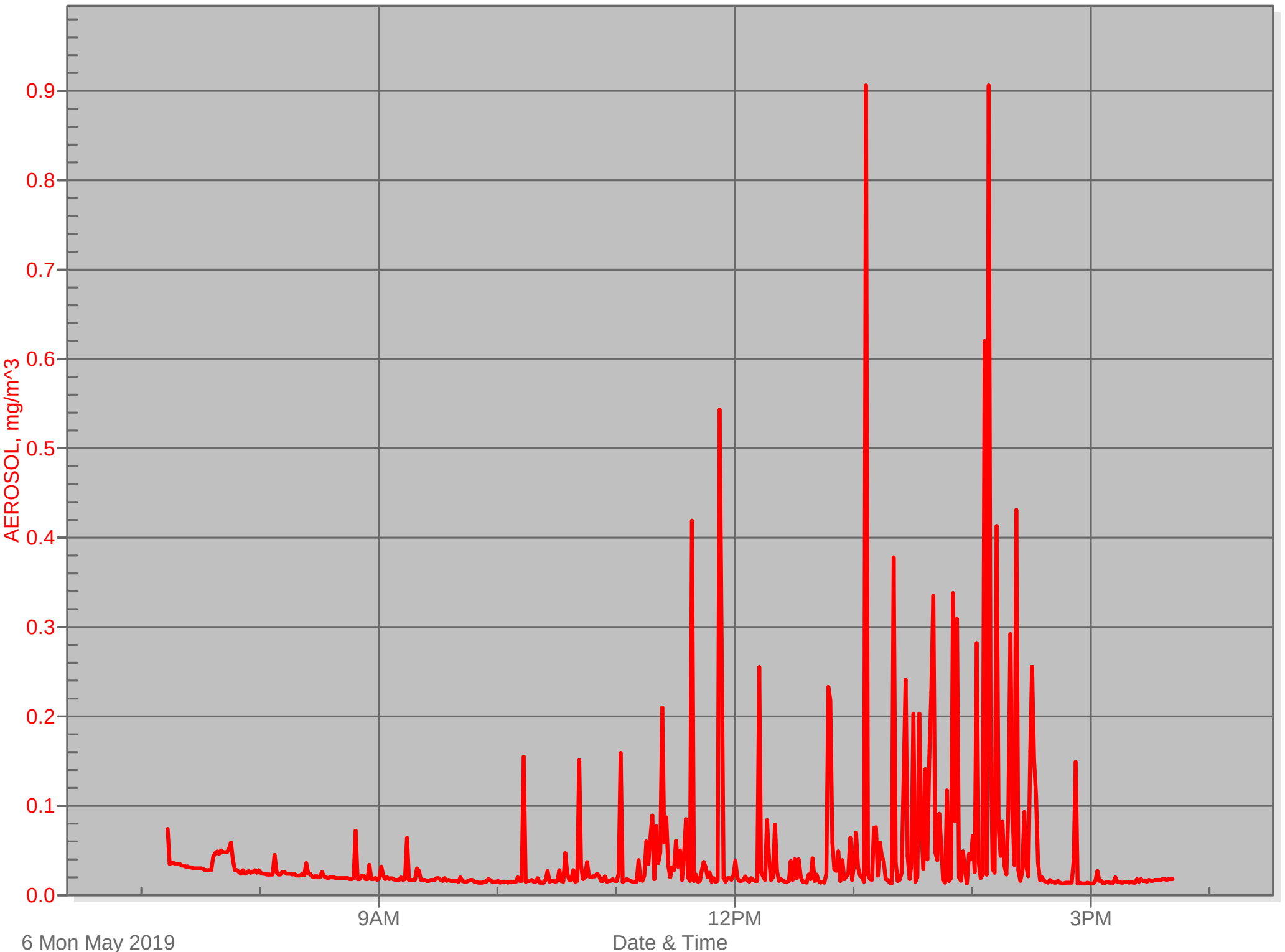
Test 075

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/06/2019
Instrument S/N	8530162808	Start Time	07:12:20
		Stop Date	05/06/2019
		Stop Time	15:41:20
		Total Time	0:08:29:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.044 mg/m ³
Max	0.906 mg/m ³
Max Date	05/06/2019
Max Time	13:06:20
Min	0.013 mg/m ³
Min Date	05/06/2019
Min Time	13:19:20
TWA (8 hr)	0.045
TWA Start Date	05/06/2019
TWA Start Time	07:12:20
TWA End Time	15:41:20

Elim Town Homes

05-06-2019



DAILY FIELD SUMMARY FORM

DATE: 5/7/ 2019

FILE No. 21.0056884.00

REPORT No. 19- 72

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 50°F RAIN

Temp Range: 50 to 52 °F

Wind Speed: 8 mph

Wind Direction: N

Time GZA Arrived on Site: 0700

Site Conditions: wet / muddy

Contractors on Site: Uiscare

- GZA Personnel On-Site: Pete Nyznyk
- GZA's Equipment On-Site: Mini RAE 300

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

N/A

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Uiscare excavates small area for water line. Due to rain excavation stopped.
- CAMP monitoring not performed due to rain.

Photos taken: No

Time GZA left Site: 0930

Prepared by: Pete Nyznyk

Reviewed by: Jim Rickert

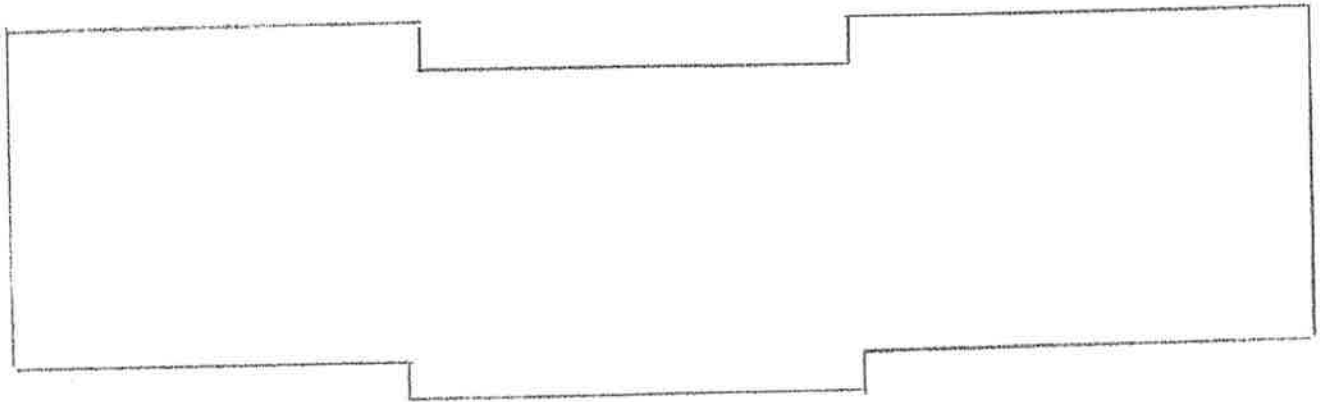
DAILY FIELD SUMMARY FORM

DATE: 5/7/2019

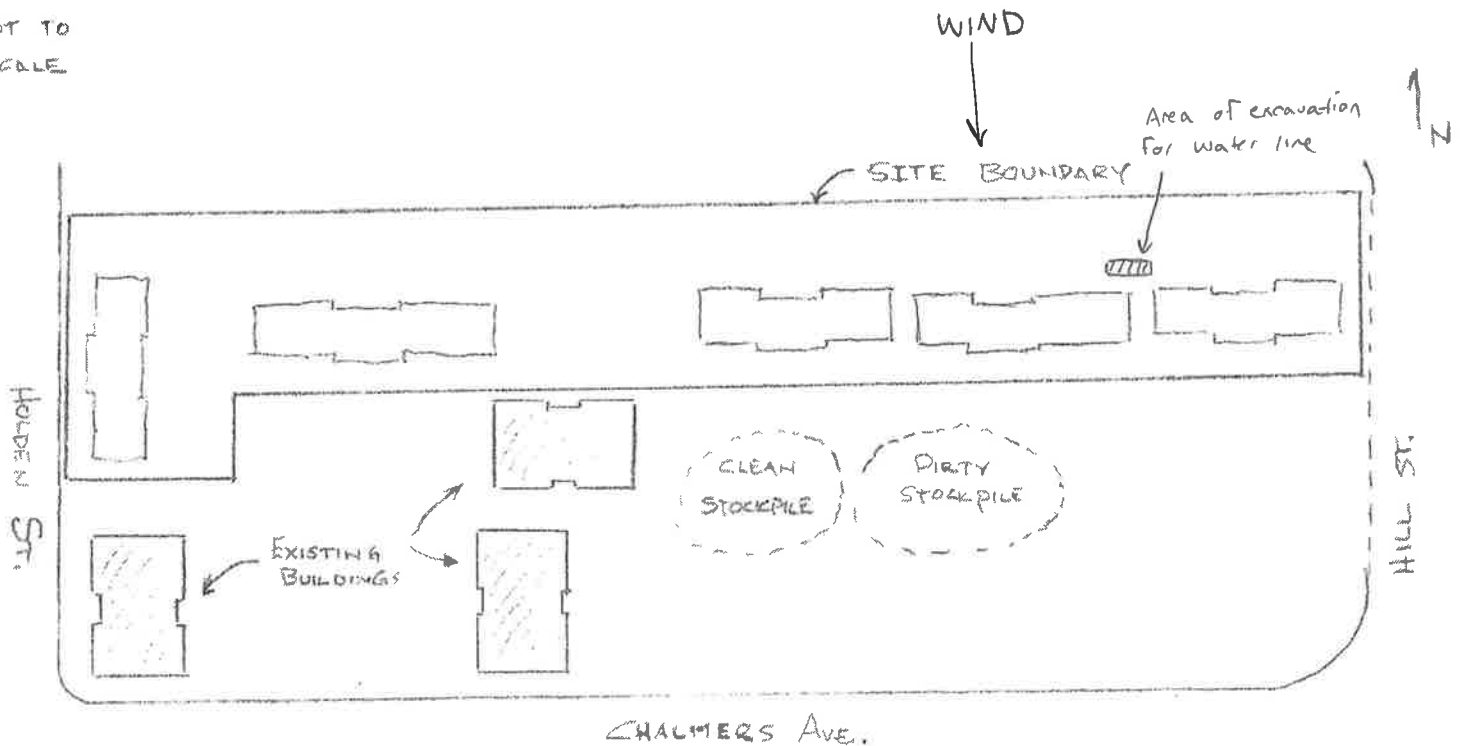
FILE No. 21.0056884.00

REPORT No. 19-72

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



DAILY FIELD SUMMARY FORM

DATE: 5/8/ 2019

FILE No. 21.0056884.00

REPORT No. 19-73

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 42°F Sunny

Temp Range: 42 to 57 °F

Wind Speed: 9 mph

Wind Direction: E

Time GZA Arrived on Site: 0700

Site Conditions: Wet / Muddy

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyzynyk
- GZA's Equipment On-Site: Dust Trak
Mini RAE3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

N/A

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone continues to excavate for water lines. Due to underground electrical lines excavation slowed down.
- Viscone direct loads excavated soils and staging soil south of site.
- Viscone backfills clean stone in Bldg D footprint.
- Viscone backfills excavation trench for water line w/ clean stone.
- Viscone backfills areas north of Bldg A w/ clean stone. Areas backfilled are future locations of building porches.
- Viscone finished excavating Bldg D foundation footers.
- CAMP monitoring → No exceedences observed.
- UCC monitoring → No elevated levels reported.

Photos taken: Yes

Time GZA left Site: 1630

Prepared by: Pete Nyzynyk

Reviewed by: Jim Reckert

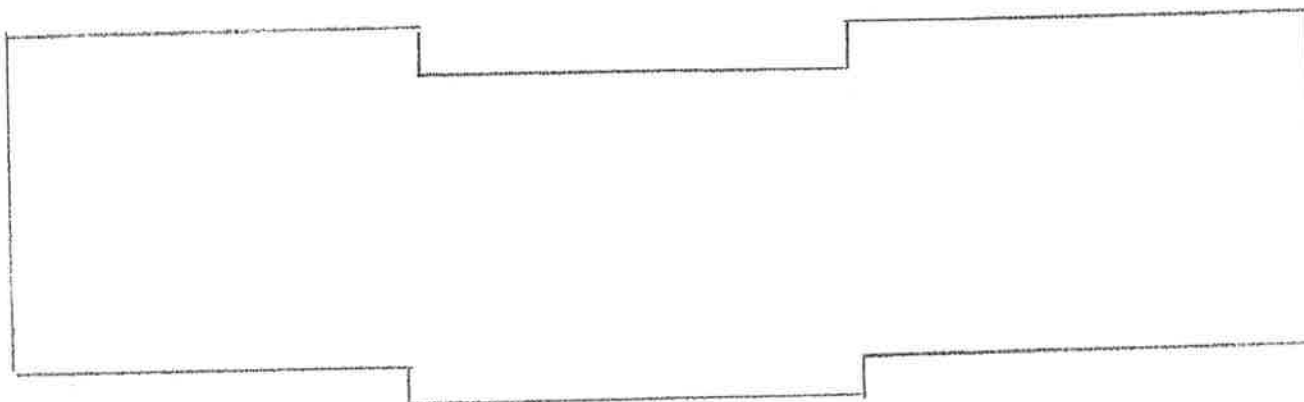
DAILY FIELD SUMMARY FORM

DATE: 5/8/ 2019

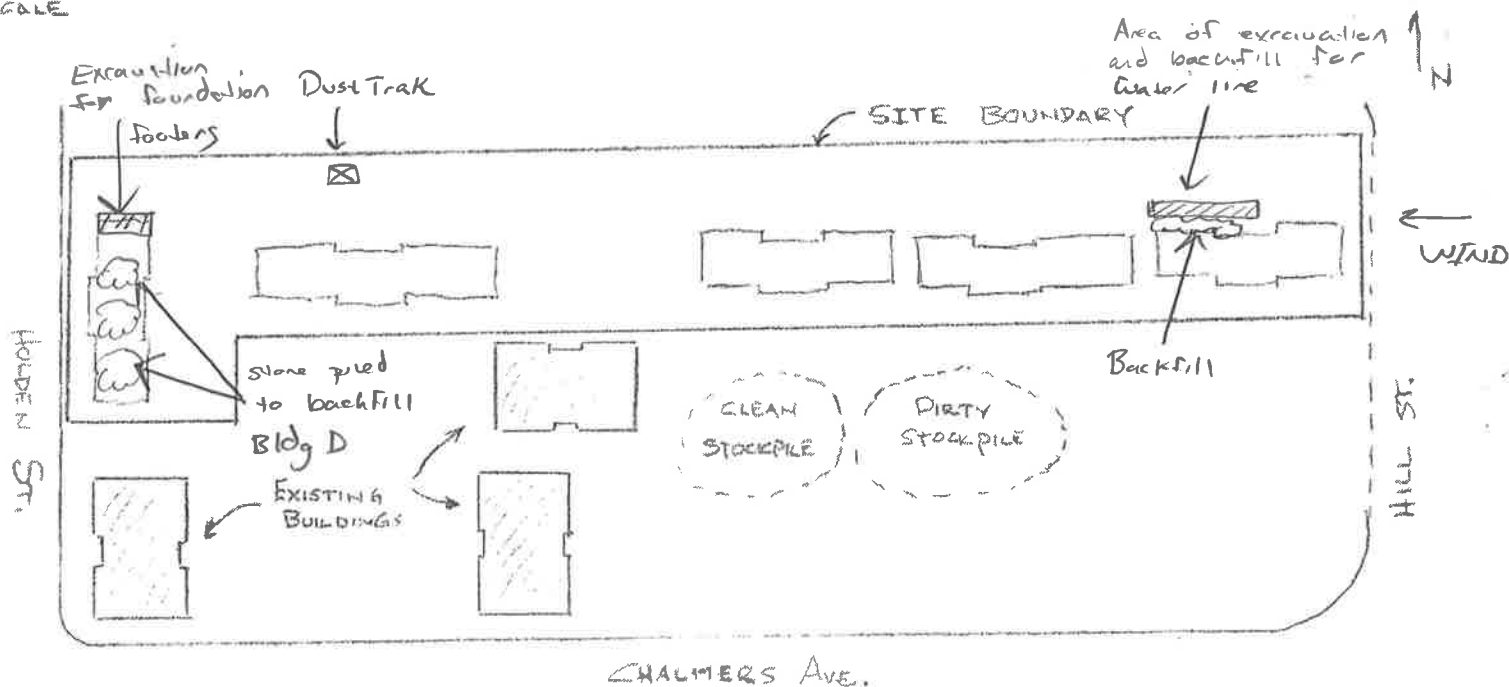
FILE No. 21.0056884.00

REPORT No. 19-73

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



Not to
Scale



Test 076

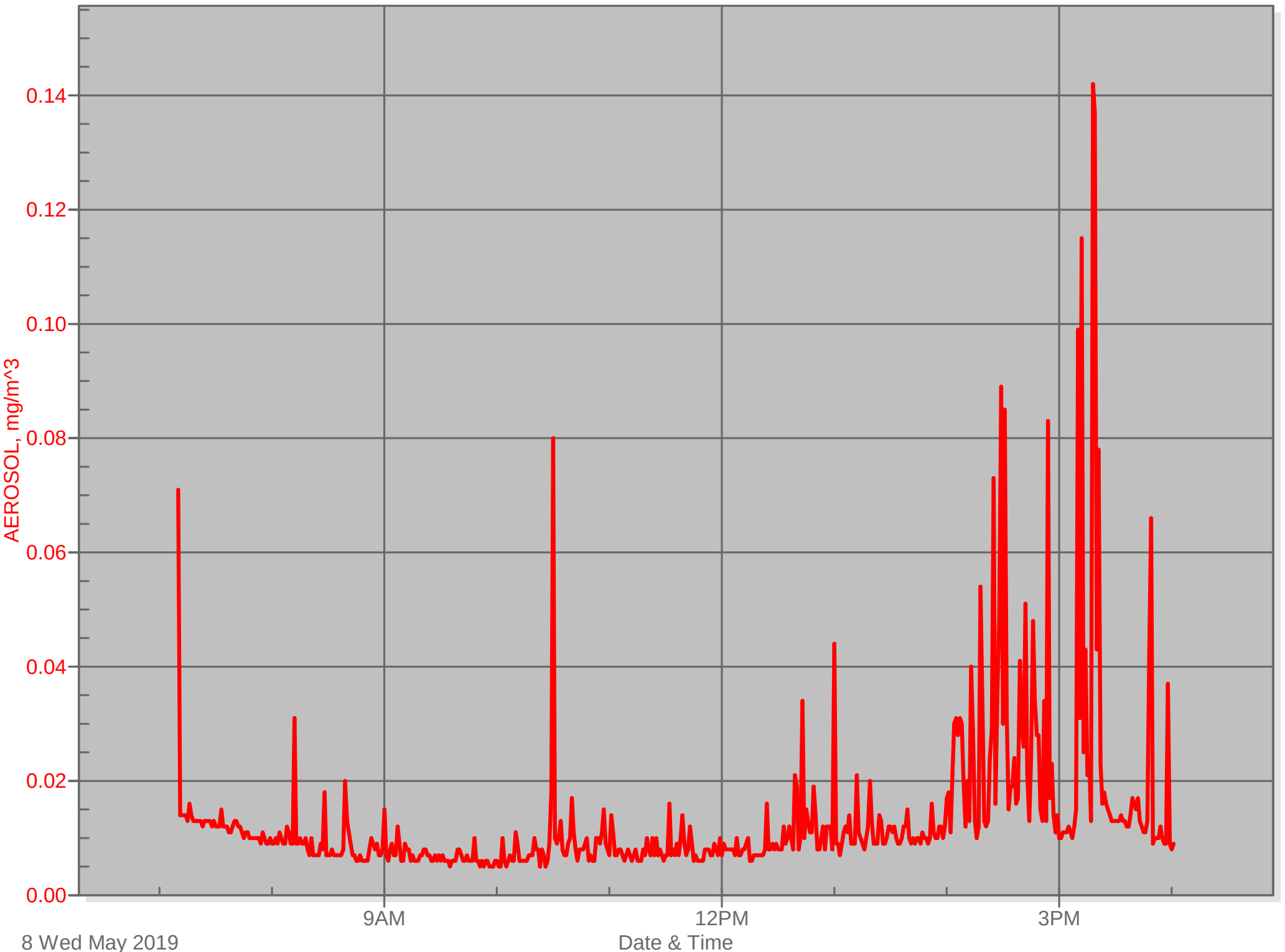
ERROR: FLOW,

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/08/2019
Instrument S/N	8530162808	Start Time	07:09:02
		Stop Date	05/08/2019
		Stop Time	16:01:02
		Total Time	0:08:52:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.013 mg/m ³
Max	0.142 mg/m ³
Max Date	05/08/2019
Max Time	15:18:02
Min	0.005 mg/m ³
Min Date	05/08/2019
Min Time	09:35:02
TWA (8 hr)	0.012
TWA Start Date	05/08/2019
TWA Start Time	07:09:02
TWA End Time	16:01:02

Elim Town Homes

05-08-2019



DAILY FIELD SUMMARY FORM

DATE: 5/20 2019

FILE No. 21.0056884.00

REPORT No. 19-78

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: overcast
Breezy

Temp Range: 50 to 60 °F

Wind Speed: 10 - 20 mph

Wind Direction: SW

Time GZA Arrived on Site: 7:15

Site Conditions: dry-but not dusty

Contractors on Site: De/Tex Electric

• GZA Personnel On-Site: Jim Richert

• GZA's Equipment On-Site: DUST TRAK
mini RAE 3000 (PIO)

Name of NYSDEC Representative(s) on Site: N/A

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

Visible NOT on site but,
DELTEX ELECTRIC is EXCAVATING
a TRENCH TO TIE IN TO POLE SOURCE
(SEE ATTACHED SKETCH)
BETWEEN BUILDINGS B AND A2

- NO visible dust observed today
- NO PIO readings above zero today

Photos taken: yes

Time GZA left Site: 1506

Prepared by: Jim Richert

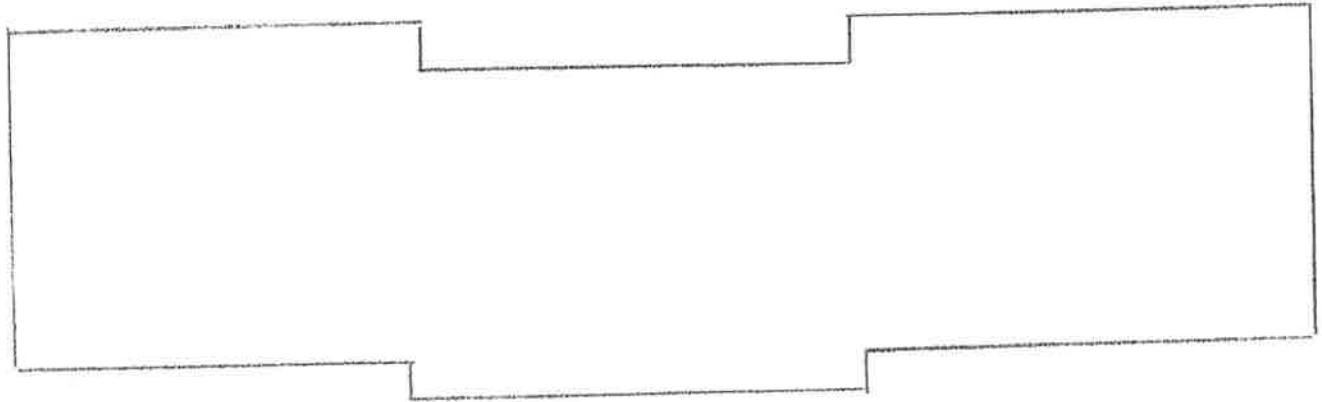
Reviewed by: Mina Kress

DATE 5/20 2019

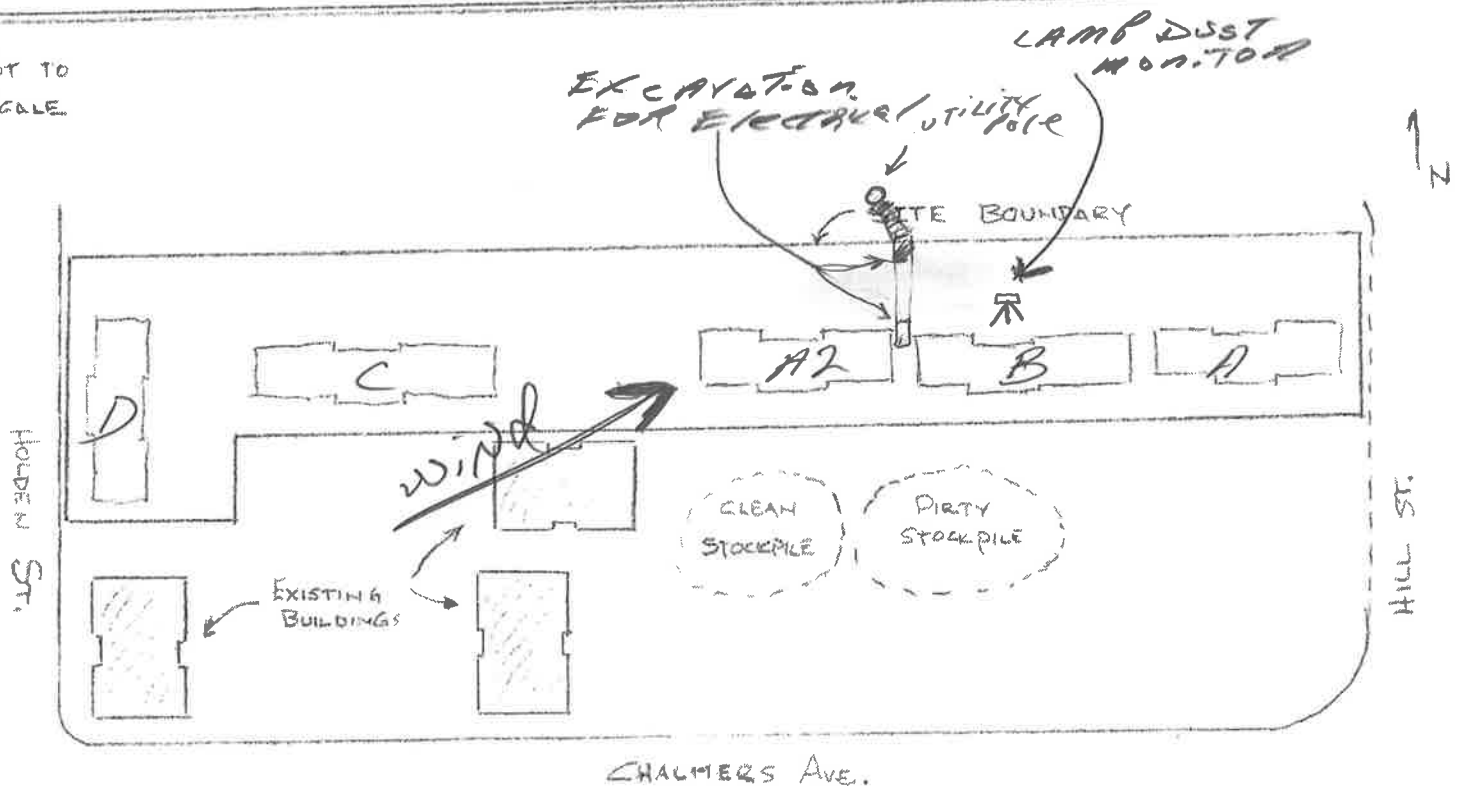
DAILY FIELD SUMMARY FORM
FILE No. 21.0056884.00

REPORT No. 19- 78

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



Test 081

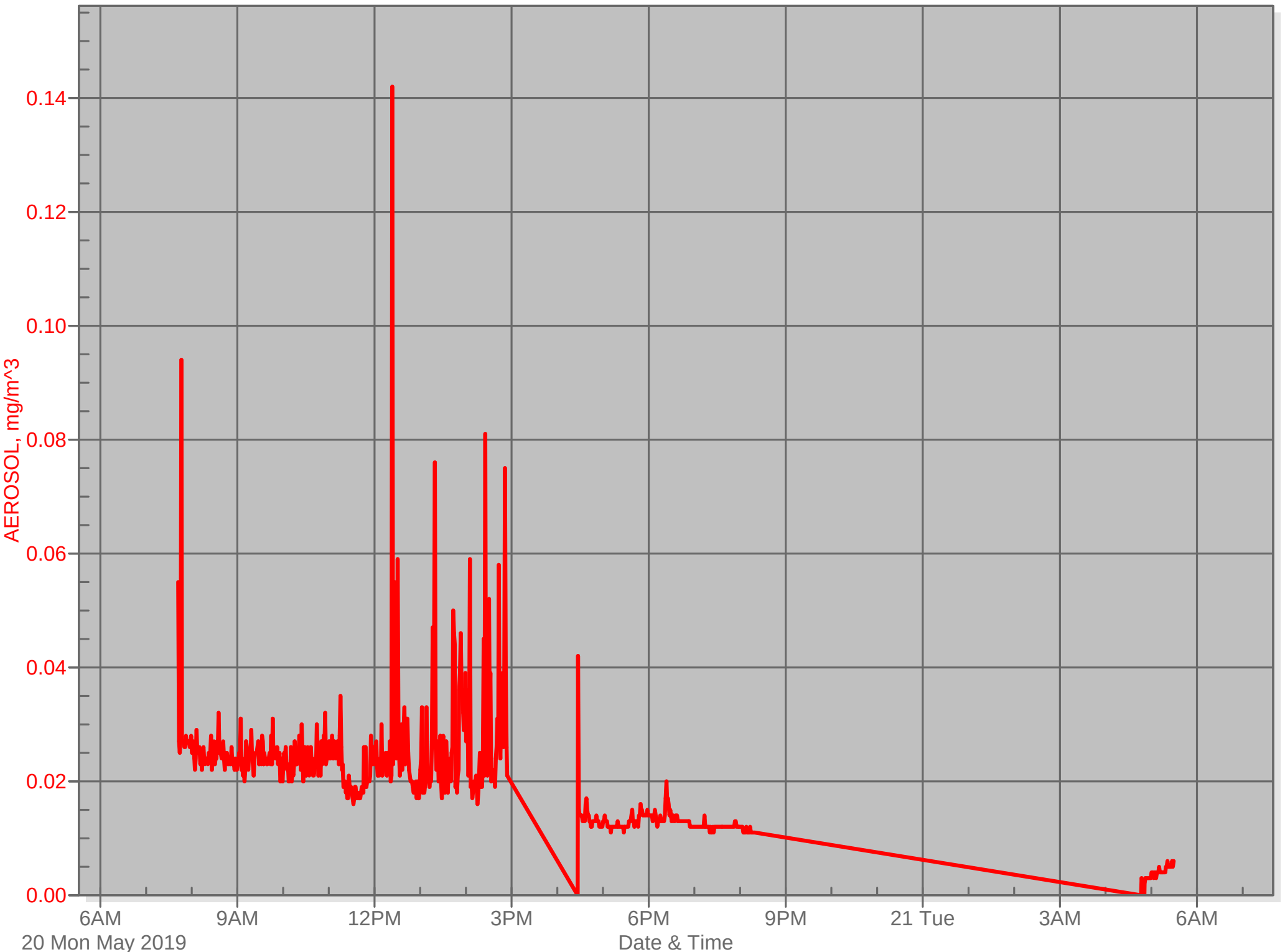
ERROR: MAX PM1,

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/20/2019
Instrument S/N	8530162808	Start Time	07:41:18
		Stop Date	05/21/2019
		Stop Time	05:29:18
		Total Time	0:21:48:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.020 mg/m ³
Max	0.142 mg/m ³
Max Date	05/20/2019
Max Time	12:23:18
Min	0.000 mg/m ³
Min Date	05/20/2019
Min Time	16:26:51
TWA (8 hr)	0.000
TWA Start Date	05/20/2019
TWA Start Time	07:41:18
TWA End Time	05:29:18

Elim Town Homes

05-20-2019



DAILY FIELD SUMMARY FORM

DATE: 5/29/ 2019

FILE No. 21.0056884.00

REPORT No. 19-79

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: Cloudy
w/showers

Temp Range: 55 to 70 °F

Wind Speed: 5-10 mph

Wind Direction: ENE

Time GZA Arrived on Site: 0715

Site Conditions: Moist

Contractors on Site: Visone, Asst Bldg Contractors

- GZA Personnel On-Site: Mike Kress
- GZA's Equipment On-Site: DUST TRAK
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)

GZA set up Dust Track Down wind of work Area.

Visone excavating below demark Fabric on north side of Bldg C
For copper water line attachment to existing water main. Excavated
material observed to be brown sand & gravel, brick, shot rock. No
odors, staining or sheen observed. No elevated PID readings.

Excavated material taken to dirty stockpile by front end loader
0840 Visone excavating for water hook up on north side of Bldg A2.
Visone placing orange demark at bottom of excavation prior to
pipe bedding & backfill.

1025 Visone excavated for water hook up north side of BLDG B.

Visone installed copper water lines. Waiting for plumbing inspector to backfill.

Photos taken: Yes

Visone spreading clean stone in footprint of
BLDG D.

Time GZA left Site: 1430

Prepared by: Mike Kress

Reviewed by: Jim Rickert

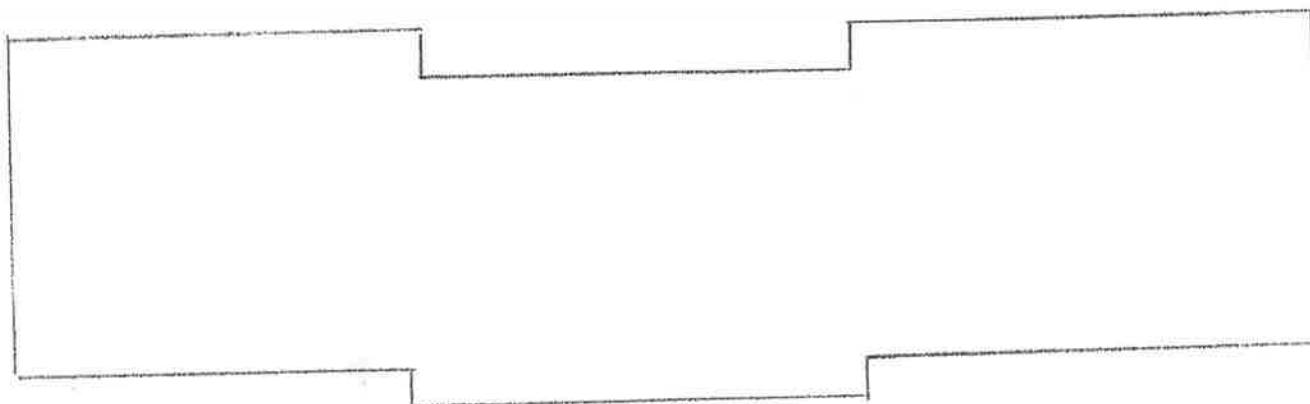
DAILY FIELD SUMMARY FORM

DATE: 5/29/2019

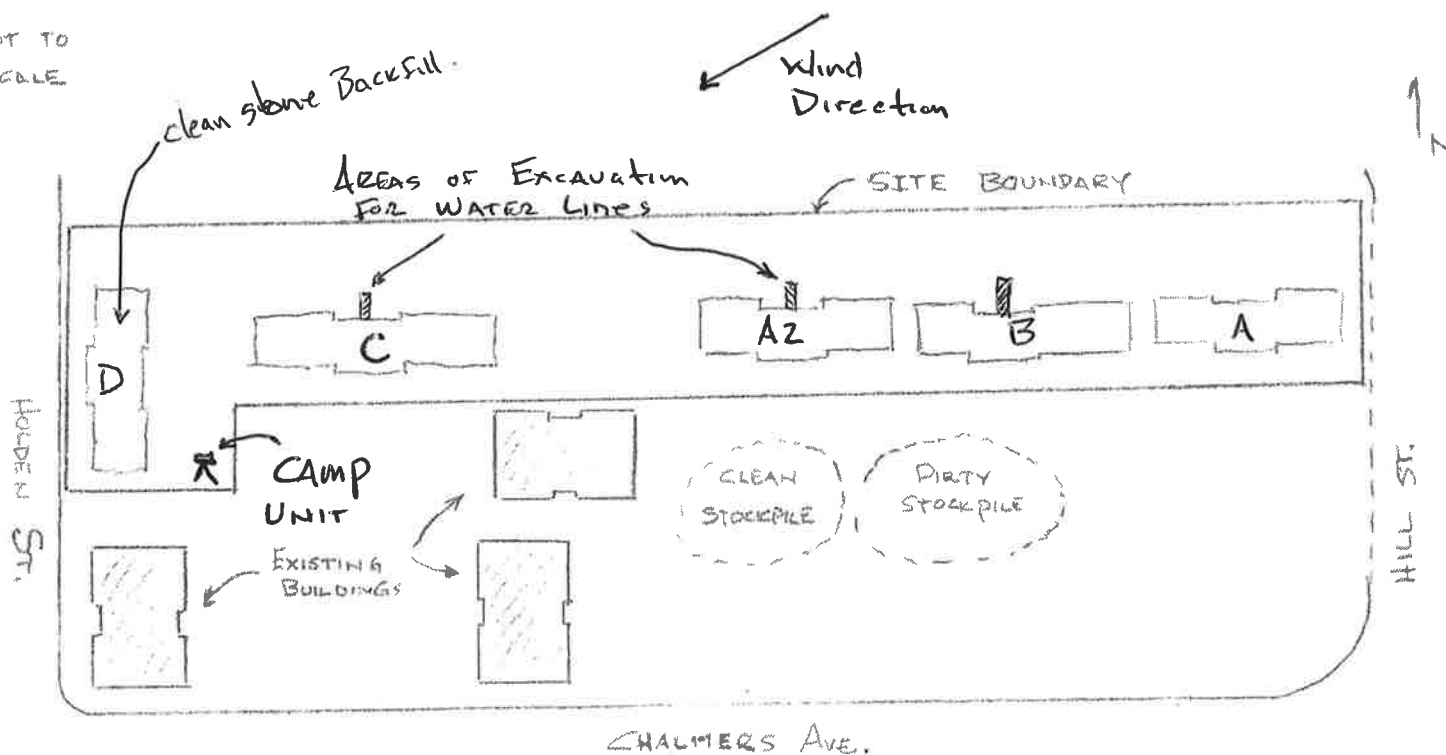
FILE No. 21.0056884.00

REPORT No. 19-79

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



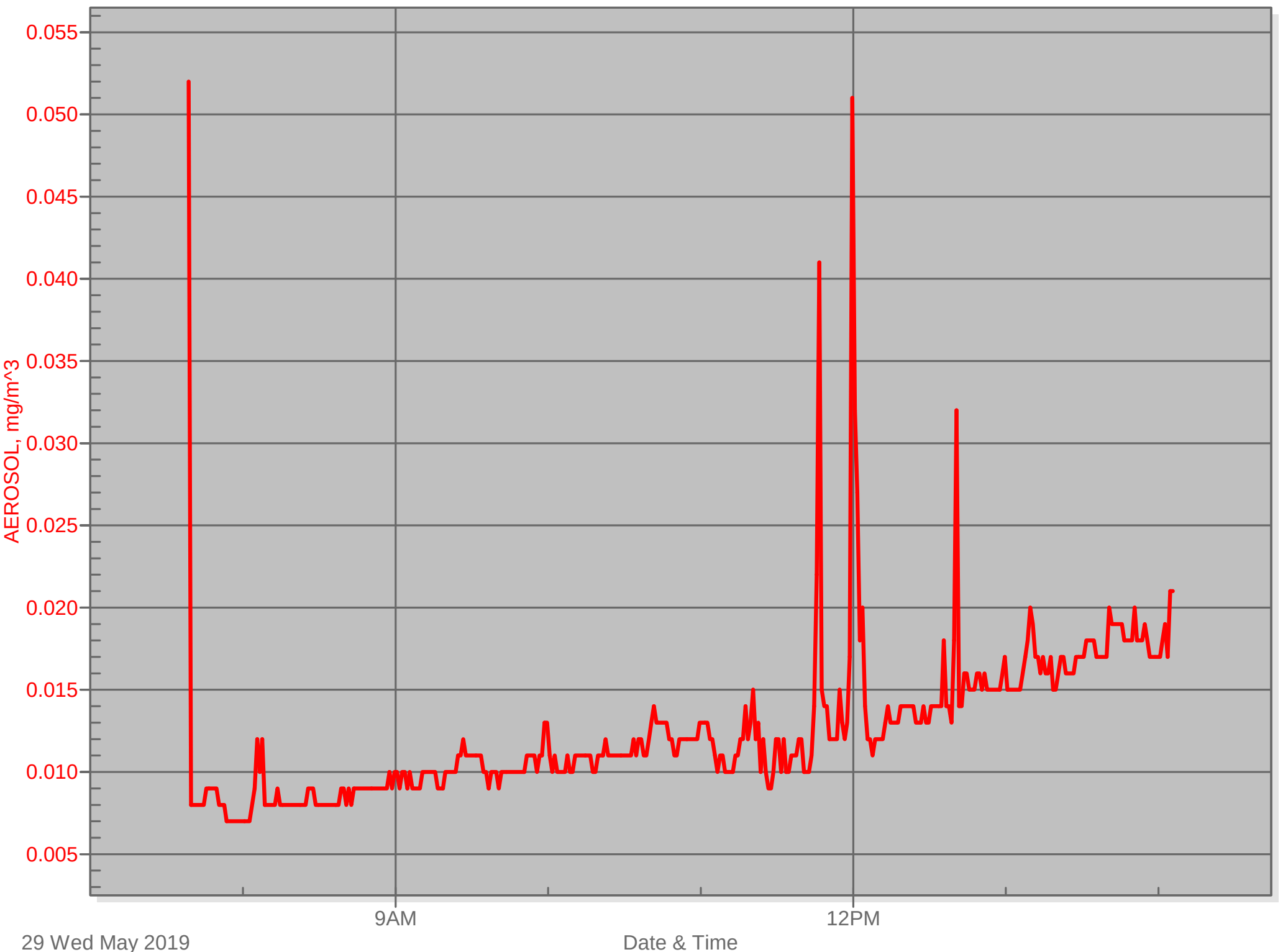
Test 082

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/29/2019
Instrument S/N	8530162808	Start Time	07:37:36
		Stop Date	05/29/2019
		Stop Time	14:05:36
		Total Time	0:06:28:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.013 mg/m ³
Max	0.052 mg/m ³
Max Date	05/29/2019
Max Time	07:38:36
Min	0.007 mg/m ³
Min Date	05/29/2019
Min Time	07:53:36
TWA (8 hr)	0.010
TWA Start Date	05/29/2019
TWA Start Time	07:37:36
TWA End Time	14:05:36

Elim Town Homes

05-29-2019



DAILY FIELD SUMMARY FORM

DATE: 6/11/2019

FILE No. 21.0056884.00

REPORT No. 19-80

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: SUNNY

Temp Range: 57 to 67 °F

Wind Speed: 10 mph

Wind Direction: SW → NE

Time GZA Arrived on Site: 0715

Site Conditions: WET

Contractors on Site: VISONIS, ASST. BLDG. CONTRACTORS

- GZA Personnel On-Site: D WOLF
- GZA's Equipment On-Site: DUST-TRAK
MINI-PAGE 3000 (PID)

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure: None

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- GZA SET UP DUST-TRAK DOWN WIND OF WORK AREA.
- VISONIS EXCAVATING BELOW DUMPTAK FABRIC ON EAST SIDE OF BUILDING "D" FOR COPPER WATERLINE ATTACHMENT TO EXISTING WATERMAIN. EXCAVATED MATERIAL OBSERVED TO BE BLACK TO GRAY SAND & GRAVEL, BRICK, CONCRETE. NO ODORS, STAINING OR SMOG OBSERVED. NO ELEVATED PID READINGS. EXCAVATED SOILS WERE TAKEN TO DIRTY STOCKPILE VIA TANDUM DUMP TRUCK. VISONIS PLACING ORANGE DEMARK AT BOTTOM OF EXCAVATION PRIOR TO PIPE BEDDING AND BACKFILL.

Photos taken: YES

Time GZA left Site: 15:30

Prepared by: DAN WOLF

Reviewed by: Jim Richert

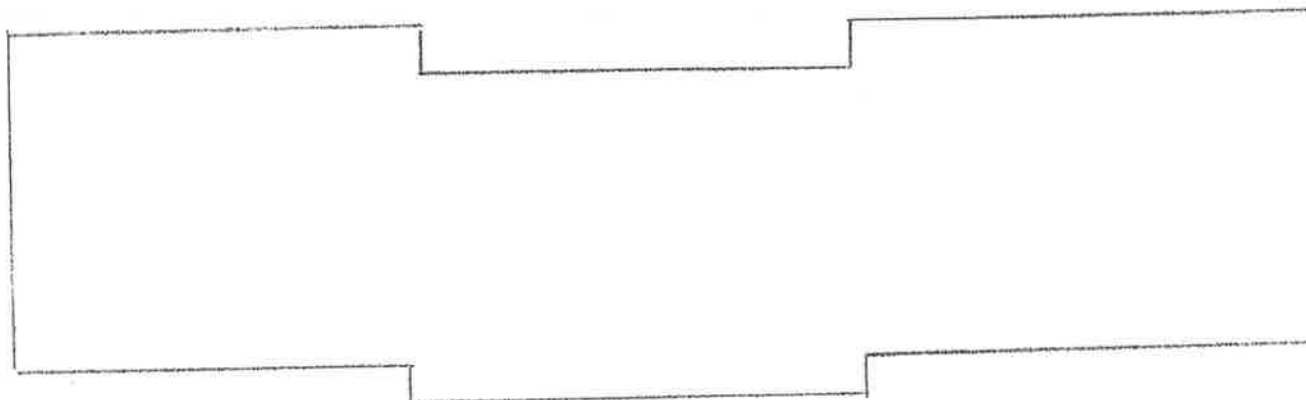
DAILY FIELD SUMMARY FORM

DATE: 6/11/2019

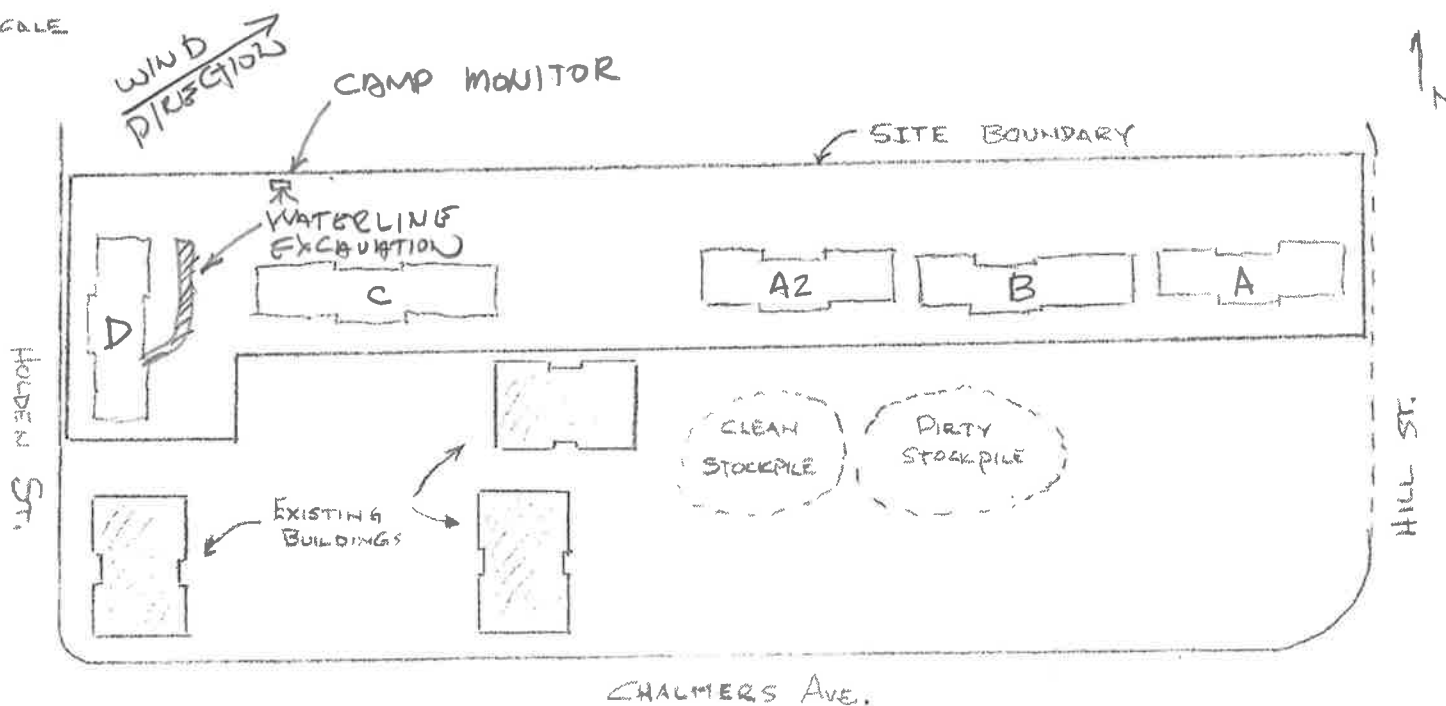
FILE No. 21.0056884.00

REPORT No. 19-80

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



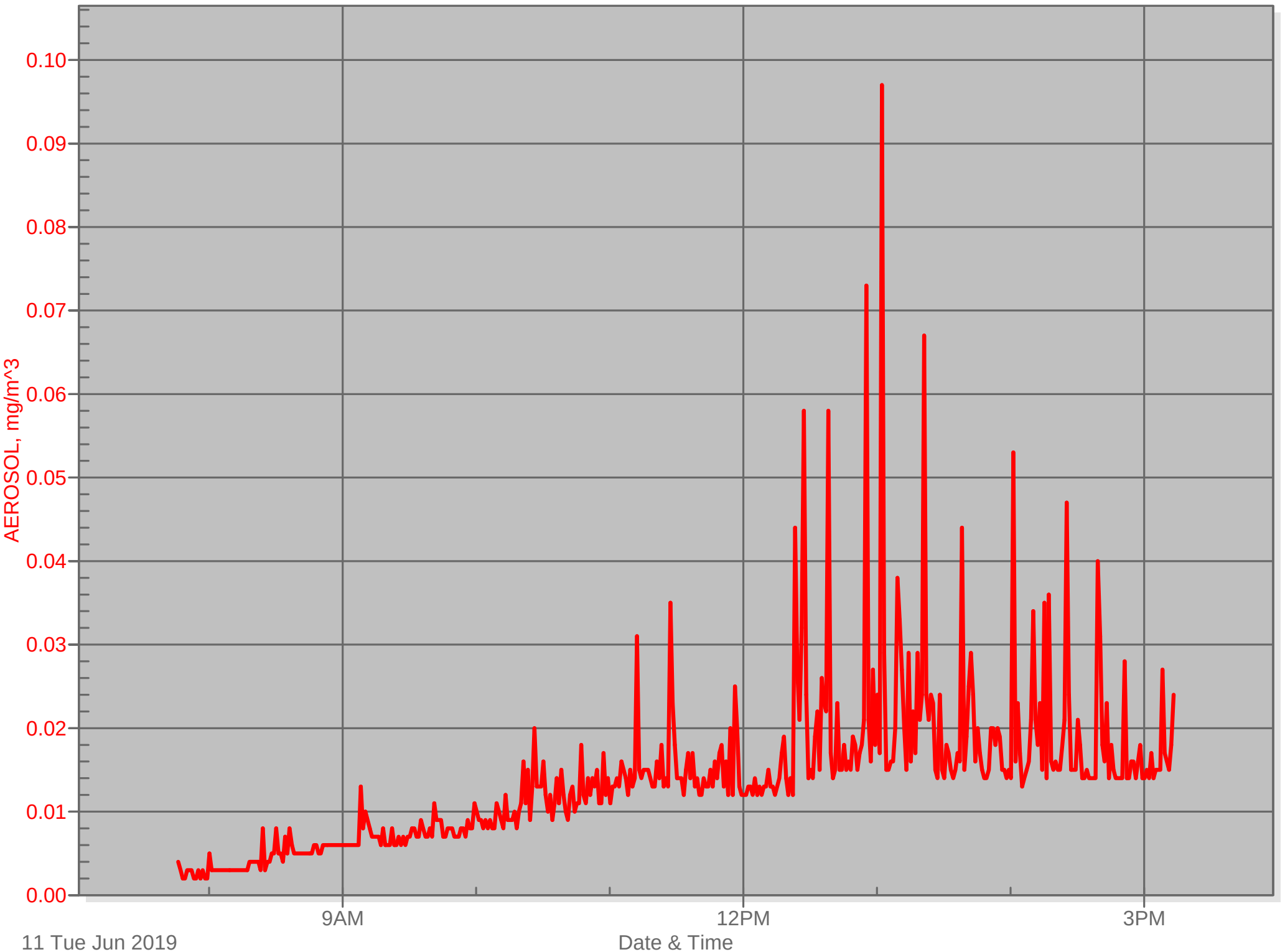
Test 083

Instrument		Data Properties	
Model	DustTrak II	Start Date	06/11/2019
Instrument S/N	8530162808	Start Time	07:45:12
		Stop Date	06/11/2019
		Stop Time	15:13:12
		Total Time	0:07:28:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.014 mg/m ³
Max	0.097 mg/m ³
Max Date	06/11/2019
Max Time	13:02:12
Min	0.002 mg/m ³
Min Date	06/11/2019
Min Time	07:48:12
TWA (8 hr)	0.013
TWA Start Date	06/11/2019
TWA Start Time	07:45:12
TWA End Time	15:13:12

Elim Town Homes

06-11-2019



DAILY FIELD SUMMARY FORM

DATE: 6/12/19 2019

FILE No. 21.0056884.00

REPORT No. 19-81

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 50°F Sunny

Temp Range: 50 to 74 °F

Wind Speed: 5 mph

Wind Direction: SE

Time GZA Arrived on Site: 650

Site Conditions: Day

Contractors on Site: Viscone

- GZA Personnel On-Site: Pete Nyzynik
- GZA's Equipment On-Site: Dust trap
Mini RAE 3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

N/A

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Viscone continues to excavate for water line repair for Bldg A.
 - After repair area was backfilled w/clean stone
- Viscone excavates for rain water down spouts at Bldg D.
 - pipe connected to storm water main and backfilled w/clean stone
- Viscone excavates for storm water catch basin.
 - after installation of catch basin area was back filled w/clean stone

Photos taken: Yes

Time GZA left Site: 1530

Prepared by: Pete Nyzynik

Reviewed by: Jim Richert

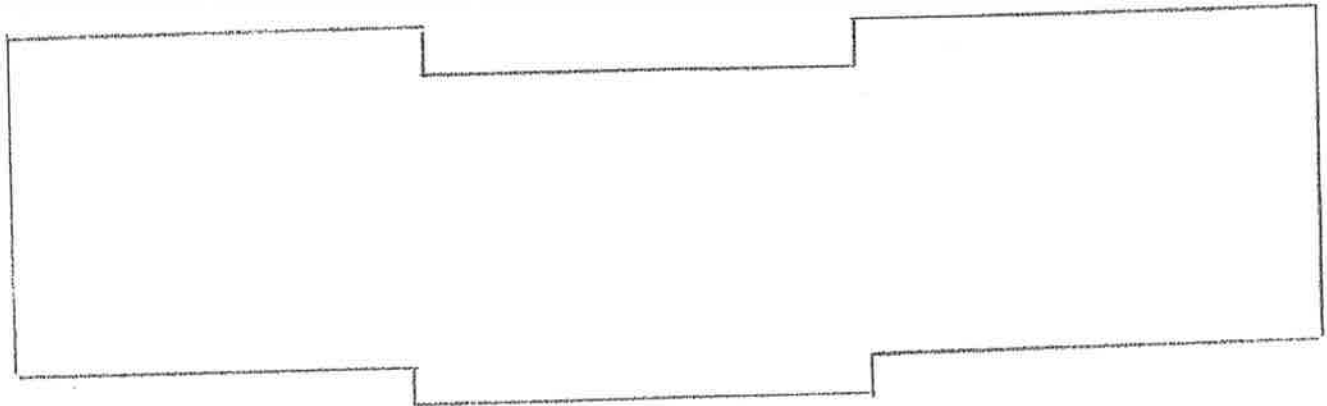
DAILY FIELD SUMMARY FORM

DATE: 6/12/2019

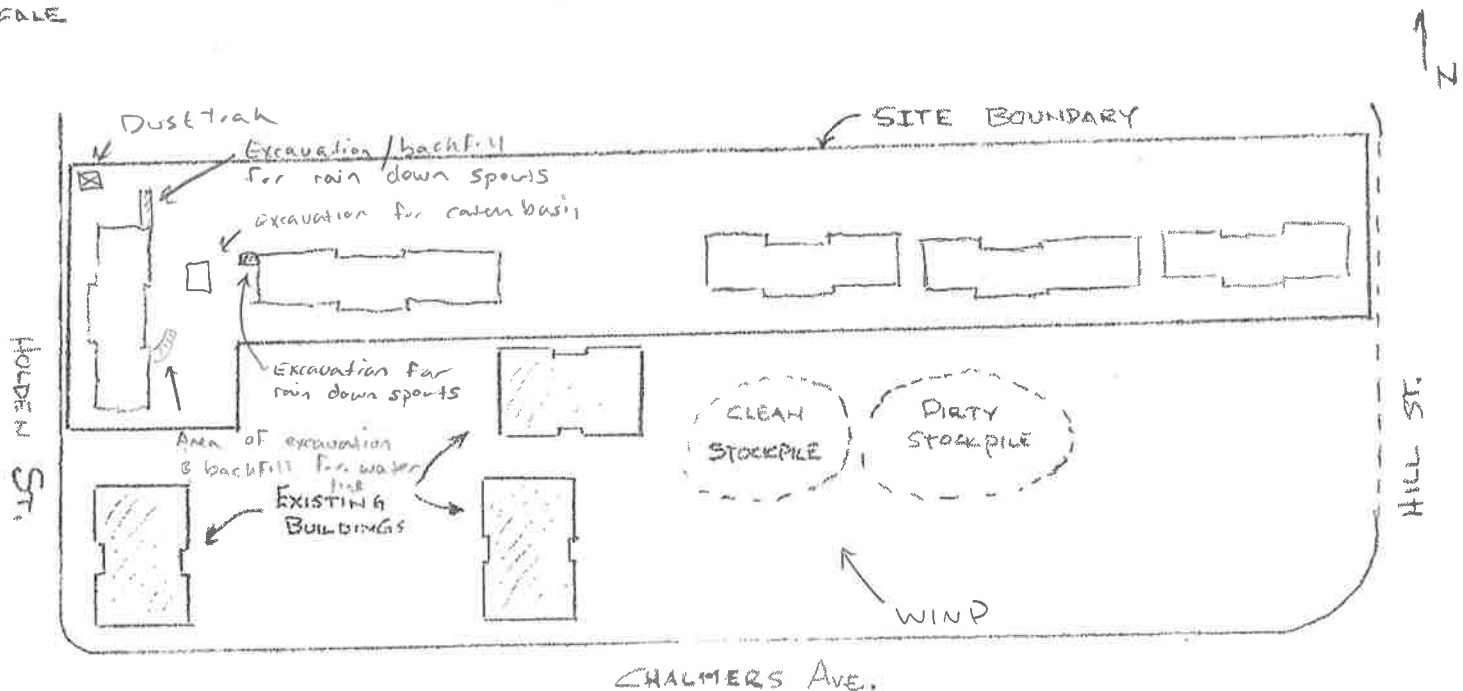
FILE No. 21.0056884.00

REPORT No. 19-81

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



Not to
Scale



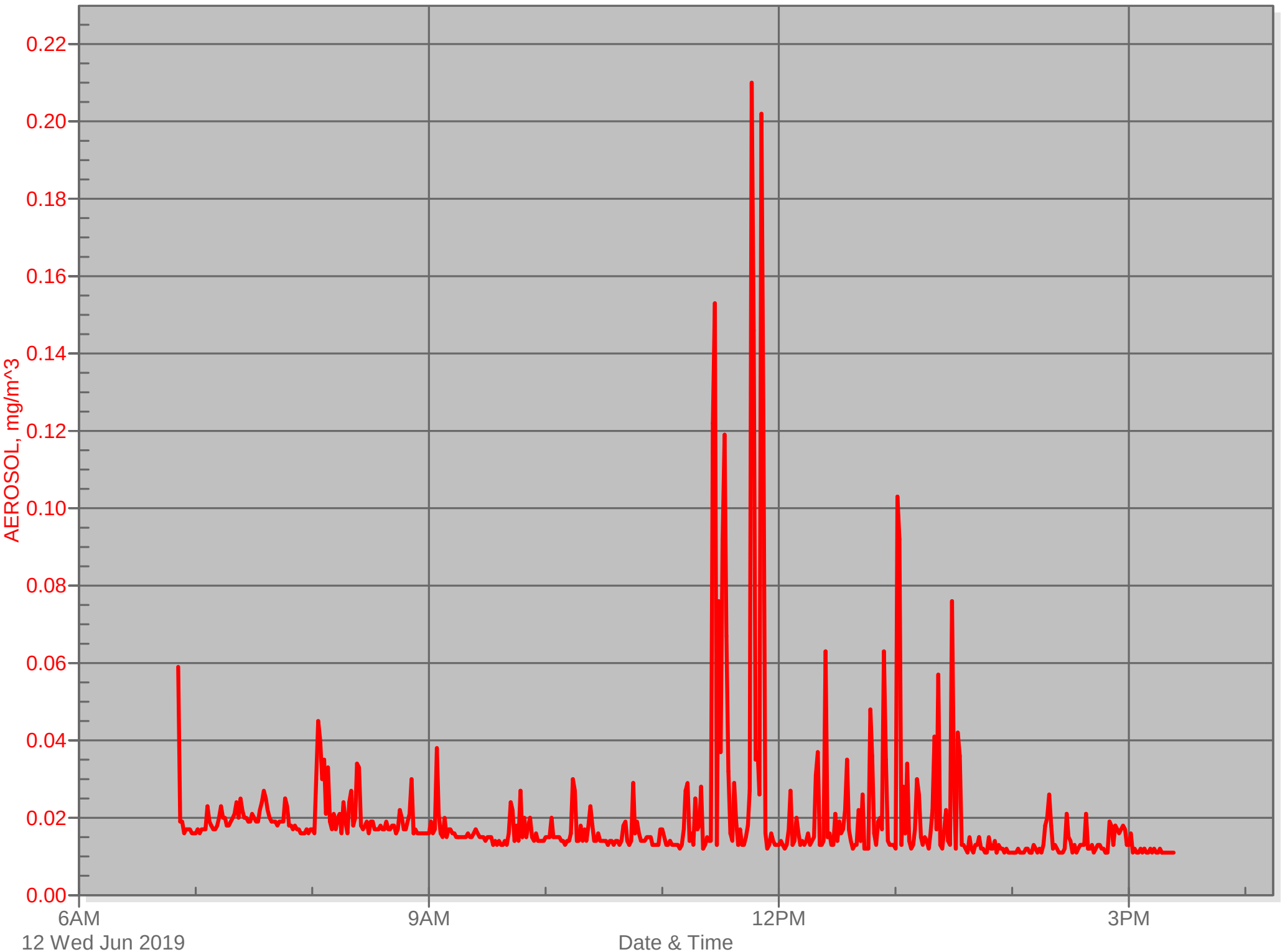
Test 084

Instrument		Data Properties	
Model	DustTrak II	Start Date	06/12/2019
Instrument S/N	8530162808	Start Time	06:50:03
		Stop Date	06/12/2019
		Stop Time	15:23:03
		Total Time	0:08:33:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.020 mg/m ³
Max	0.210 mg/m ³
Max Date	06/12/2019
Max Time	11:46:03
Min	0.011 mg/m ³
Min Date	06/12/2019
Min Time	13:37:03
TWA (8 hr)	0.020
TWA Start Date	06/12/2019
TWA Start Time	06:50:03
TWA End Time	15:23:03

Elim Town Homes

06-12-2019



DAILY FIELD SUMMARY FORM

DATE: 6/13/2019

FILE No. 21.0056884.00

REPORT No. 19-82

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: cloudy / Light Rain

Temp Range: 59 to 65 °F

Wind Speed: 0-5 mph

Wind Direction: SE

Time GZA Arrived on Site: 0700

Site Conditions: Moist

Contractors on Site: Visone

• GZA Personnel On-Site: M. Kress

• GZA's Equipment On-Site: DUSTTRAK (Not Set up due to RAIN)
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)

- Visone excavating for storm water lines from Bldg C to catch basin installed yesterday. Soil excavated observed to be brown silty sand w/ cobbles & gravel (Angular). No odors, staining or Product. No elevated PID Readings. Soils temporarily stockpiled next to excavation.
- Visone placed orange fabric on bottom of excavation prior to clean stone bedding & pipe install.
- Visone tying storm water piping into storm water Main Running E-W.
- Visone loading excavated soils into dump truck for transport to dirty stockpile.
- Visone backfilled the trench with clean crushed stone.

Photos taken: Yes

Time GZA left Site: 1430

Prepared by: Mick Kress

Reviewed by: Jim Richard

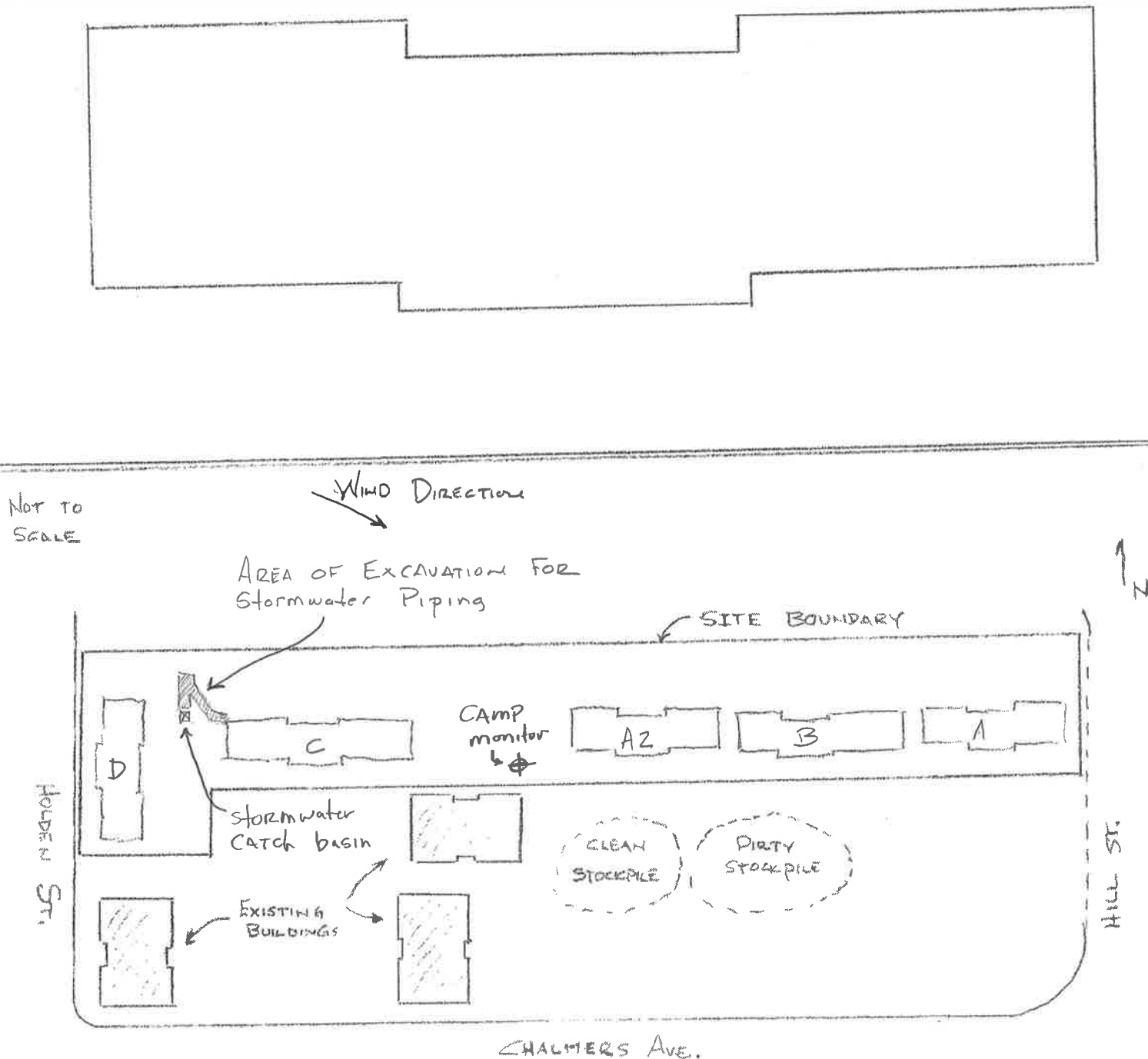
DAILY FIELD SUMMARY FORM

DATE: 6/13/2019

FILE No. 21.0056884.00

REPORT No. 19-82

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



DAILY FIELD SUMMARY FORM

DATE: 6/21/2019

FILE No. 21.0056884.00

REPORT No. 19-83

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: SUNNY

Temp Range: 52 to 70 °F

Wind Speed: 8 mph

Wind Direction: SW-NE

Time GZA Arrived on Site: 0715

Site Conditions: WET

Contractors on Site: VISIONS

- GZA Personnel On-Site: D. WULF
- GZA's Equipment On-Site: DUST TRAK
MINI-RAE 3000 PID

Name of NYSDEC Representative(s) on Site: NONE

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- VISIONS EXCAVATING TO INSTALL UNDER DRAIN FOR THE PLAYGROUND BETWEEN BUILDINGS "A2" AND "C", SOILS EXCAVATED OBSERVED TO BE BROWN SILTY SAND, WITH COBBLES AND GRAVEL. NO ODORS, STAINING, OR PRODUCT OBSERVED. NO ELEVATED PID READINGS.

Photos taken: YES

Time GZA left Site: 14:00

Prepared by: DAN WULF

Reviewed by: Jim Richert

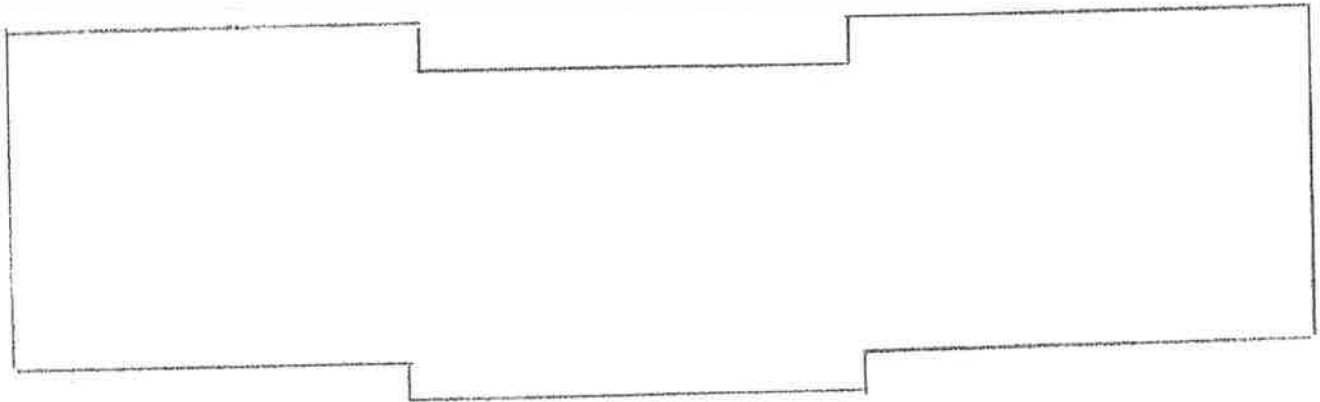
DAILY FIELD SUMMARY FORM

DATE: 6/21/2019

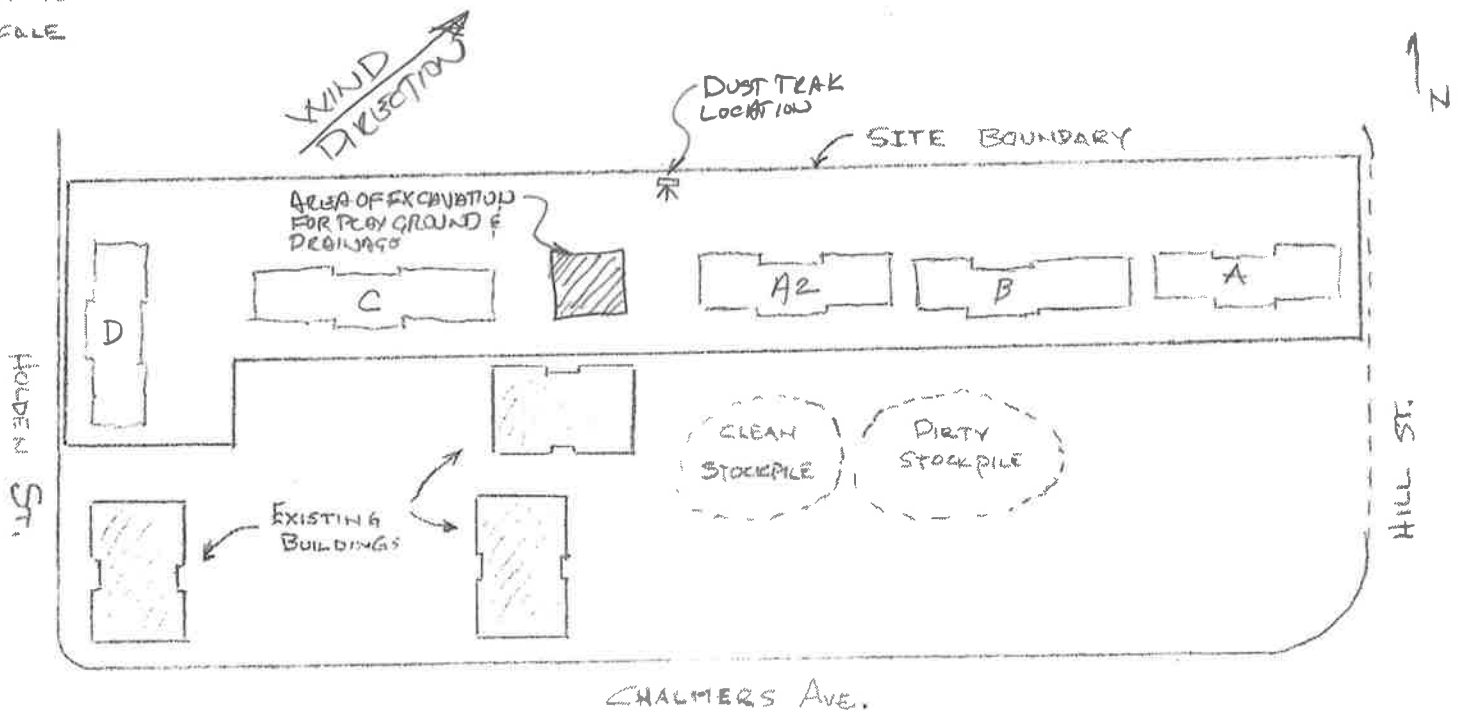
FILE No. 21.0056884.00

REPORT No. 19-83

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



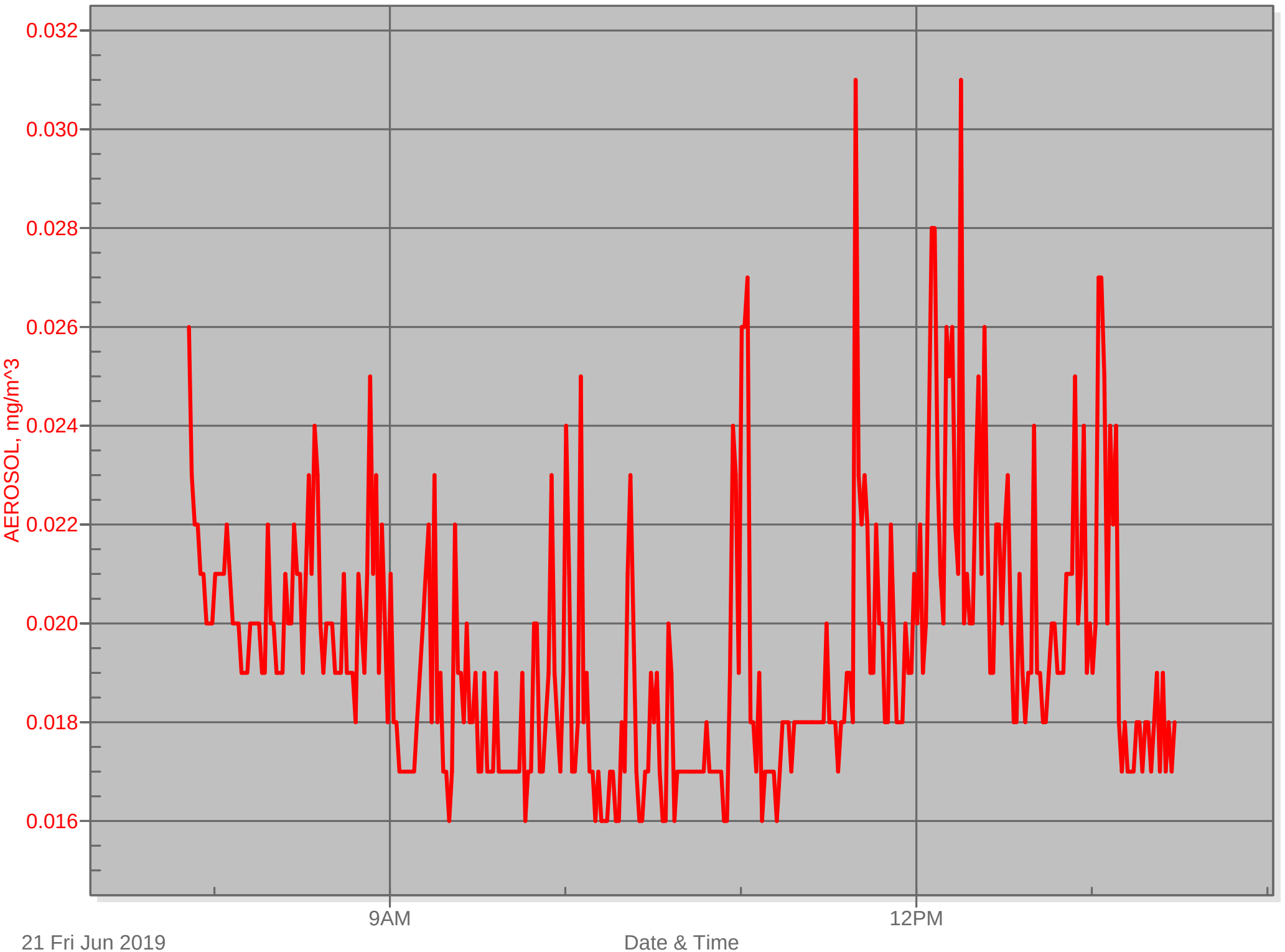
Test 085

Instrument		Data Properties	
Model	DustTrak II	Start Date	06/21/2019
Instrument S/N	8530162808	Start Time	07:50:16
		Stop Date	06/21/2019
		Stop Time	13:28:16
		Total Time	0:05:38:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.019 mg/m ³
Max	0.031 mg/m ³
Max Date	06/21/2019
Max Time	11:39:16
Min	0.016 mg/m ³
Min Date	06/21/2019
Min Time	09:20:16
TWA (8 hr)	0.014
TWA Start Date	06/21/2019
TWA Start Time	07:50:16
TWA End Time	13:28:16

Elim Town Homes

06-21-2019



DAILY FIELD SUMMARY FORM

DATE: 6/24/2019

FILE No. 21.0056884.00

REPORT No. 19-84

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: P. Sunny

Temp Range: 15 to 82 °F

Wind Speed: 5-7 mph

Wind Direction: SE-NW

Time GZA Arrived on Site: 0715

Site Conditions: DAMP

Contractors on Site: VISONUS

- GZA Personnel On-Site: D. WULF
- GZA's Equipment On-Site: DUST TRAK
MWI-RAE 3000 PID

Name of NYSDEC Representative(s) on Site: NONE

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- VISONUS CONTINUES TO EXCAVATE FOR THE UNDERDRAIN FOR THE PLAYGROUND LOCATED BETWEEN BUILDINGS "A2" AND "C". EXCAVATED SOILS OBSERVED TO BE BROWN SAND AND GRAVEL, BRICK, COBBLES. NO OBBS, STAINING, PRODUCT OR ELEVATED PID READINGS OBSERVED. NO VISIBLE DUST LEAVING THE SITE.
- VISONUS INSTALLING D. BARRIER AT THE BOTTOM OF EXCAVATION, THEN INSTALLING PER GRAVEL BEDDING AROUND 4" DIA PERFORATED DRAIN PIPE, THEN 2" CRUSHED RUN OVERTOP.

Photos taken: YES

Time GZA left Site: 16:00

Prepared by: D. WULF

Reviewed by: Jim Richart

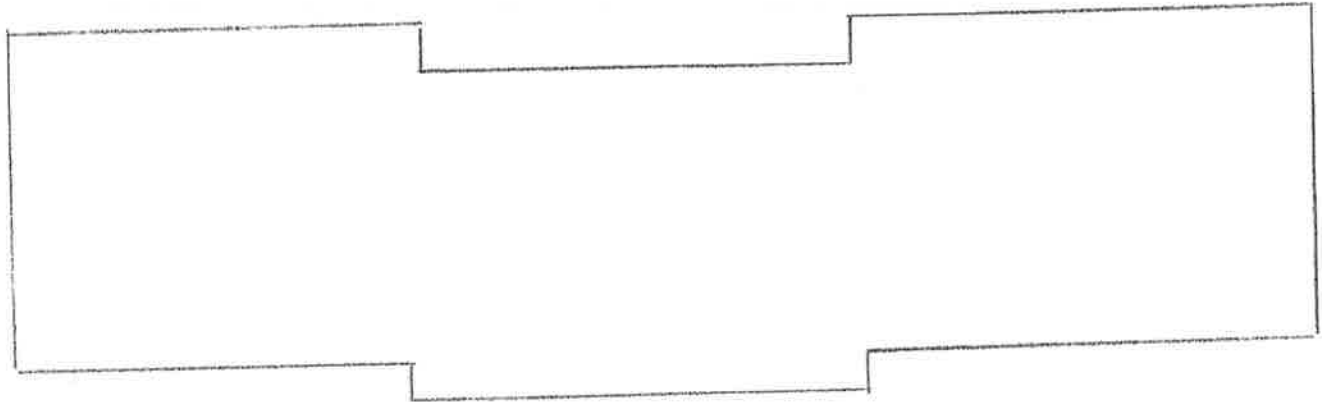
DAILY FIELD SUMMARY FORM

DATE: 6/24/ 2019

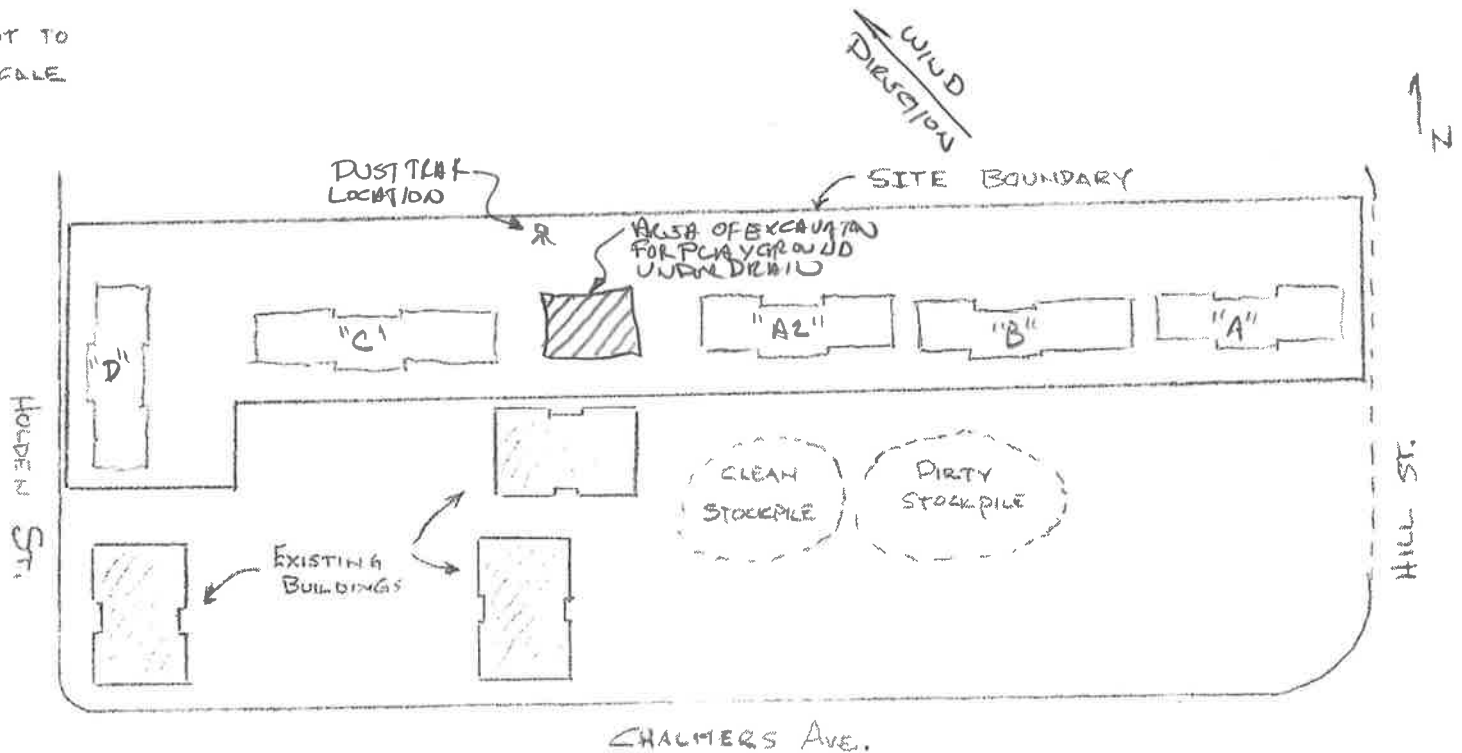
FILE No. 21.0056884.00

REPORT No. 19-84

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



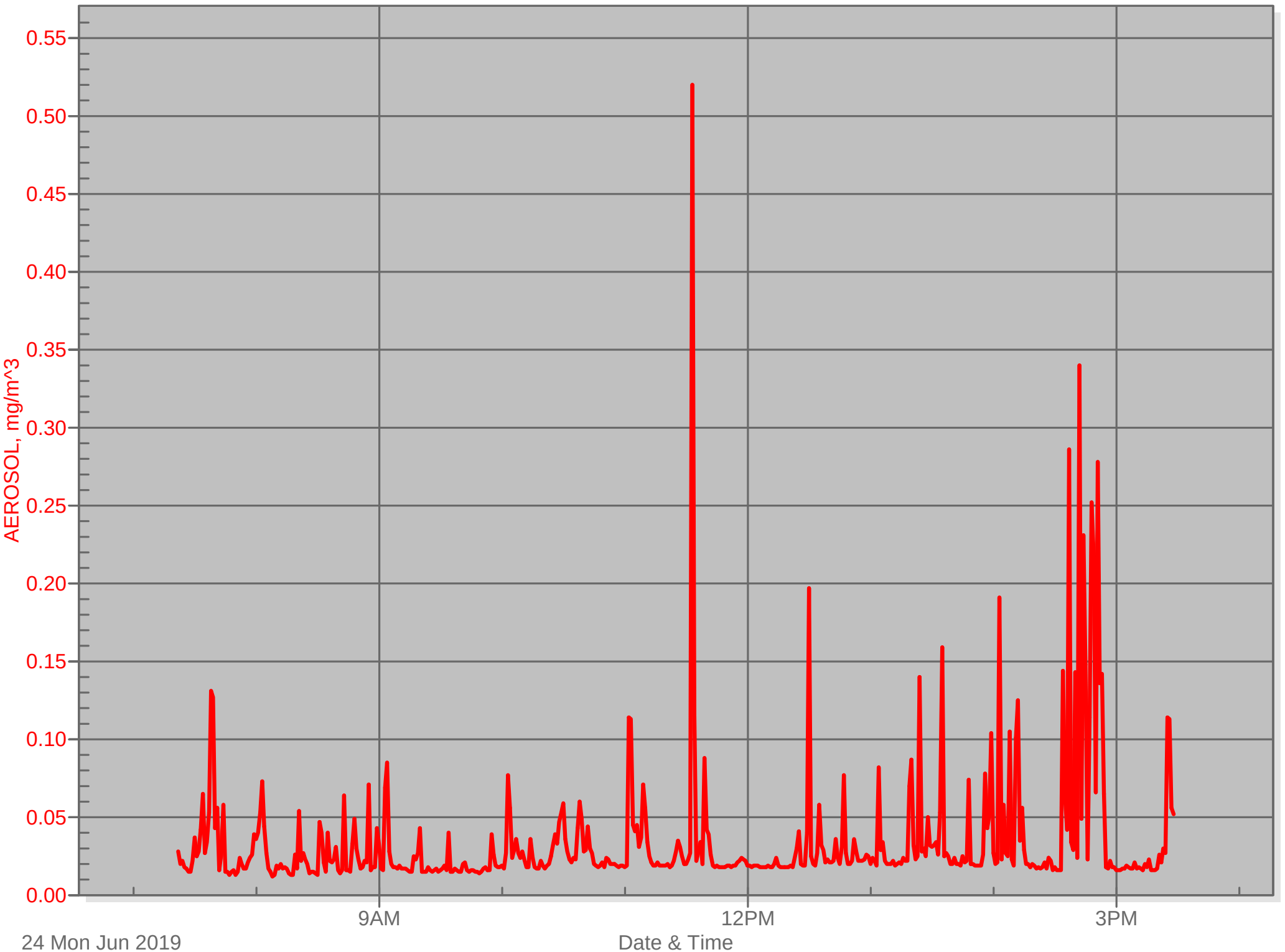
Test 086

Instrument		Data Properties	
Model	DustTrak II	Start Date	06/24/2019
Instrument S/N	8530162808	Start Time	07:20:51
		Stop Date	06/24/2019
		Stop Time	15:27:51
		Total Time	0:08:07:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.034 mg/m ³
Max	0.520 mg/m ³
Max Date	06/24/2019
Max Time	11:32:51
Min	0.012 mg/m ³
Min Date	06/24/2019
Min Time	08:07:51
TWA (8 hr)	0.034
TWA Start Date	06/24/2019
TWA Start Time	07:20:51
TWA End Time	15:27:51

Elim Town Homes

06-24-2019



DAILY FIELD SUMMARY FORM

DATE: 6/25 2019

FILE No. 21.0056884.00

REPORT No. 19-85

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: overcast/sunny ^{Partly} Temp Range: 67 to 72 °F
Time GZA Arrived on Site: 0725 Wind Speed: 13-20 mph
Wind Direction: SW

Site Conditions: wet & muddy

Contractors on Site: Visone

- GZA Personnel On-Site: Jim Richert
- GZA's Equipment On-Site:
 - DUST TRAK
 - MINI KRE 3000 PID

Name of NYSDEC Representative(s) on Site: NONE
Time of arrival/Time of departure:
Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

Visone installed vertical cleanouts on the south ends of all 5 N/S drain pipes set under stone bed of the playground.

visone excavated subgrade fill behind building C to boxout for placement of sidewalk & clean soil cover.

Photos taken: yes

Time GZA left Site: 1615

Prepared by: J. Richert

Reviewed by: M. Kress

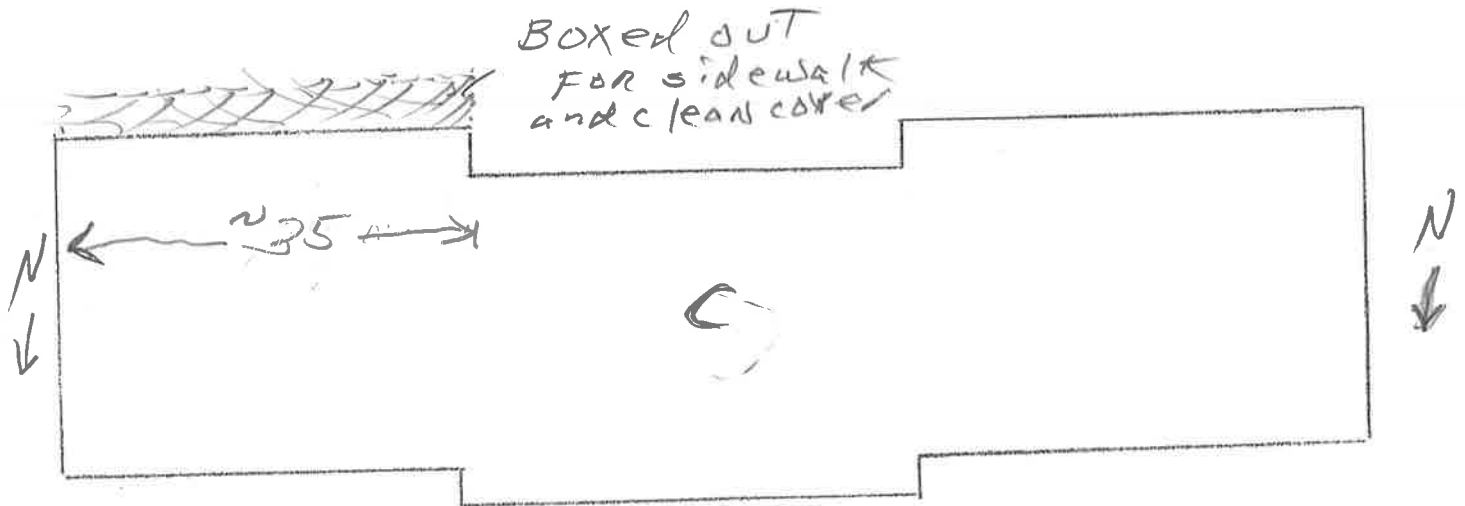
DATE: 6/25 2019

DAILY FIELD SUMMARY FORM

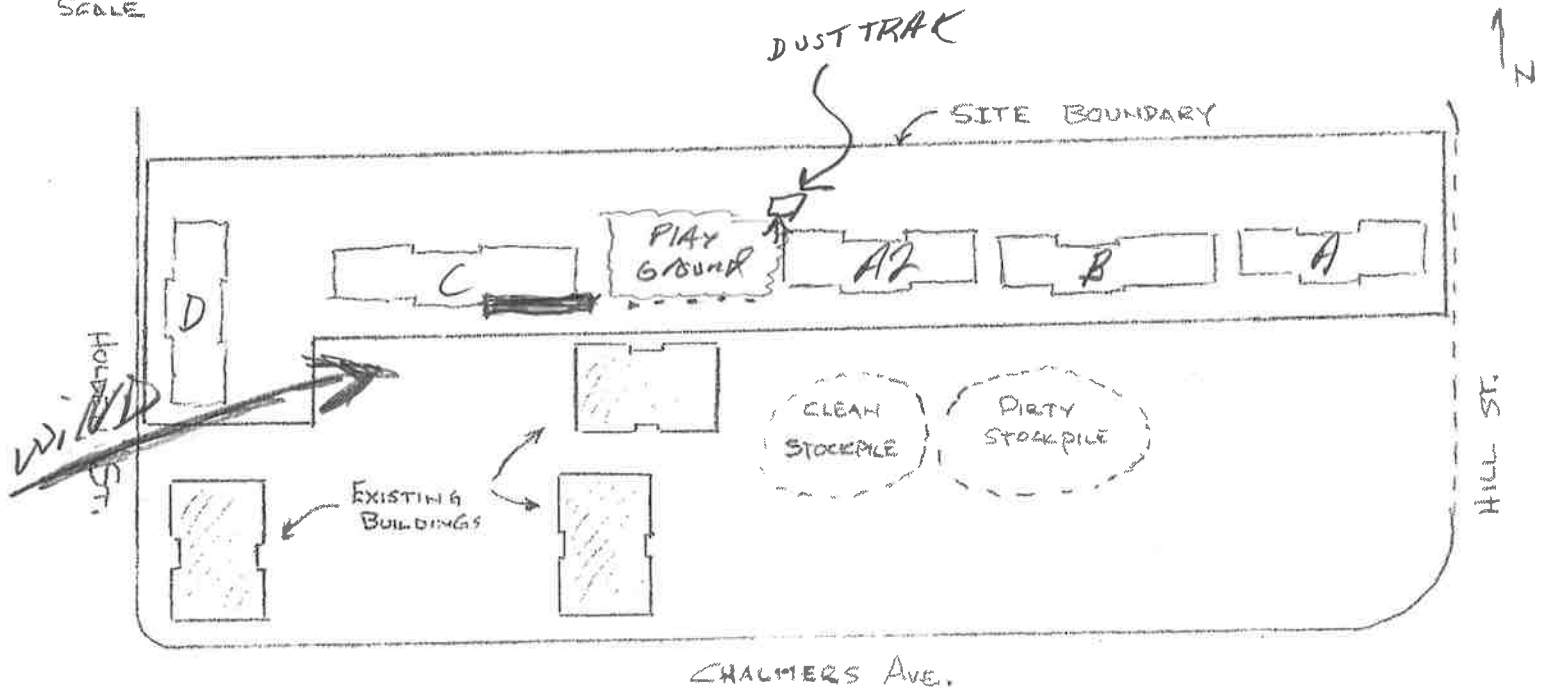
FILE No. 21.0056884.00

REPORT No. 19-85

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



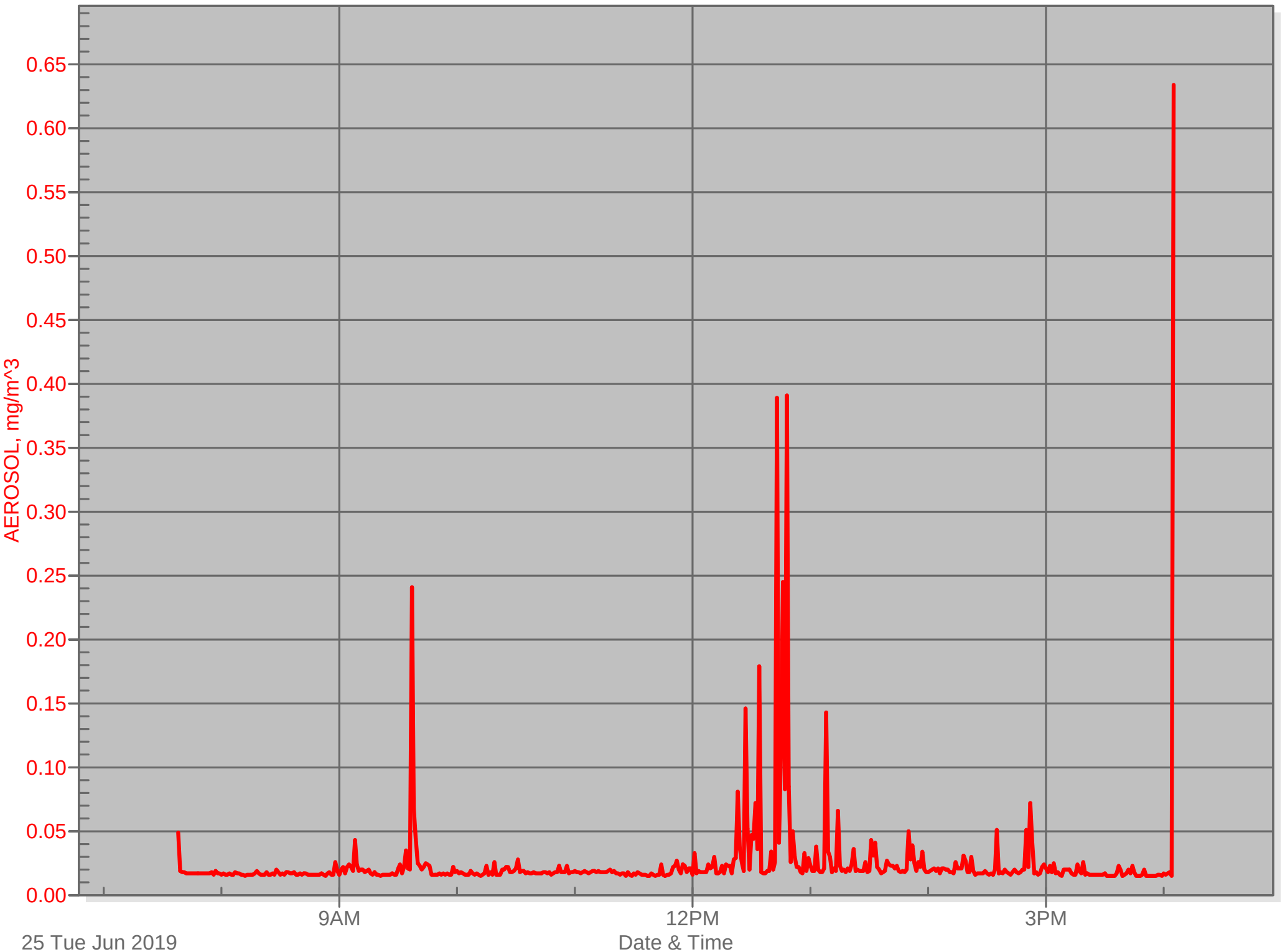
Test 087

Instrument		Data Properties	
Model	DustTrak II	Start Date	06/25/2019
Instrument S/N	8530162808	Start Time	07:37:01
		Stop Date	06/25/2019
		Stop Time	16:05:01
		Total Time	0:08:28:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.025 mg/m ³
Max	0.634 mg/m ³
Max Date	06/25/2019
Max Time	16:05:01
Min	0.015 mg/m ³
Min Date	06/25/2019
Min Time	08:12:01
TWA (8 hr)	0.024
TWA Start Date	06/25/2019
TWA Start Time	07:37:01
TWA End Time	16:05:01

Elim Town Homes

06-25-2019



DAILY FIELD SUMMARY FORM

DATE: 6/26/ 2019

FILE No. 21.0056884.00

REPORT No. 19-86

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: SUNNY

Temp Range: 62 to 80 °F

Wind Speed: 12 mph

Wind Direction: SW

Time GZA Arrived on Site: 0715

Site Conditions: Damp

Contractors on Site: VISOUS

- GZA Personnel On-Site: D. WOULF
- GZA's Equipment On-Site: DUST TRAK
MINI-RAB 3000 PID

Name of NYSDEC Representative(s) on Site: None

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- VISOUS EXCAVATING BETWEEN THE SOUTHERN PROPERTY LINE AND THE PLAYGROUND FOOTPRINT LOCATED BETWEEN BUILDINGS "A2" & "C" TO PROVIDE 2 FEET OF COVER IN THAT AREA. SOILS EXCAVATED WERE OBSERVED TO BE YELLOWISH BROWN SILTY SAND WITH GRAVEL/CORRUS, AND BRICKS. NO ODORS, SMOKE, PRODUCT, OR EXHAUSTED PID READING WERE OBSERVED.
- NO VISIBLE DUST WAS OBSERVED LEAVING THE SITE

Photos taken: YES

Time GZA left Site: 14:00

Prepared by: D. Wouf

Reviewed by: Jim Richert

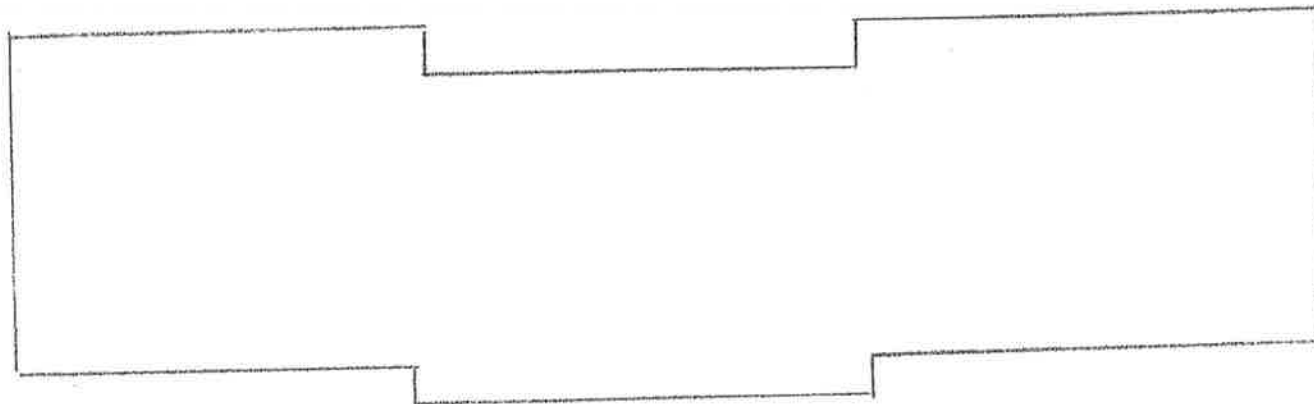
DAILY FIELD SUMMARY FORM

DATE: 6/26 / 2019

FILE No. 21.0056884.00

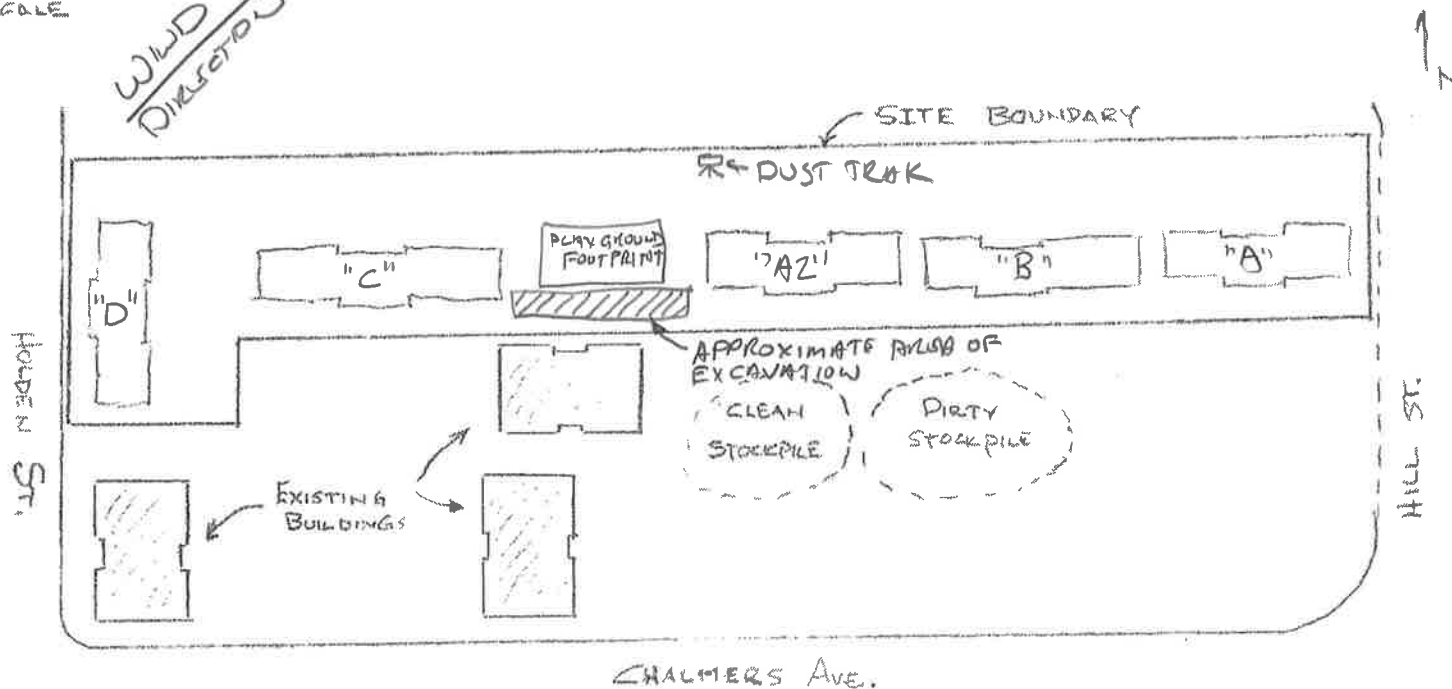
REPORT No. 19-86

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE

WIND
DIRECTION



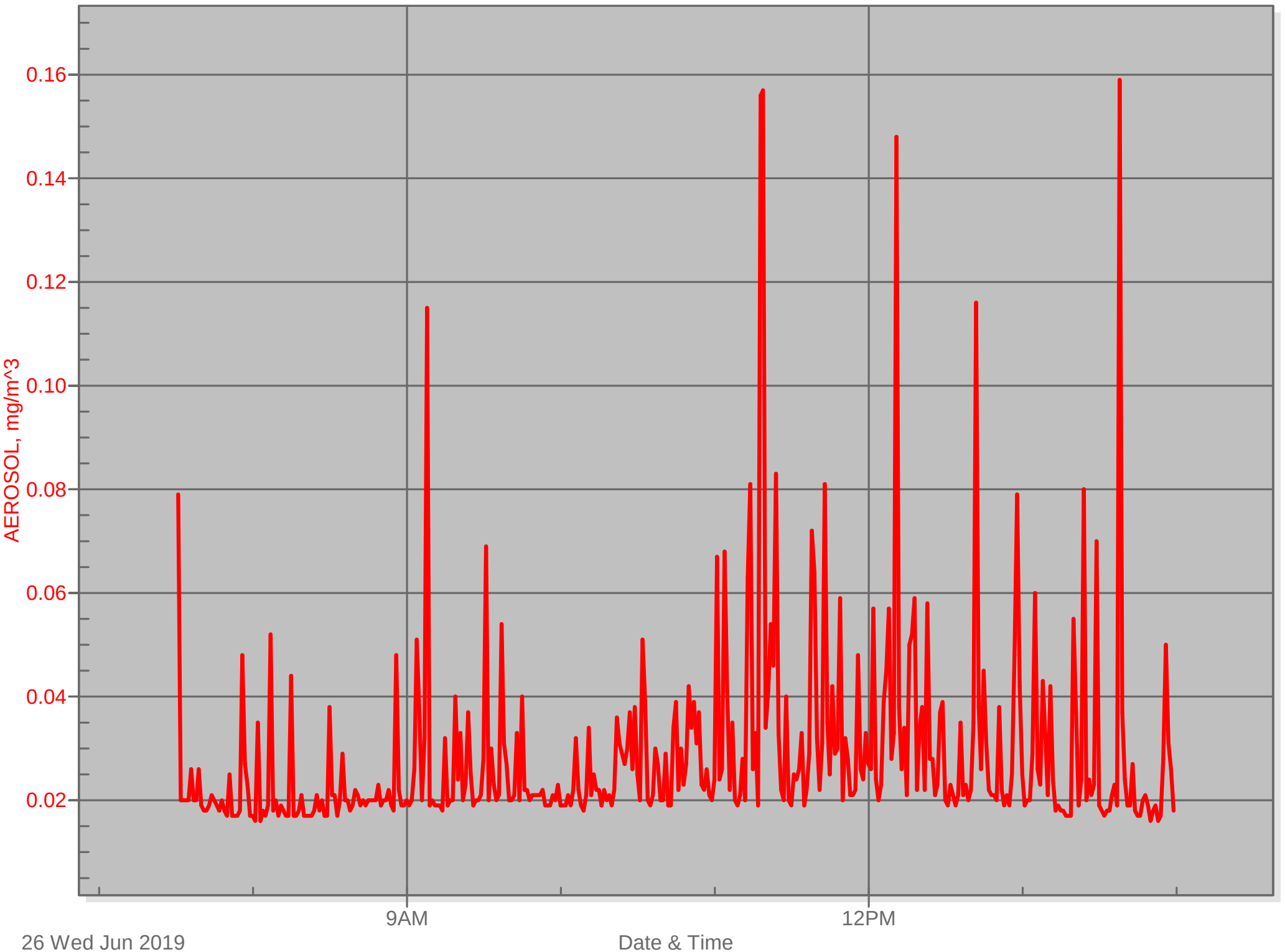
Test 088

Instrument		Data Properties	
Model	DustTrak II	Start Date	06/26/2019
Instrument S/N	8530162808	Start Time	07:29:50
		Stop Date	06/26/2019
		Stop Time	13:58:50
		Total Time	0:06:29:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.029 mg/m ³
Max	0.159 mg/m ³
Max Date	06/26/2019
Max Time	13:37:50
Min	0.016 mg/m ³
Min Date	06/26/2019
Min Time	08:00:50
TWA (8 hr)	0.023
TWA Start Date	06/26/2019
TWA Start Time	07:29:50
TWA End Time	13:58:50

Elim Town Homes

06-26-2019



DAILY FIELD SUMMARY FORM

DATE: 6-27 2019

FILE No. 21.0056884.00

REPORT No. 1987

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: HAZY SUN
HOT

Temp Range: 63 to 81 °F
Wind Speed: lite <5 mph
Wind Direction: SW

Time GZA Arrived on Site: 0705

Site Conditions: DRY

Contractors on Site: VISON

- GZA Personnel On-Site: Jim Richert
- GZA's Equipment On-Site: DUST TRAK
MINIRAE 3000 (PID)

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

N/A

SUMMARY OF WORK OBSERVED: (See attached field sketch)

VISON BOXED OUT + BACK FILLED
AREAS SOUTH OF AND
WEST OF PLAYGROUND
- LOWERED + CONTOURED LARGE
DIRTY + CLEAN SOIL PILES
- NO OBSERVED OR MEASURED
DUST OR VOCs TODAY

Photos taken: Yes

Time GZA left Site: 1330

Prepared by: J. Richert

Reviewed by: Mina Kress

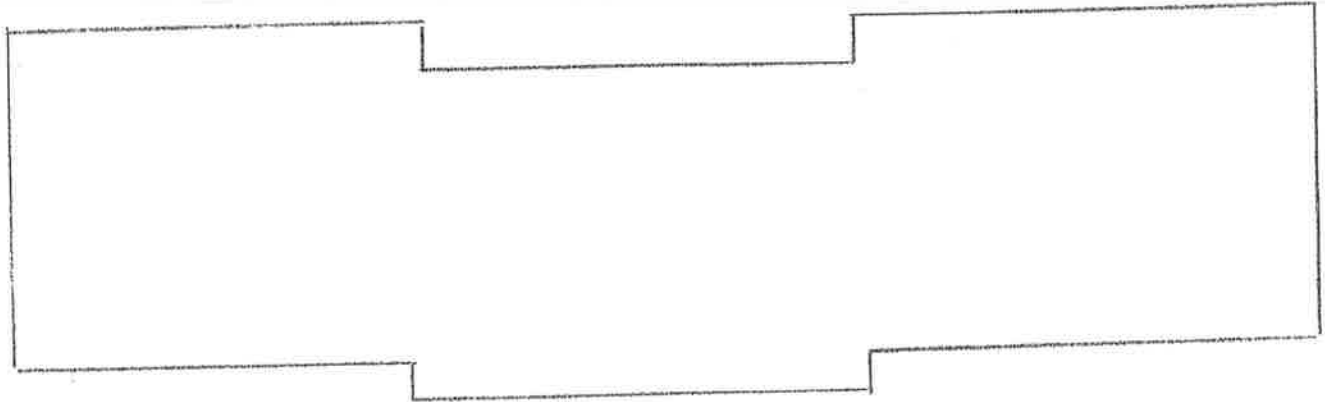
DATE: 6-27 2019

DAILY FIELD SUMMARY FORM

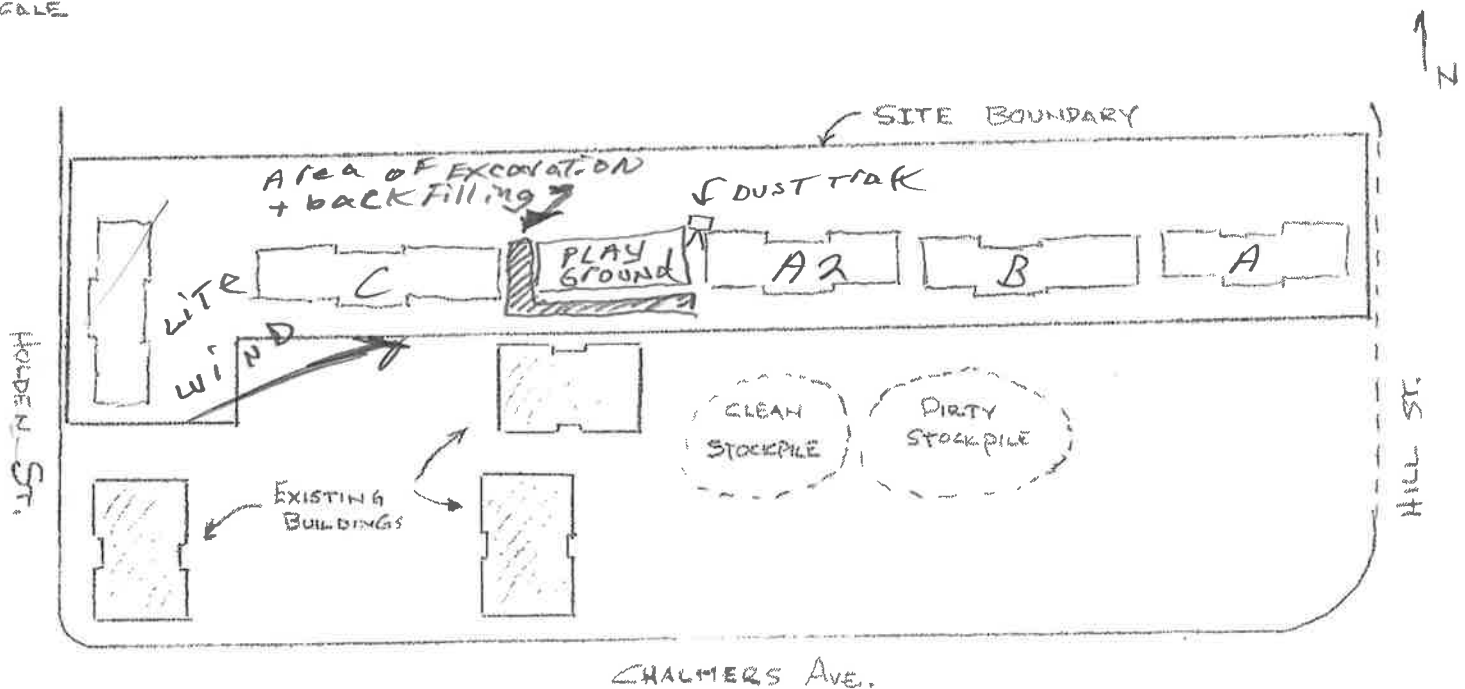
FILE No. 21.0056884.00

REPORT No. 19-87

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



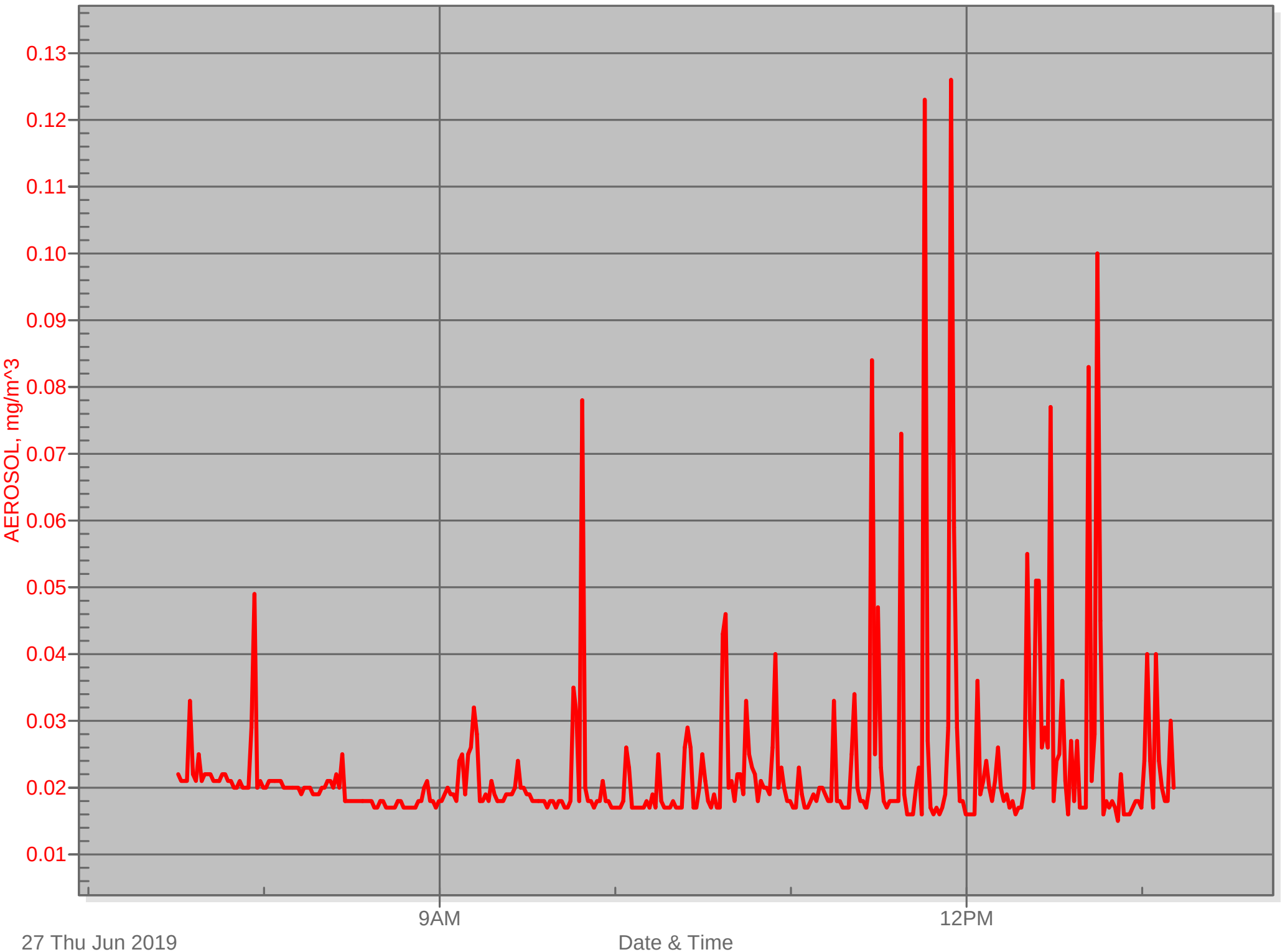
Test 089

Instrument		Data Properties	
Model	DustTrak II	Start Date	06/27/2019
Instrument S/N	8530162808	Start Time	07:29:42
		Stop Date	06/27/2019
		Stop Time	13:10:42
		Total Time	0:05:41:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.023 mg/m ³
Max	0.126 mg/m ³
Max Date	06/27/2019
Max Time	11:54:42
Min	0.015 mg/m ³
Min Date	06/27/2019
Min Time	12:51:42
TWA (8 hr)	0.016
TWA Start Date	06/27/2019
TWA Start Time	07:29:42
TWA End Time	13:10:42

Elim Town Homes

06-27-2019



DAILY FIELD SUMMARY FORM

DATE: 7/24 2019

FILE No. 21.0056884.00

REPORT No. 19-28

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: Sunny

Temp Range: 65 to 80 °F

Wind Speed: 0-5 mph

Wind Direction: WSW

Time GZA Arrived on Site: 0721

Site Conditions: dry

Contractors on Site: Vision Construction + several trades

• GZA Personnel On-Site: Jim Richert

• GZA's Equipment On-Site: DUST TRAK
Mini Rac 3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

N/A

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Repaired sub-grade PIPE OF NEW fire hydrant NORTH OF playground
- cleaned + graded surface of N. central area of site
- wetted site roads for dust control.

NO DUST OR PID readings above action levels observed

Photos taken: yes

Time GZA left Site: 1540

Prepared by: Jim Richert

Reviewed by: Mike Kress

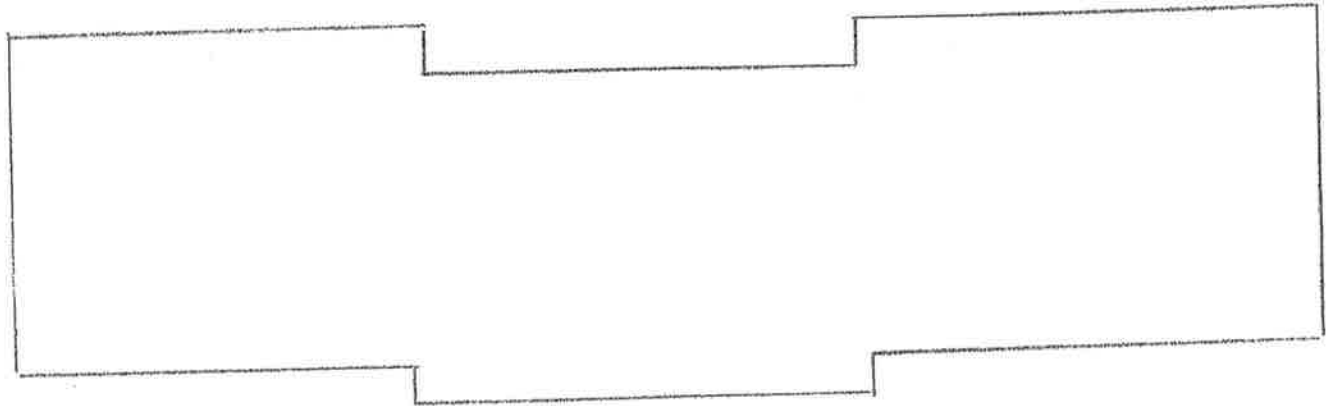
DATE: 7/24 2019

DAILY FIELD SUMMARY FORM

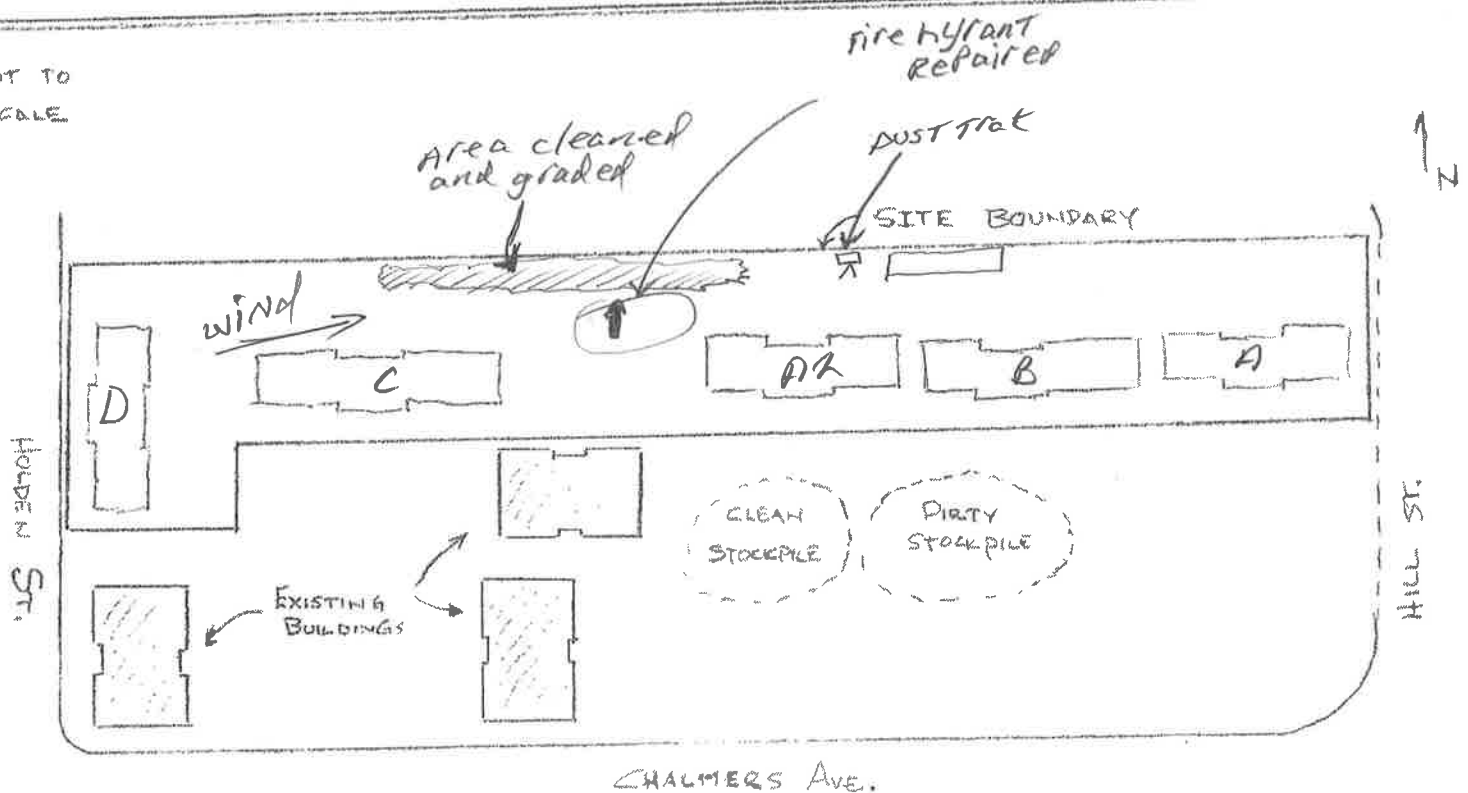
FILE No. 21.0056884.00

REPORT No. 19-88

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



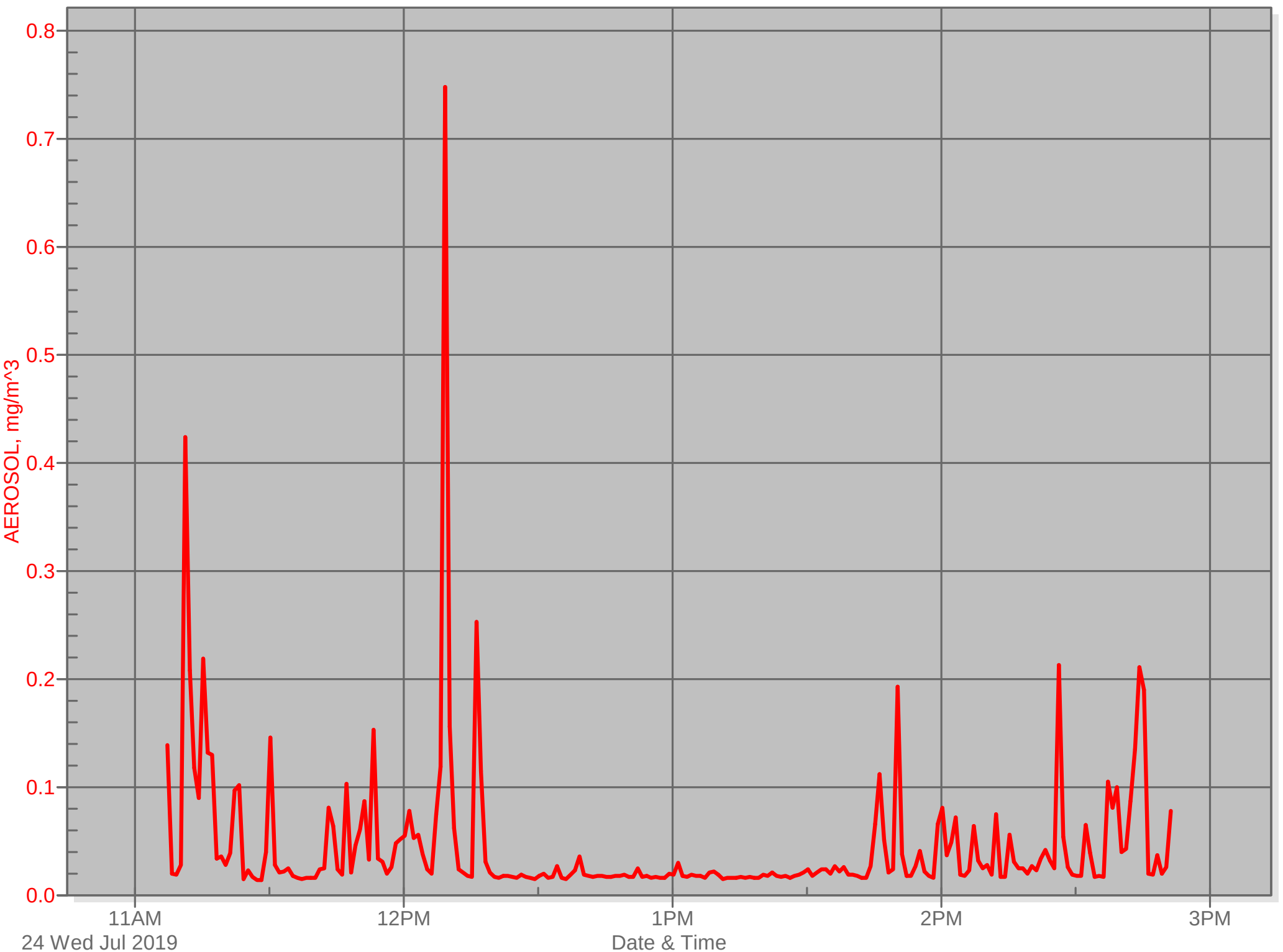
Test 001

Instrument		Data Properties	
Model	DustTrak II	Start Date	07/24/2019
Instrument S/N	8530121503	Start Time	11:06:14
		Stop Date	07/24/2019
		Stop Time	14:51:14
		Total Time	0:03:45:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.045 mg/m ³
Max	0.748 mg/m ³
Max Date	07/24/2019
Max Time	12:09:14
Min	0.014 mg/m ³
Min Date	07/24/2019
Min Time	11:27:14
TWA (8 hr)	0.021
TWA Start Date	07/24/2019
TWA Start Time	11:06:14
TWA End Time	14:51:14

Elim Town Homes

07-24-2019



DAILY FIELD SUMMARY FORM

DATE: 8/6/2019

FILE No. 21.0056884.00

REPORT No. 19-89

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: SUNNY

Temp Range: 67 to 85 °F

Time GZA Arrived on Site: 12:00

Rain @ 12:45

Wind Speed: 16 mph

Wind Direction: WSW

Site Conditions: DRY

Contractors on Site: VISON

- GZA Personnel On-Site: D. WOLF
- GZA's Equipment On-Site: DUST TRAK
MINI-RAE 3000

Name of NYSDEC Representative(s) on Site: NONE

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- VISON EXCAVATING ALONG THE SOUTHERN SIDE OF BUILDING "C" TO PROVIDE 2 FEET OF COVER FOR THE SIDE WALK TO BE INSTALLED. SOILS EXCAVATED WERE A SILTY SAND WITH GRAVEL / COBBLES. NO DRUMS, SHEET PILES, PRODUCT, OR ELEVATED PID REMAINS WERE OBSERVED.
- NO VISIBLE DUST WAS OBSERVED LEAVING THE SITE.

Photos taken: VCS

Time GZA left Site: 13:30

Prepared by: D. WOLF

Reviewed by: J. Richart

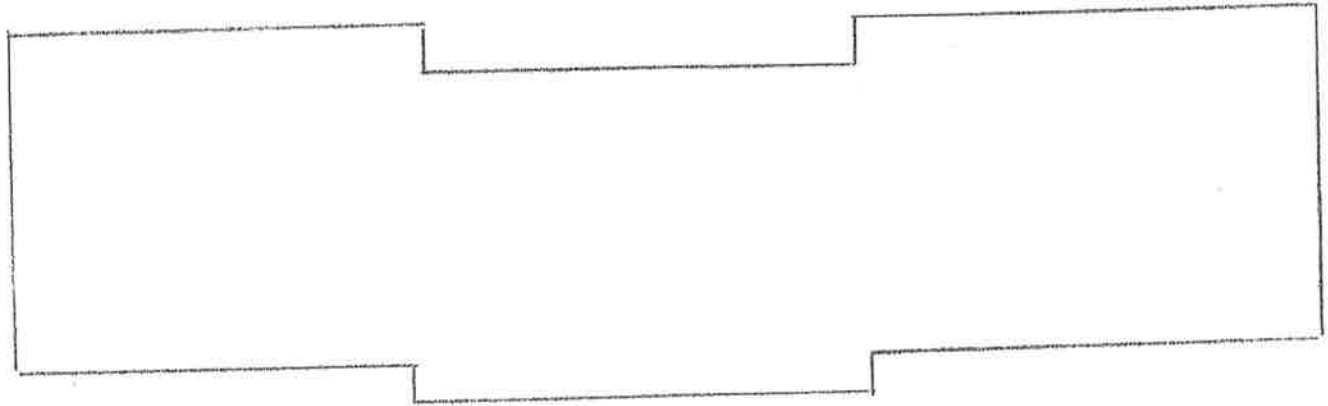
DAILY FIELD SUMMARY FORM

DATE: 8/6/ 2019

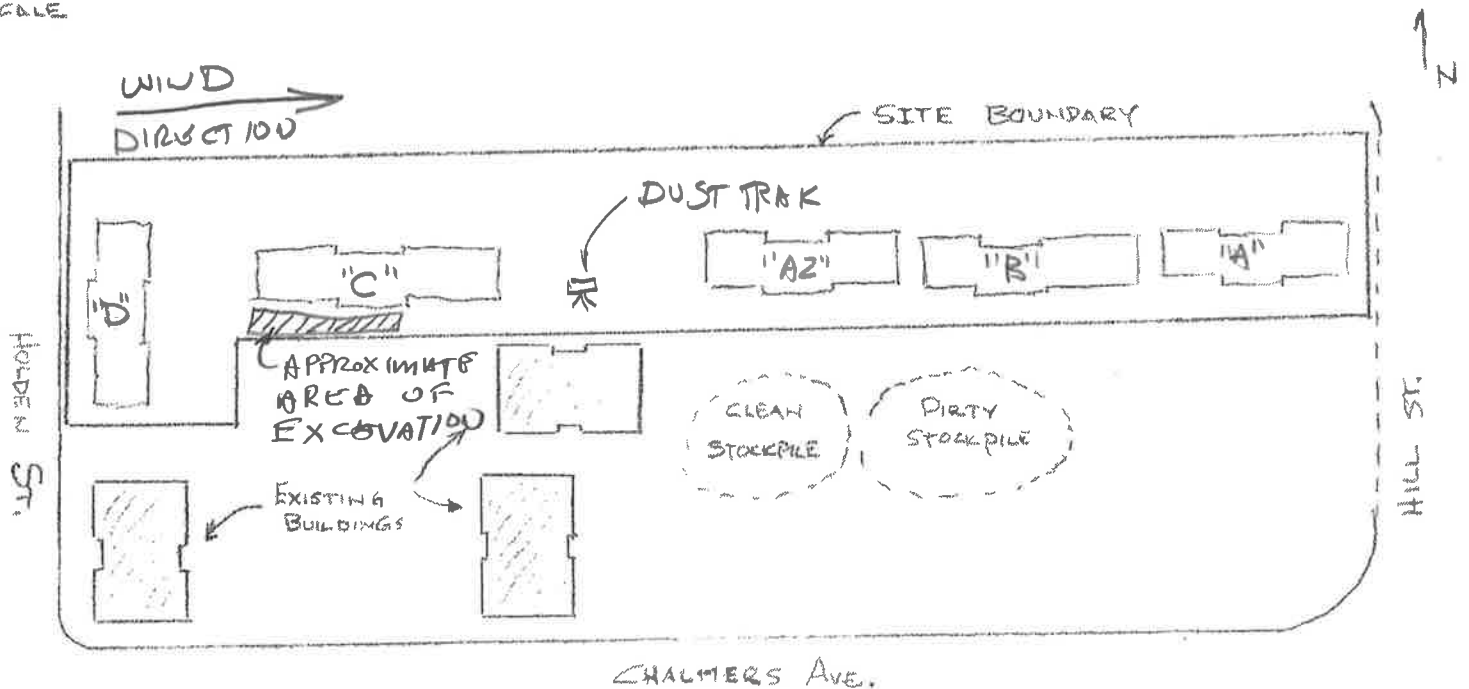
FILE No. 21.0056884.00

REPORT No. 19-89

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



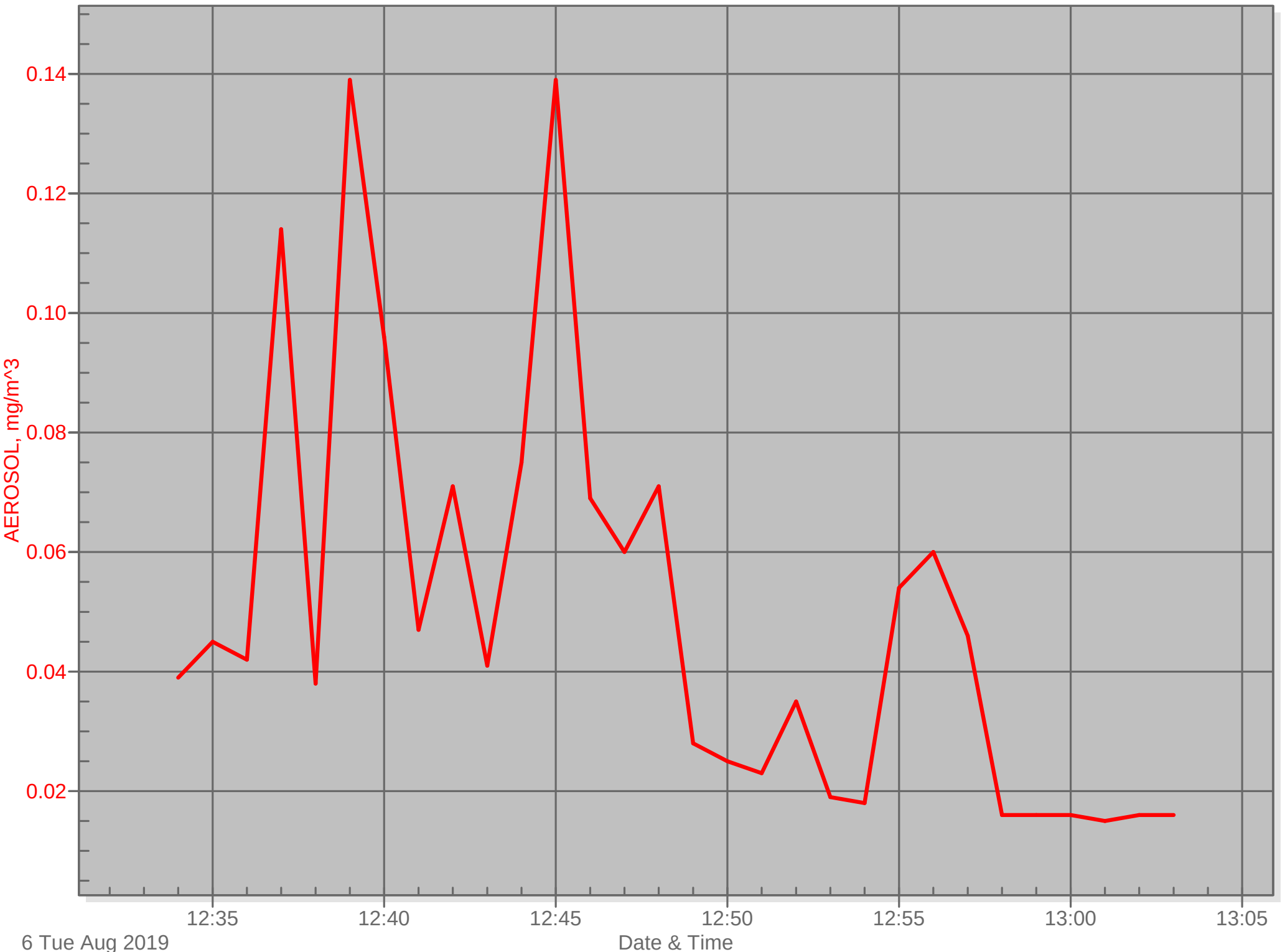
Test 003

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/06/2019
Instrument S/N	8530143607	Start Time	12:33:00
		Stop Date	08/06/2019
		Stop Time	13:03:00
		Total Time	0:00:30:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.050 mg/m ³
Max	0.139 mg/m ³
Max Date	08/06/2019
Max Time	12:39:00
Min	0.015 mg/m ³
Min Date	08/06/2019
Min Time	13:01:00
TWA (8 hr)	0.003
TWA Start Date	08/06/2019
TWA Start Time	12:33:00
TWA End Time	13:03:00

Elim Town Homes

08-06-2019



DAILY FIELD SUMMARY FORM

DATE: 8/7/2019

FILE No. 21.0056884.00

REPORT No. 19-90

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: OVERCAST
EARLY LIGHT RAIN
Time GZA Arrived on Site: 07:00 SUNNY @ 09:00

Temp Range: 63 to 78 °F
Wind Speed: 2 mph
Wind Direction: ESSE

Site Conditions: DAMP

Contractors on Site: VISONI

- GZA Personnel On-Site: D. WULF
- GZA's Equipment On-Site: DUST TRIAK
MINI-RAE 3000

Name of NYSDEC Representative(s) on Site: NONE
Time of arrival/Time of departure:
Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- VISONI EXCAVATING ALONG THE SOUTHERN SIDE OF BUILDING "C" TO PROVIDE 2 FEET OF COVER FROM FINISH GRADE AND INSTALL DEMPARK FABRIC. SOILS EXCAVATED WERE YELLOWISH BROWN SILTY SAND WITH GRAVEL/COBBLES. NO ODORS, SHEEN, PRODUCT OR ELEVATED PLD READINGS WERE OBSERVED.
- NO VISIBLE DUST WAS OBSERVED LEAVING THE SITE

Photos taken: YES

Time GZA left Site: 15:30

Prepared by: D. WULF

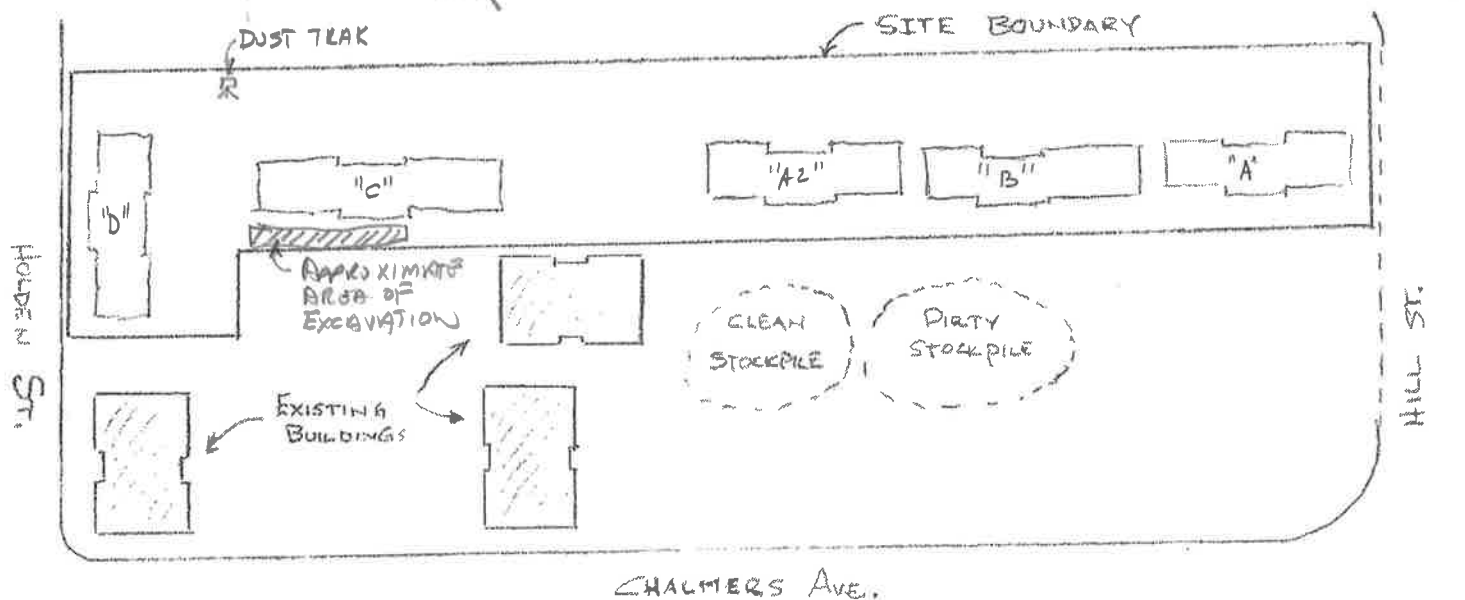
Reviewed by: J. Rickert

FILE No. 21.0056884.00

REPORT No. 19-90



WIND
Direction



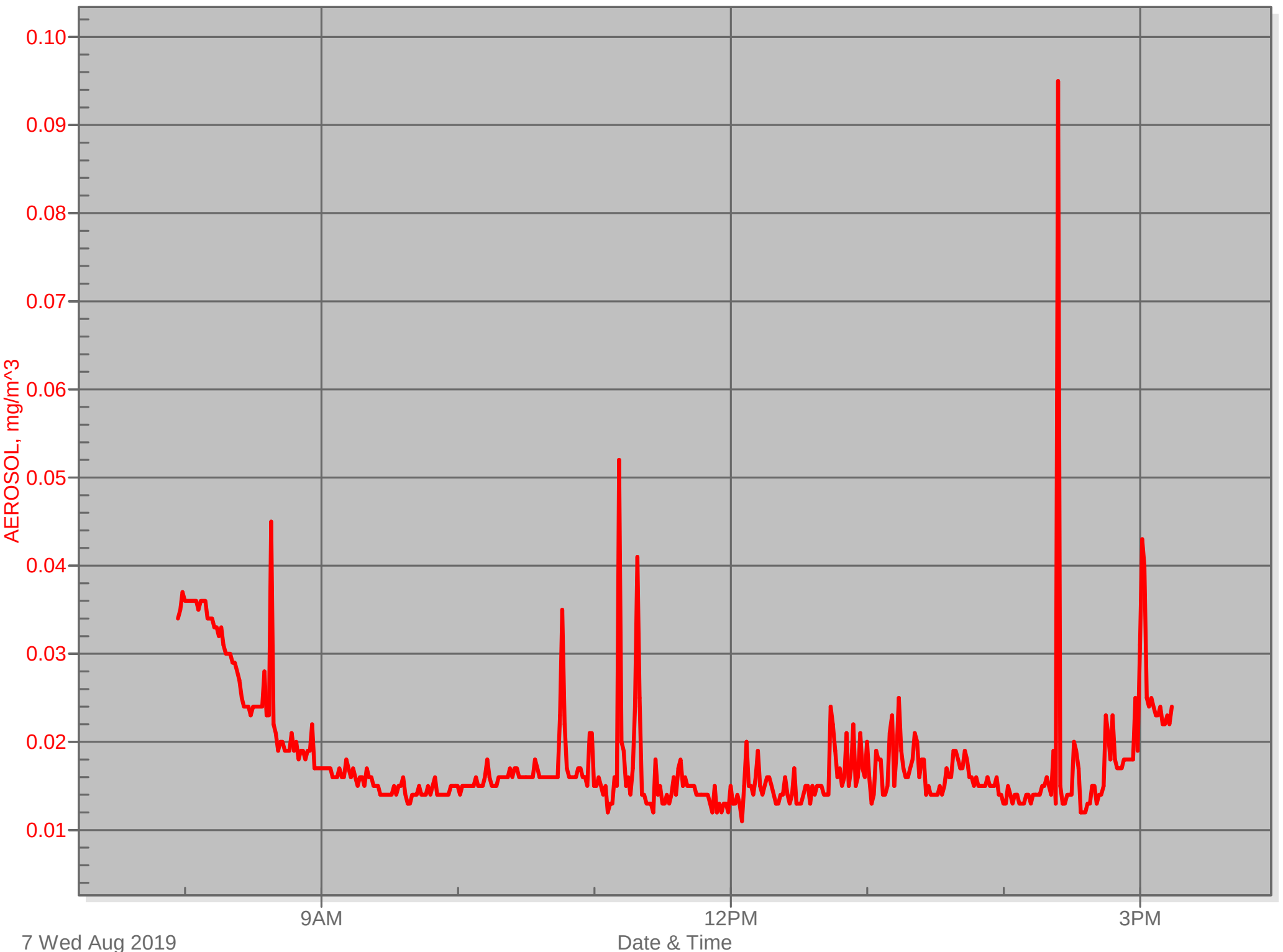
Test 004

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/07/2019
Instrument S/N	8530143607	Start Time	07:55:53
		Stop Date	08/07/2019
		Stop Time	15:13:53
		Total Time	0:07:18:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.018 mg/m ³
Max	0.095 mg/m ³
Max Date	08/07/2019
Max Time	14:23:53
Min	0.011 mg/m ³
Min Date	08/07/2019
Min Time	12:04:53
TWA (8 hr)	0.016
TWA Start Date	08/07/2019
TWA Start Time	07:55:53
TWA End Time	15:13:53

Elim Town Homes

08-07-2019



DAILY FIELD SUMMARY FORM

DATE: 8/8 2019

FILE No. 21.0056884.00

REPORT No. 19-91

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: Sunny then Heavy Rain

Temp Range: 67 to 66 °F
Wind Speed: 5-20 mph
Wind Direction: WSW

Time GZA Arrived on Site: 10:00

Site Conditions: Dry then wet

Contractors on Site: Visone +

- GZA Personnel On-Site: Jim Richert
- GZA's Equipment On-Site: DUST TRAK
Mini Rae 3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

N/A

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Visone Placed clean soil to achieve pre-top soil grade along the western 1/2 of the south side of Building C.
- work stopped by heavy rain
no visible dust + no dust meter alarm triggered

Photos taken: yes

Time GZA left Site: 1135

Prepared by: Jim Richert

Reviewed by: Thad Thun

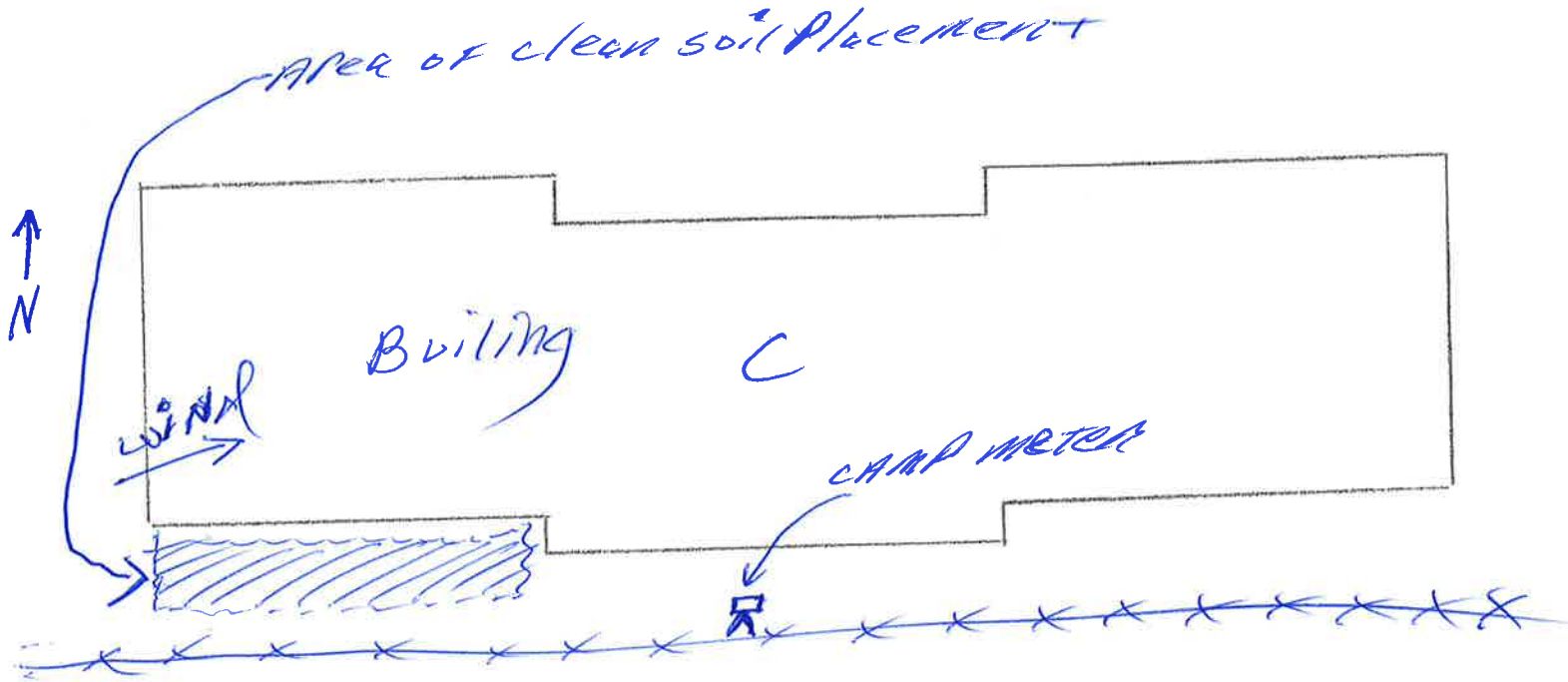
DAILY FIELD SUMMARY FORM

DATE: 8/8 2019

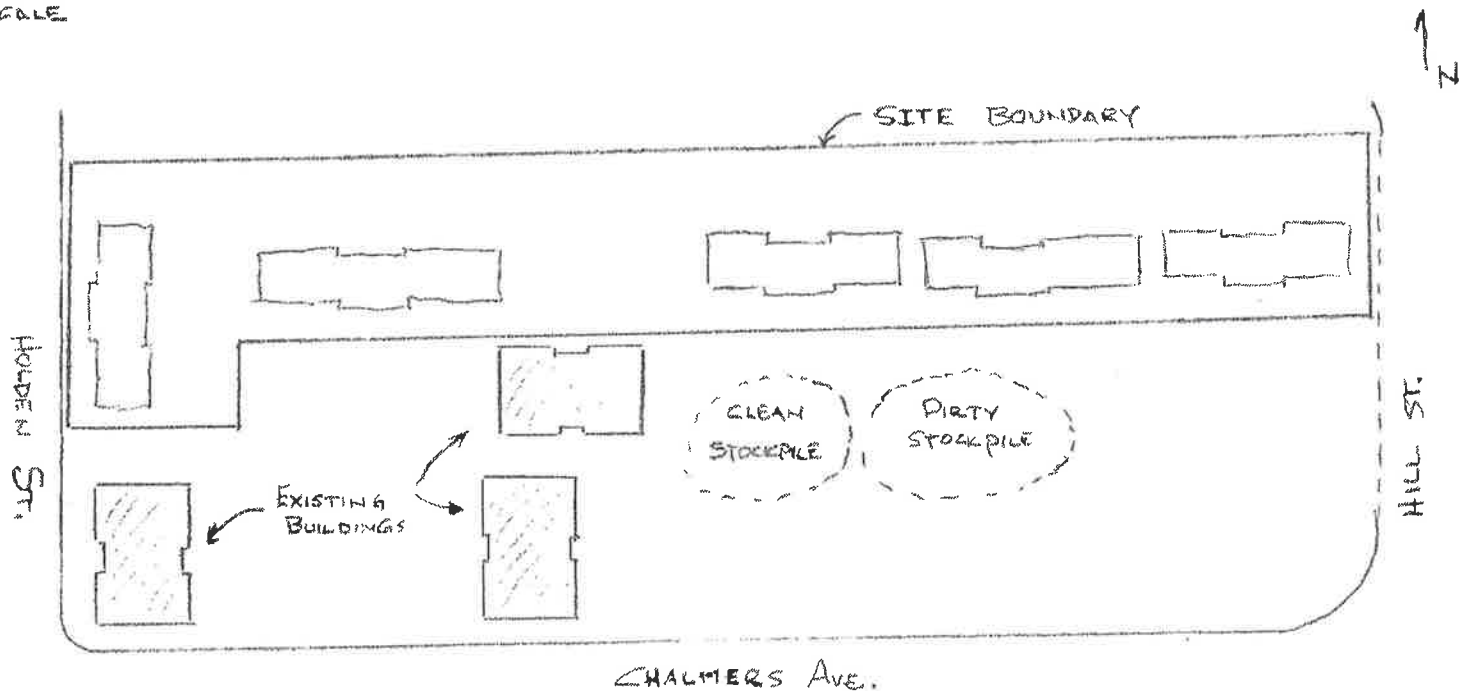
FILE No. 21.0056884.00

REPORT No. 19-90

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



Not to
SCALE



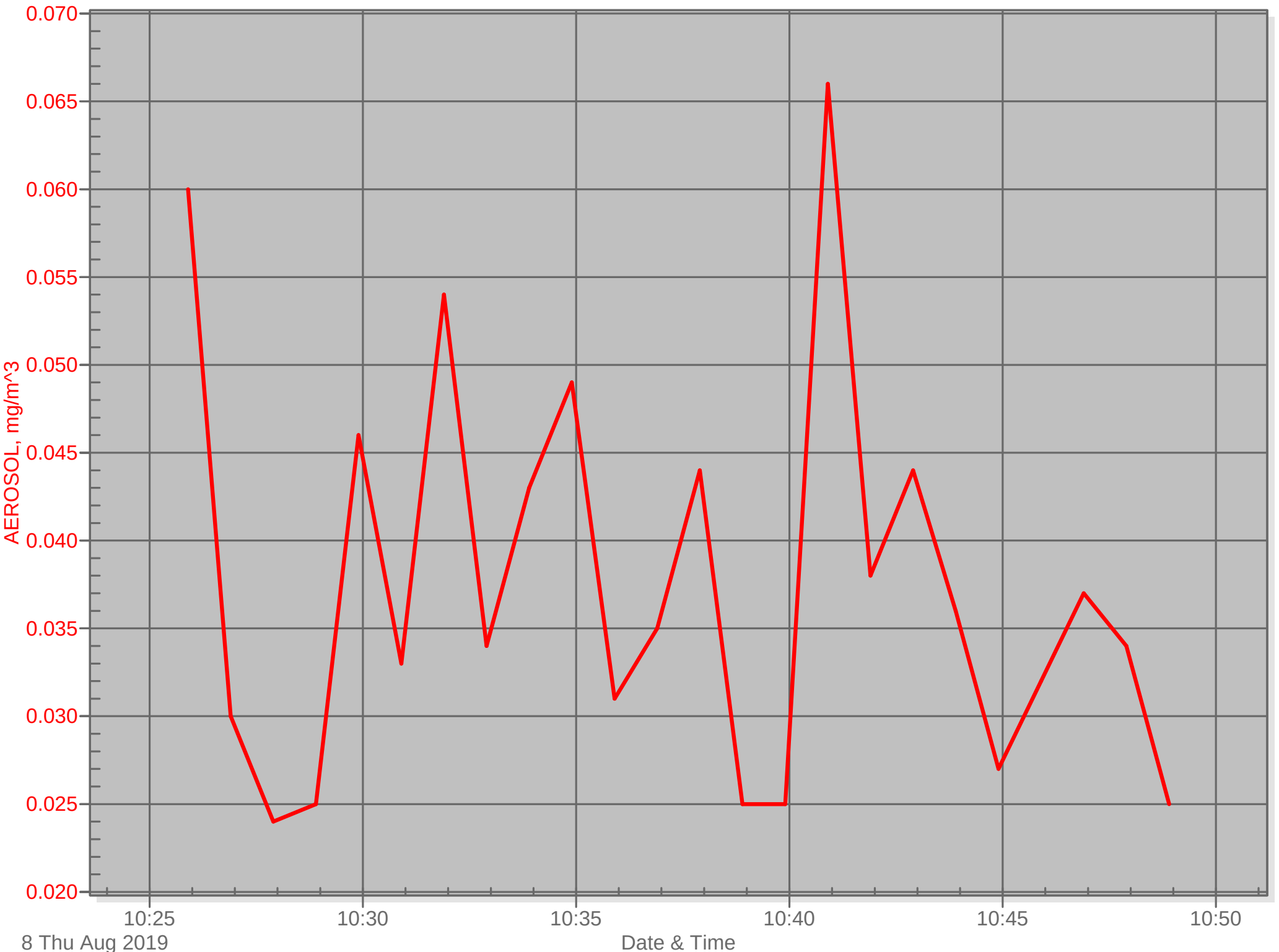
Test 005

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/08/2019
Instrument S/N	8530143607	Start Time	10:24:54
		Stop Date	08/08/2019
		Stop Time	10:48:54
		Total Time	0:00:24:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.037 mg/m ³
Max	0.066 mg/m ³
Max Date	08/08/2019
Max Time	10:40:54
Min	0.024 mg/m ³
Min Date	08/08/2019
Min Time	10:27:54
TWA (8 hr)	0.002
TWA Start Date	08/08/2019
TWA Start Time	10:24:54
TWA End Time	10:48:54

Elim Town Homes

08-08-2019



DAILY FIELD SUMMARY FORM

DATE: 8/10 2019

FILE No. 21.0056884.00

REPORT No. 1992

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: SUNNY/clear

Temp Range: 59 to 70 °F

Wind Speed: 10 mph

Wind Direction: WNW

Time GZA Arrived on Site: 7:15

Site Conditions: dry

Contractors on Site: VISONE

- GZA Personnel On-Site: Jim Richert
- GZA's Equipment On-Site:
 - DUST TRAK
 - MINNIAC-3000

Name of NYSDEC Representative(s) on Site: N/A

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

visone:

- Placed clean stone along south site boundary behind Building C.
- Received 1 load of TOP SOIL from DEC-APPROVED Pile @ VISONE'S YARD
- NO DUST observed or DUST Reading above ACTION level observed

Photos taken: y

Time GZA left Site: 8:50

Prepared by: Jim Richert

Reviewed by: Neil Xu

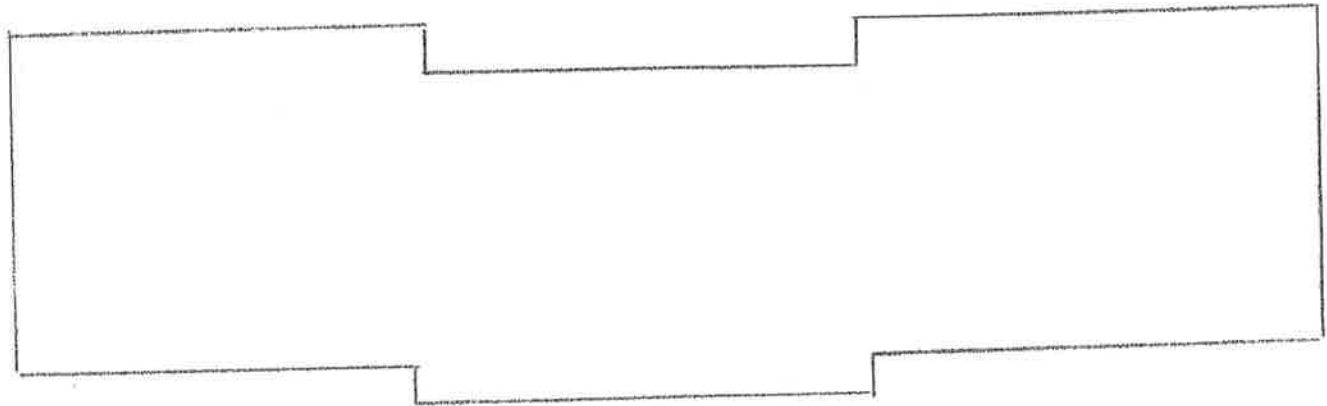
DATE: 8/10 2019

DAILY FIELD SUMMARY FORM

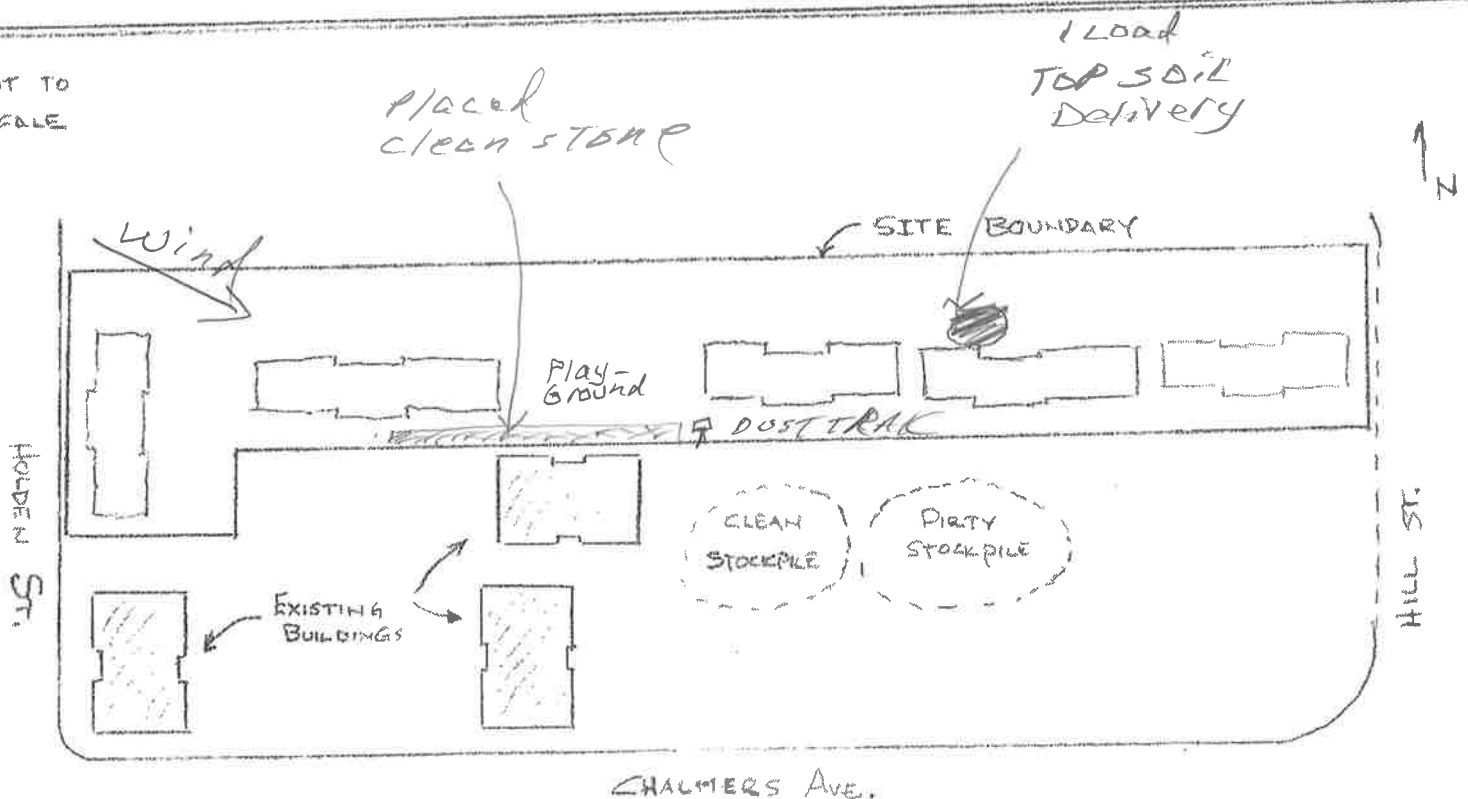
FILE No. 21.0056884.00

REPORT No. 19-92

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



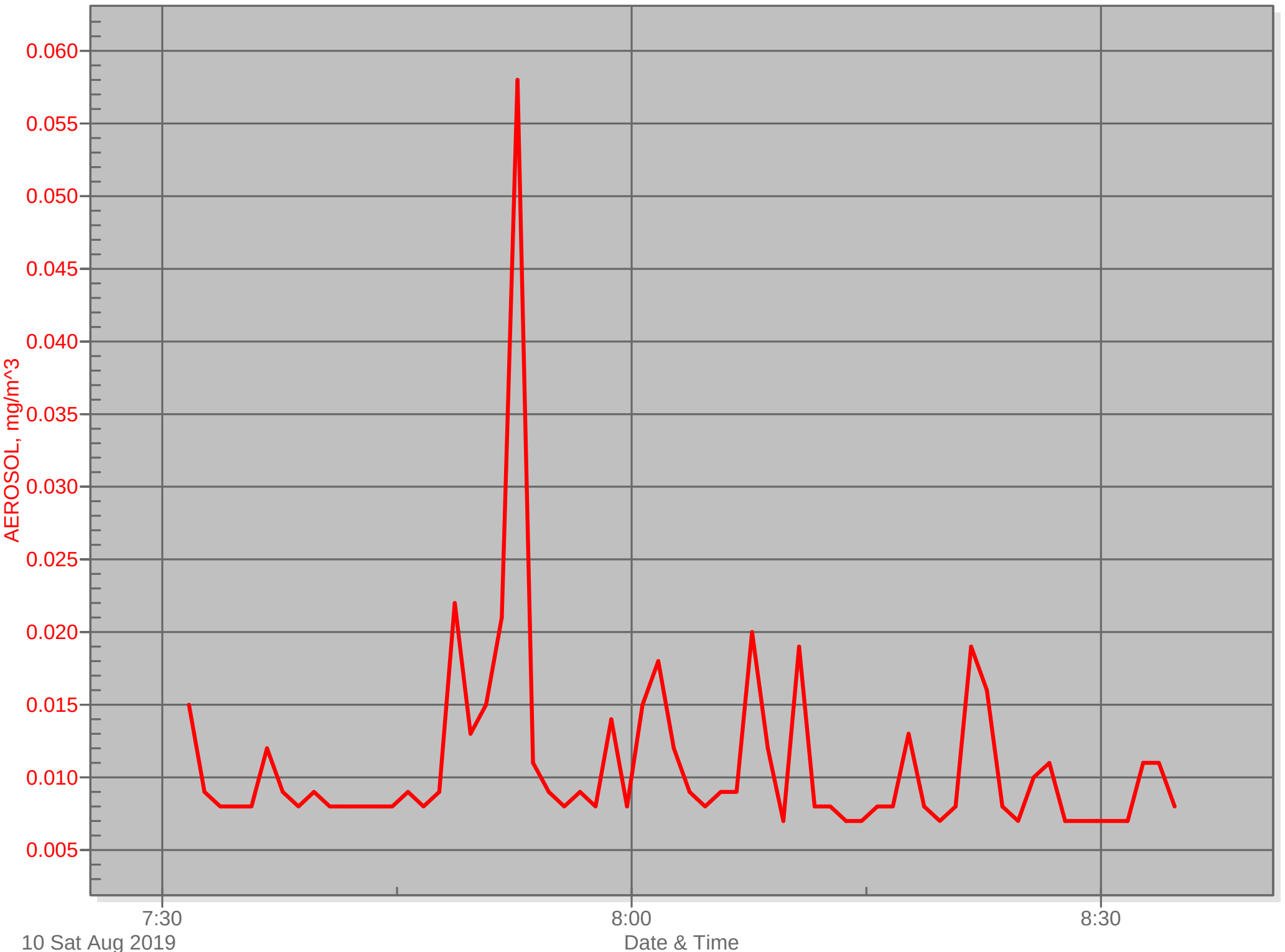
Test 006

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/10/2019
Instrument S/N	8530143607	Start Time	07:30:42
		Stop Date	08/10/2019
		Stop Time	08:34:42
		Total Time	0:01:04:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.011 mg/m ³
Max	0.058 mg/m ³
Max Date	08/10/2019
Max Time	07:52:42
Min	0.007 mg/m ³
Min Date	08/10/2019
Min Time	08:09:42
TWA (8 hr)	0.001
TWA Start Date	08/10/2019
TWA Start Time	07:30:42
TWA End Time	08:34:42

Elim Town Homes

08-10-2019



DAILY FIELD SUMMARY FORM

DATE: 8/12/ 2019

FILE No. 21.0056884.00

REPORT No. 19-93

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: OVERCAST

Temp Range: 67 to 82 °F

Wind Speed: 6 mph

Wind Direction: S

Time GZA Arrived on Site: 07:00

Site Conditions: DRY

Contractors on Site: VI SOLS

- GZA Personnel On-Site: D. WOLF, J. RICKERT
- GZA's Equipment On-Site: DUST-TRAK
MINI-RAE 3000 PID

Name of NYSDEC Representative(s) on Site: NONE

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- VI SOLS PLACED TOPSOIL BETWEEN THE PATIOS ALONG THE NORTH SIDES OF BUILDING "A", NO VISIBLE DUST WAS OBSERVED LEAVING THE SITE.

Photos taken: YES

Time GZA left Site: 09:00

Prepared by: D. WOLF

Reviewed by: J. Rickert

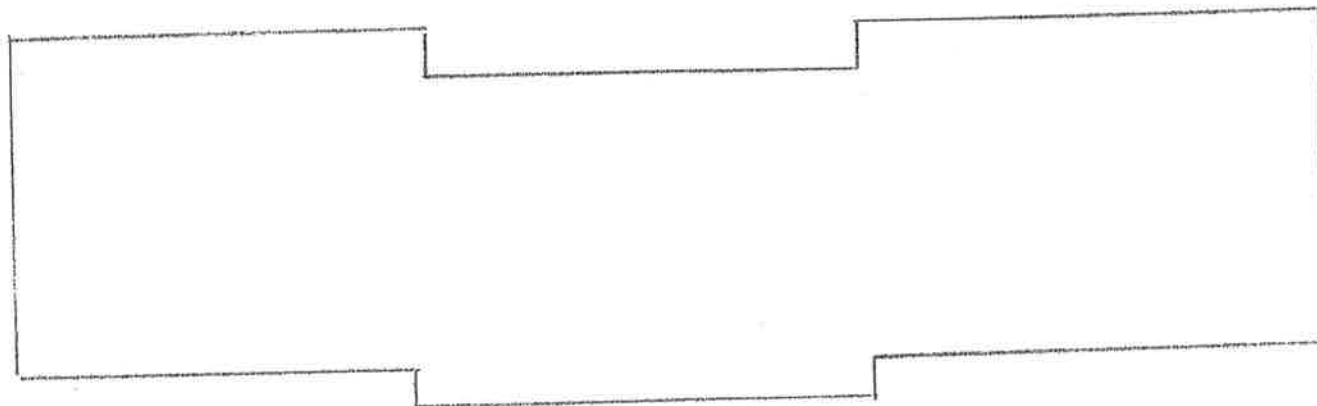
DAILY FIELD SUMMARY FORM

DATE: 8/12/2019

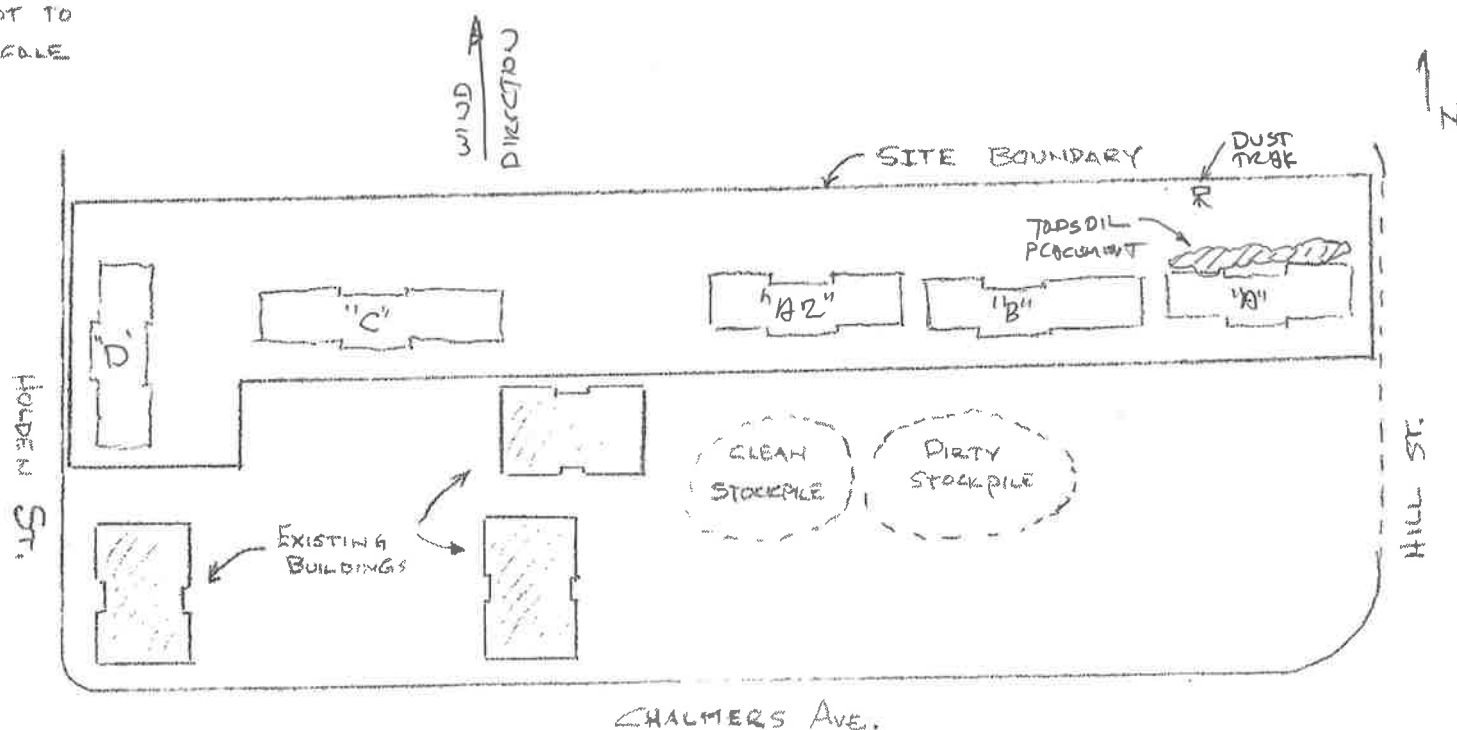
FILE No. 21.0056884.00

REPORT No. 19-13

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



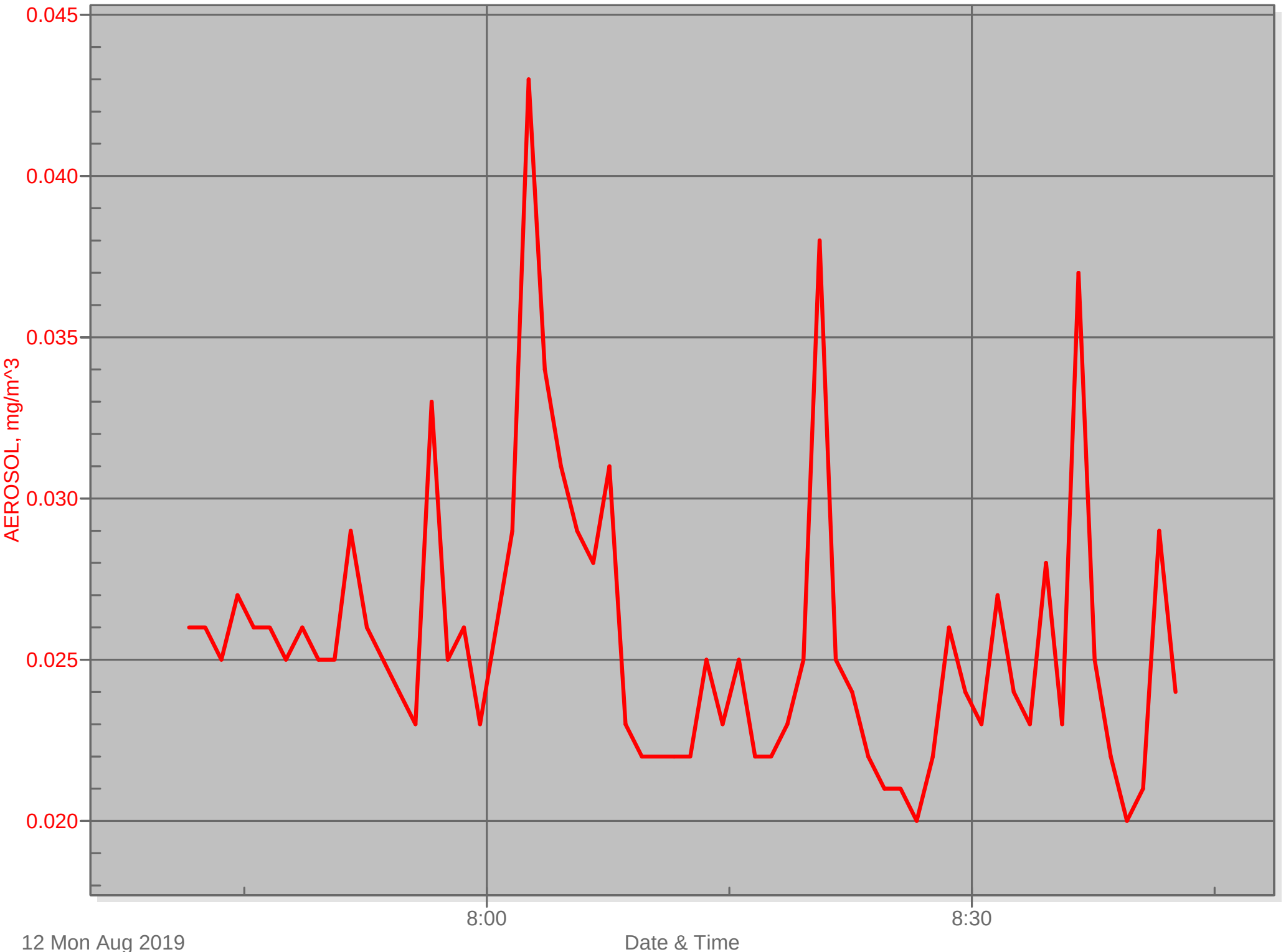
Test 007

Instrument		Data Properties	
Model	DustTrak II	Start Date	08/12/2019
Instrument S/N	8530143607	Start Time	07:40:35
		Stop Date	08/12/2019
		Stop Time	08:42:35
		Total Time	0:01:02:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.026 mg/m ³
Max	0.043 mg/m ³
Max Date	08/12/2019
Max Time	08:02:35
Min	0.020 mg/m ³
Min Date	08/12/2019
Min Time	08:26:35
TWA (8 hr)	0.003
TWA Start Date	08/12/2019
TWA Start Time	07:40:35
TWA End Time	08:42:35

Elim Town Homes

08-12-2019



DAILY FIELD SUMMARY FORM

DATE: 8/22/2019

FILE No. 21.0056884.00

REPORT No. 19-94

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: Cloudy

Temp Range: 70 to 75 °F

Wind Speed: 5 - 10 mph

Wind Direction: SW to NE

Time GZA Arrived on Site: 10:00

Site Conditions: Dry

Contractors on Site: Capital Fence (Digging Post Holes)

Various Building Contractors

- GZA Personnel On-Site: M. Kress
- GZA's Equipment On-Site: Mini-RAE 3000 PID . No CAMP Monitoring today.

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)

Capital Fence using small walk behind Augering Machine with 8" Auger to dig Fence post holes for future Dumpster area. Auger holes to ~4' bgs. Top ~1' is gray crushed stone. 11 holes dug. 3 of the 11 holes in clean backfill from water-line install. other 4 holes demark fabric noted in auger spoils. Brown silty sand beneath demark. No odors, staining, product or elevated PID readings. Location is between and North of Bldg A & B. No visible dust observed.

1360 Started at second dumpster area North West of Bldg C. 6 holes completed. difficult Augering soils similar to First area. No odors, staining, product or elevated PID readings.

Photos taken: Yes

Time GZA left Site: 1615

Prepared by: Mike Kress

Reviewed by: Jim Richard

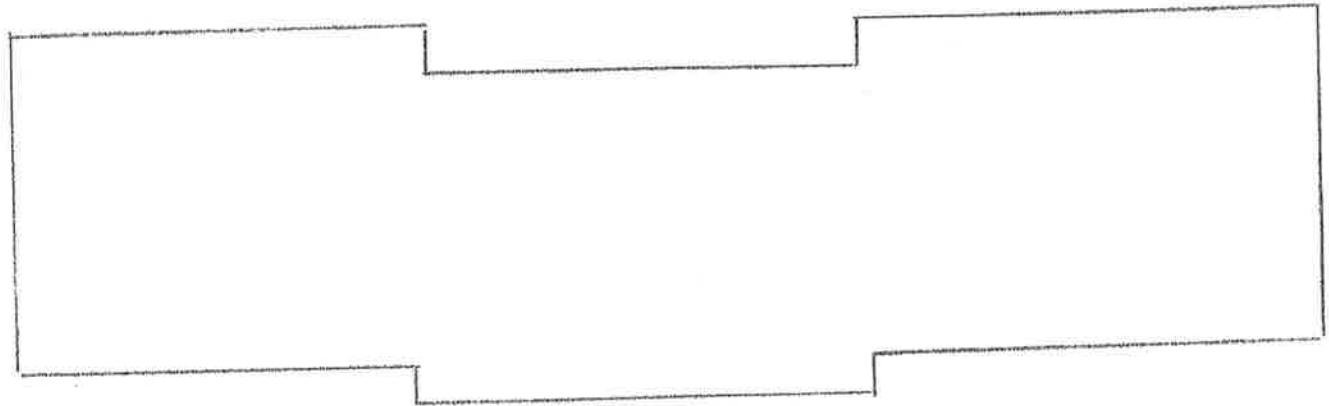
DAILY FIELD SUMMARY FORM

DATE: 8/22/2019

FILE No. 21.0056884.00

REPORT No. 19-94

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



Not to
Scale

Wind
Direction

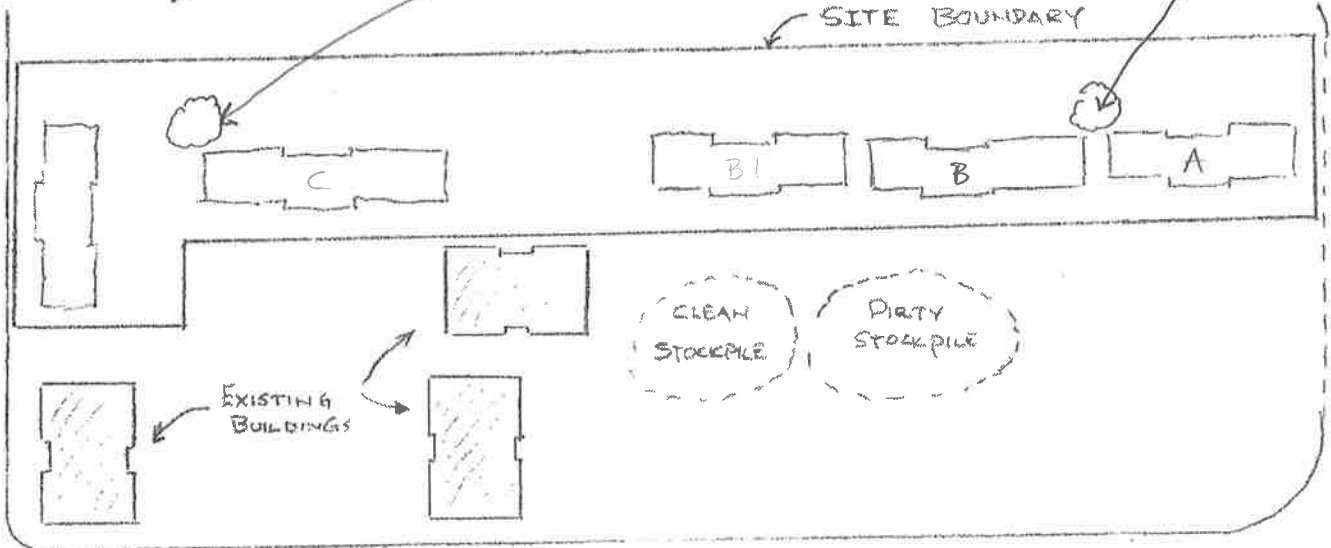
Approximate Area of Post hole
excavations

SITE BOUNDARY

N

Holden St.

Hill St.



CHALMERS AVE.

DAILY FIELD SUMMARY FORM

DATE: 8/23/2019

FILE No. 21.0056884.00

REPORT No. 19-95

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: Sunny

Temp Range: 65 to 75 °F

Wind Speed: 5-10 mph

Wind Direction: N to S

Time GZA Arrived on Site: 09:00

Site Conditions: Dry

Contractors on Site: Capital Fence (Digging Post Holes)
Various Building Contractors

- GZA Personnel On-Site: Mike Kress
- GZA's Equipment On-Site: 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)

Capital Fence set Timber posts in post holes dug yesterday.
Used walk behind Auger Machine to dig 5 additional post hole locations. Top ~1' gray crushed stone. Orange demarc fabric coming up in Auger spoils. Soil below demarc generally brown silty sand with gravel & cobbles. No odors, staining, product or elevated PID readings. No visible dust observed during work.
Last hole completed @ 11:00.

Photos taken: Yes

Time GZA left Site: 11:00

Prepared by: Mike Kress

Reviewed by: Jim Richert

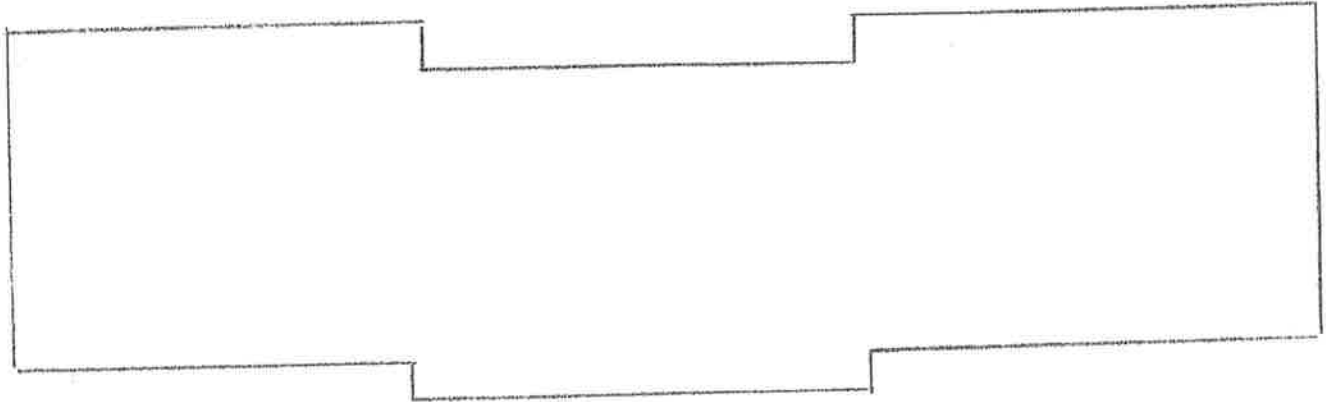
DAILY FIELD SUMMARY FORM

DATE: 8/23/2019

FILE No. 21.0056884.00

REPORT No. 19-95

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE

Approximate Area of
Post hole Excavation

Wind
Direction

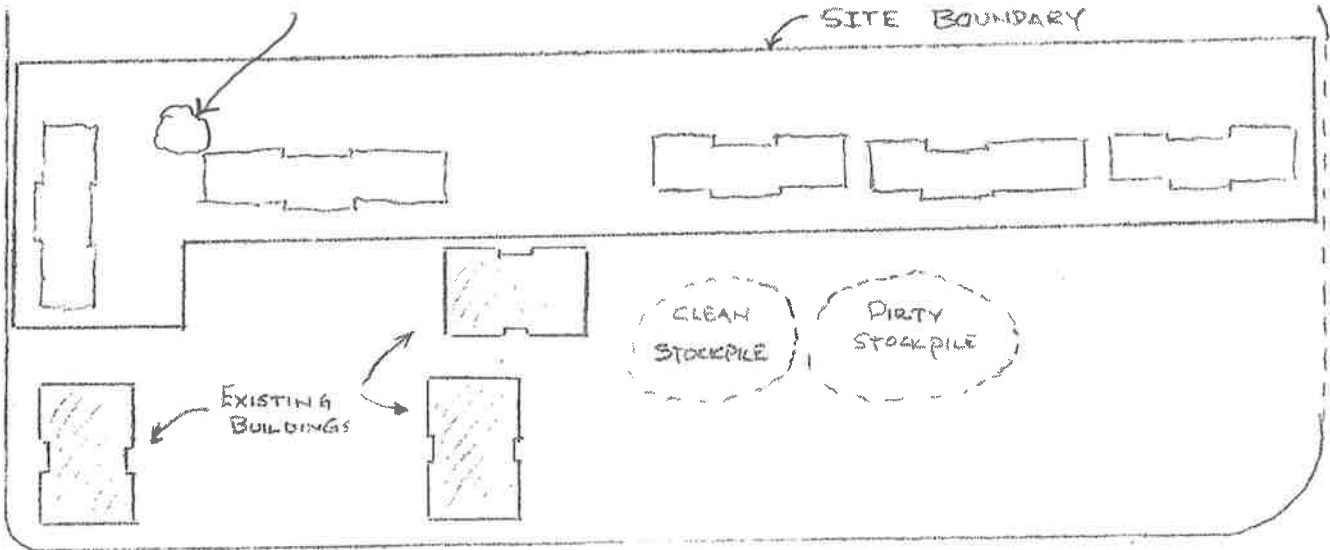
SITE BOUNDARY

N

Holden St.

Hill St.

Chalmers Ave.



DATE: 9/5/2019

DAILY FIELD SUMMARY FORM

FILE No. 21.0056884.00

REPORT No. 19-96

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: clear to Partly cloudy

Temp Range: 65 to 70 °F

Wind Speed: light mph

Wind Direction: NE to SW

Time GZA Arrived on Site: 0800

Site Conditions: DRY

Contractors on Site: Visone

- GZA Personnel On-Site: Jim Richert (Replaced by Mike Kress)
- GZA's Equipment On-Site: DUSTTRAK II
MINIRAE 3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

N/A

SUMMARY OF WORK OBSERVED: (See attached field sketch)

No Visible dust
observed during
Today's Activities.

Visone excavating and installing drain piping
for yards at rear (south) side of buildings
A, B, and H2.
Expect to be in clean cover soil the entire
length. Clean trench soils stockpiled along
trench. Piping installed, clean #1 stone backfilled
around pipe, clean trench spoils backfilled
over pipe/stone.
See sketch for locations

Photos taken: yes

Time GZA left Site: 15:40

Prepared by: J. Richert / M. Kress

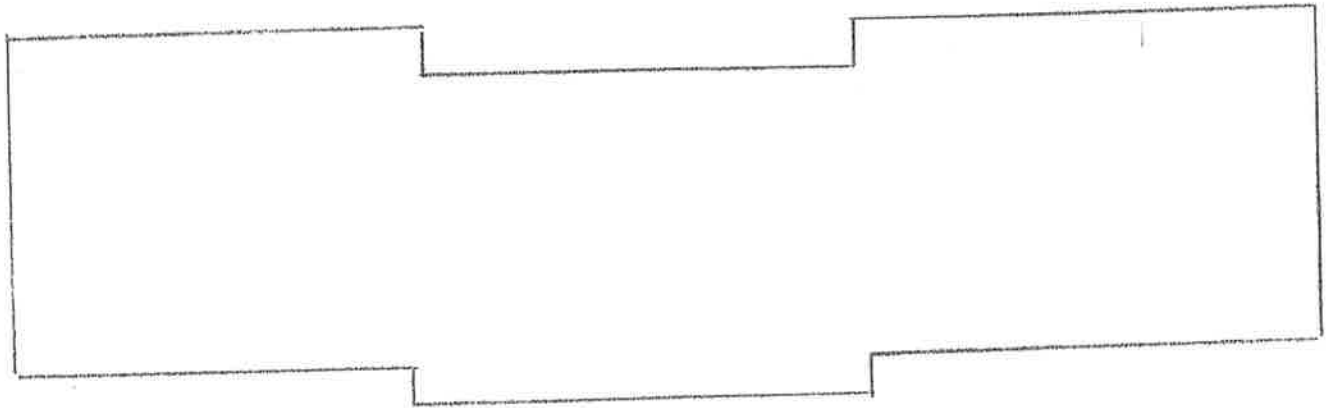
Reviewed by: Mike Kress / Jim Richert

DATE: 9/5 2019

DAILY FIELD SUMMARY FORM
FILE No. 21.0056884.00

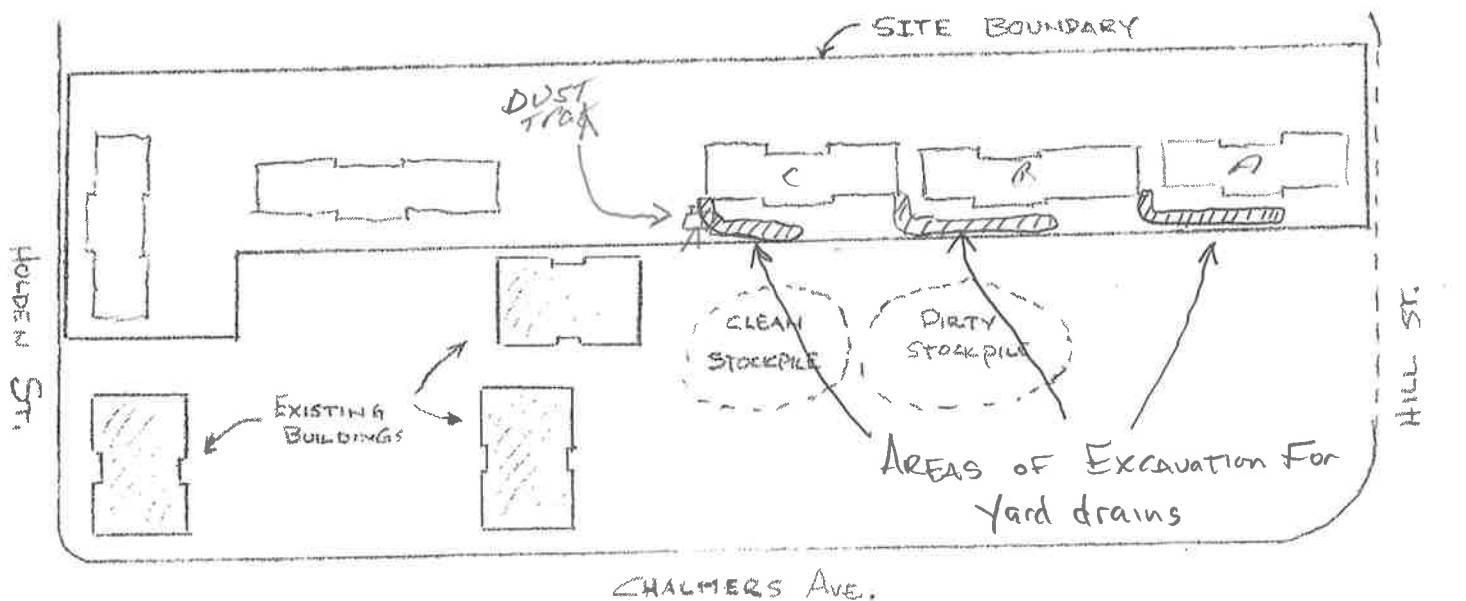
REPORT No. 19-96

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE

Wind
Direction



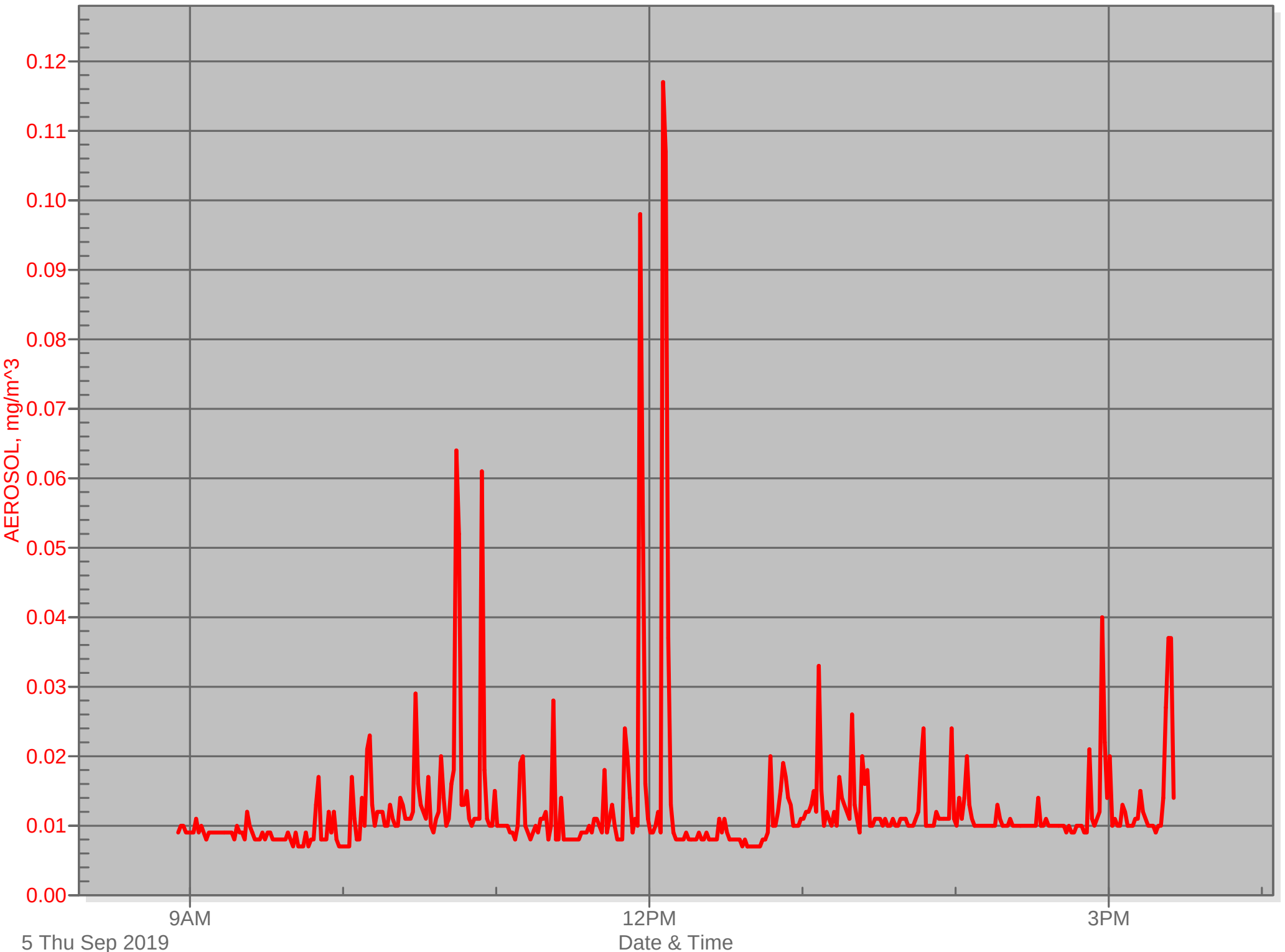
Test 001

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/05/2019
Instrument S/N	8530143607	Start Time	08:54:26
		Stop Date	09/05/2019
		Stop Time	15:25:26
		Total Time	0:06:31:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.012 mg/m ³
Max	0.117 mg/m ³
Max Date	09/05/2019
Max Time	12:05:26
Min	0.007 mg/m ³
Min Date	09/05/2019
Min Time	09:40:26
TWA (8 hr)	0.010
TWA Start Date	09/05/2019
TWA Start Time	08:54:26
TWA End Time	15:25:26

Elim Town Homes

09-06-2019



DATE: 9/12 2019

DAILY FIELD SUMMARY FORM

FILE No. 21.0056884.00

REPORT No. 19-97

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 60°F Rain

Temp Range: 60 to 65 °F

Time GZA Arrived on Site: 0800

Wind Speed: 10-15 mph

Wind Direction: EAST

Site Conditions: WET-muddy

Contractors on Site:

- National Fuel GAS (NFG)

• GZA Personnel On-Site: Jim Ricchetti

• GZA's Equipment On-Site: DUST TRAK
MINI RAE 3000 (PID)

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

N/A

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- NATIONAL FUEL GAS installing gas line by directional drill method. - Excavated to relief drainage pipes at two locations in clean cover soil + stone backfill @ both excavations.
- will push rods for gas pipe @ depth of 3.5'

Photos taken: yes

Time GZA left Site: 1000

Prepared by: Jim Ricchetti

Reviewed by: Pat E. Wolf

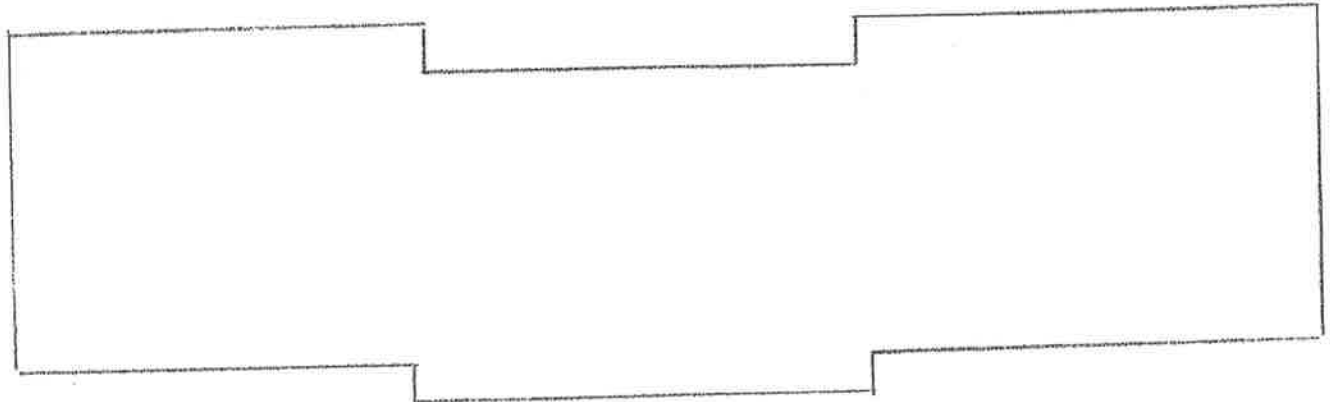
DATE: 9/12 2019

DAILY FIELD SUMMARY FORM

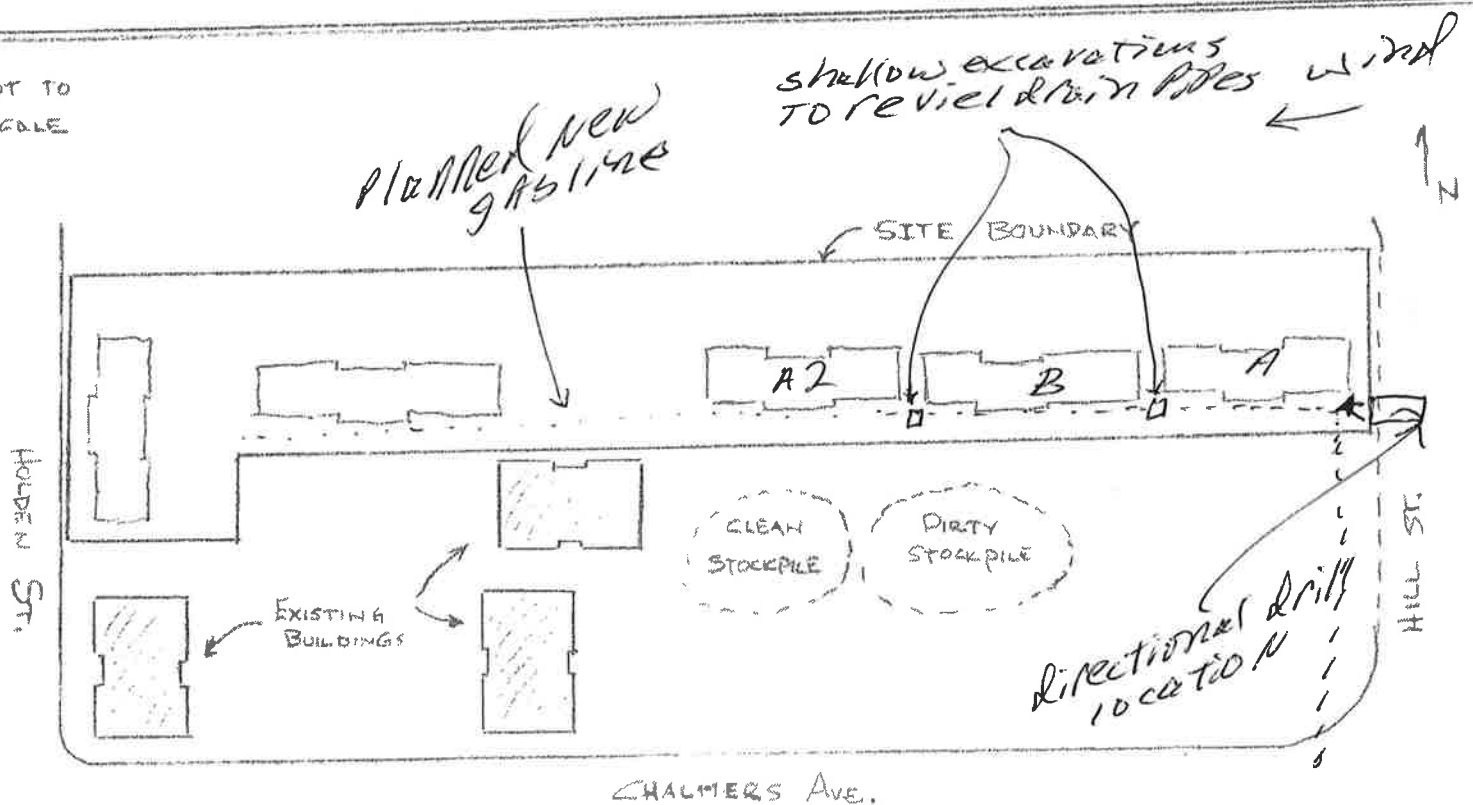
FILE No. 21.0056884.00

REPORT No. 19- 87

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



Not to
Scale



DAILY FIELD SUMMARY FORM

DATE: 9/17/2019

FILE No. 21.0056884.00

REPORT No. 19-18

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: SUNNY

Temp Range: 52 to 73 °F

Wind Speed: 5 mph

Wind Direction: SE

Time GZA Arrived on Site: 0745

Site Conditions: Damp

Contractors on Site: ERSC AND NATIONAL FUEL

- GZA Personnel On-Site:
- GZA's Equipment On-Site: DUST TRAK
MINI-RBE 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)

- ERSC/NATIONAL FUEL EXCAVATING TO INSTALL A GAS MAIN EXTENSION FOR SUPPLY BUILDINGS "A", "B", "AZ", "C", & "D".
- CLEAN SOILS EXCAVATED WERE CAST TO THE SIDE OF THE EXCAVATION TO BE USED AS BACKFILL.
- IMPACTED SOILS EXCAVATED WERE LOADED INTO A DUMP TRUCK AND PLACED ON THE ON-SITE IMPACTED SOIL PILE.
- NO FUGITIVE DUST WAS OBSERVED LEAVING THE SITE, AND NO FUGITIVE PID READINGS WERE OBSERVED.
- DEMARK FABRIC WAS PLACED INTO THE BOTTOM AND SIDEWALLS OF THE EXCAVATION PRIOR TO INSTALLING THE GAS MAIN.

Photos taken: YES

Time GZA left Site: 14:20

Prepared by: D. WULF

Reviewed by: Jim Rickett

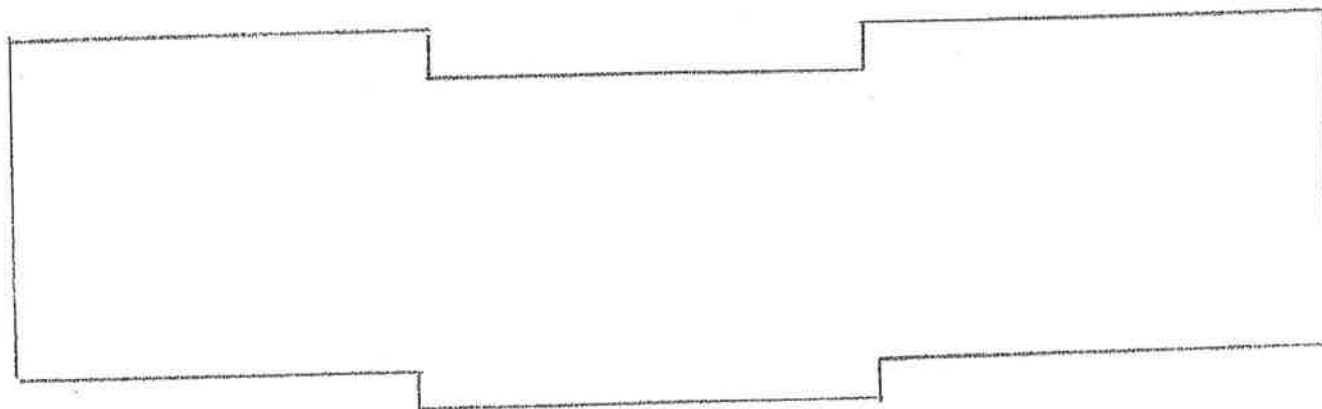
DAILY FIELD SUMMARY FORM

DATE: 9/17/2019

FILE No. 21.0056884.00

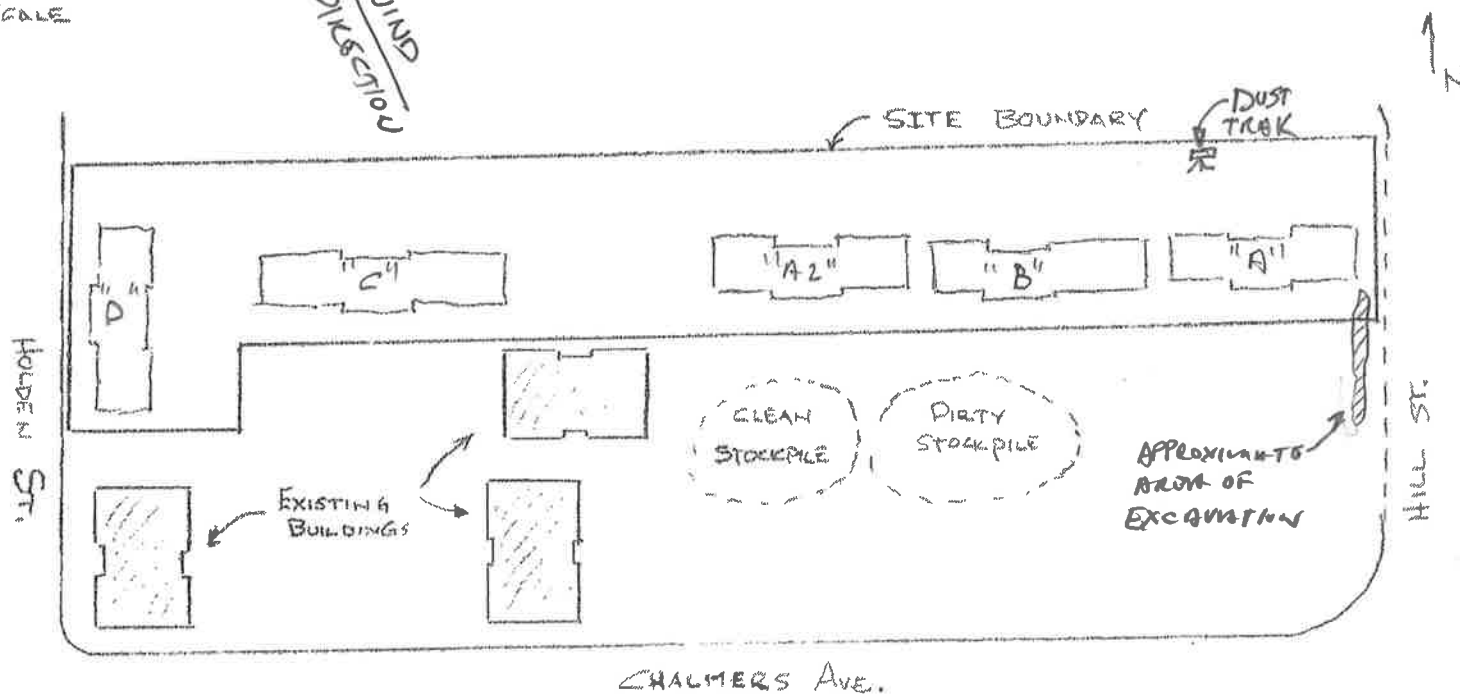
REPORT No. 19-98

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



Not to
Scale

WIND
DIRECTION



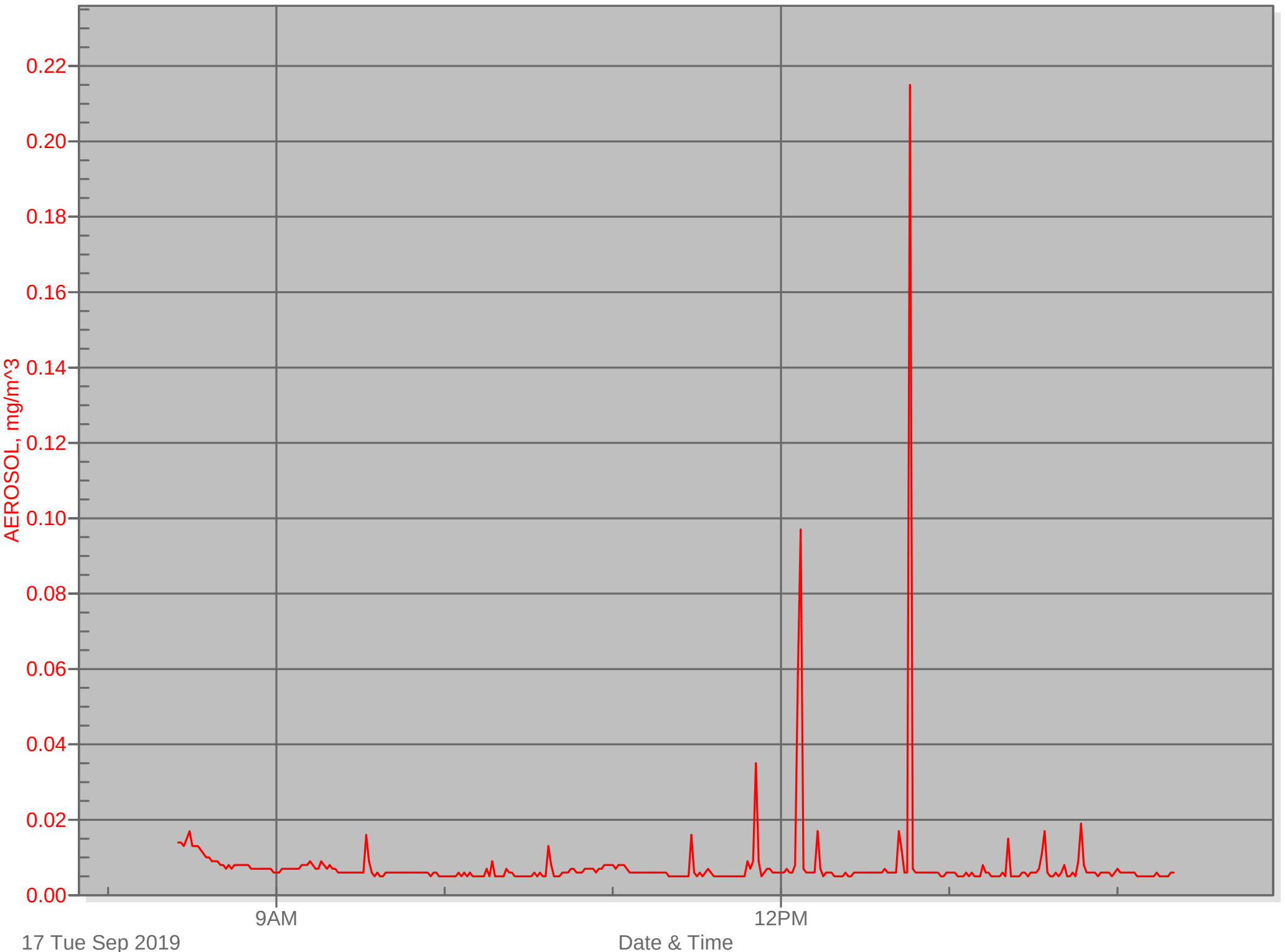
Test 002

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/17/2019
Instrument S/N	8530143607	Start Time	12:45:22
		Stop Date	09/17/2019
		Stop Time	13:00:22
		Total Time	0:00:15:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.020 mg/m ³
Max	0.216 mg/m ³
Max Date	09/17/2019
Max Time	12:46:22
Min	0.005 mg/m ³
Min Date	09/17/2019
Min Time	12:48:22
TWA (8 hr)	
TWA Start Date	
TWA Start Time	
TWA End Time	

Main Title

Sub Title



DAILY FIELD SUMMARY FORM

DATE: 9/18/2019

FILE No. 21.0056884.00

REPORT No. 19-99

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: Sunny

Temp Range: 60 to 75 °F

Time GZA Arrived on Site: 0730

Wind Speed: 3 mph

Wind Direction: ESE

Site Conditions: Dry

Contractors on Site: GRSC & Natural Fuel

- GZA Personnel On-Site: E. Thalhamer
- GZA's Equipment On-Site: Dust Trak
Mini Rce 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)

- ERSC/Natural Fuel excavating trench to install gas main extension to supply buildings.
- Clean soil above derrick staged to side of excavation for future backfill use.
- impacted soil moved to on site impacted soil pile
- No visible dust observed leaving site, no elevated PID readings observed
- No backfilling took place today

Photos taken: Yes

Time GZA left Site: 1415

Prepared by: E. Thalhamer

Reviewed by: Jim Richey

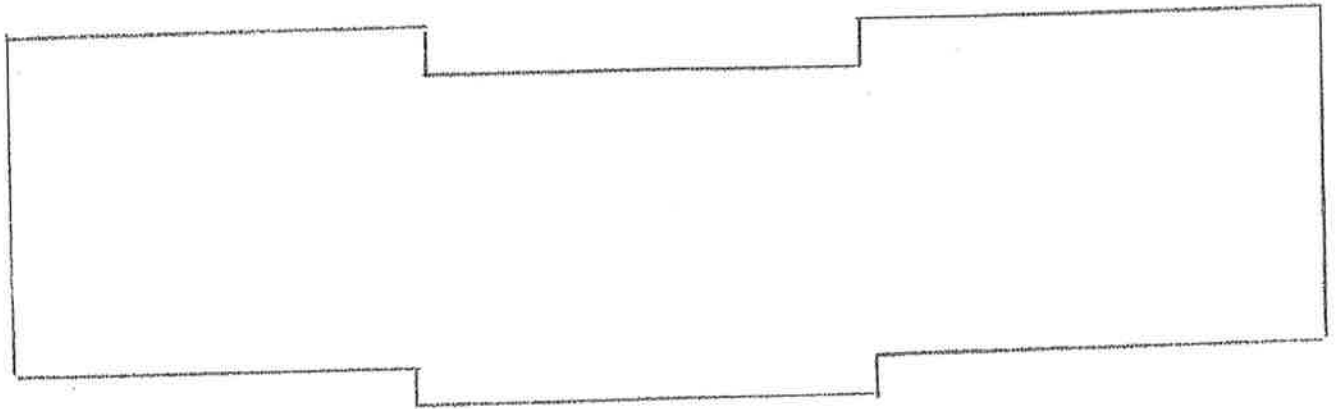
DAILY FIELD SUMMARY FORM

DATE: 9/18 2019

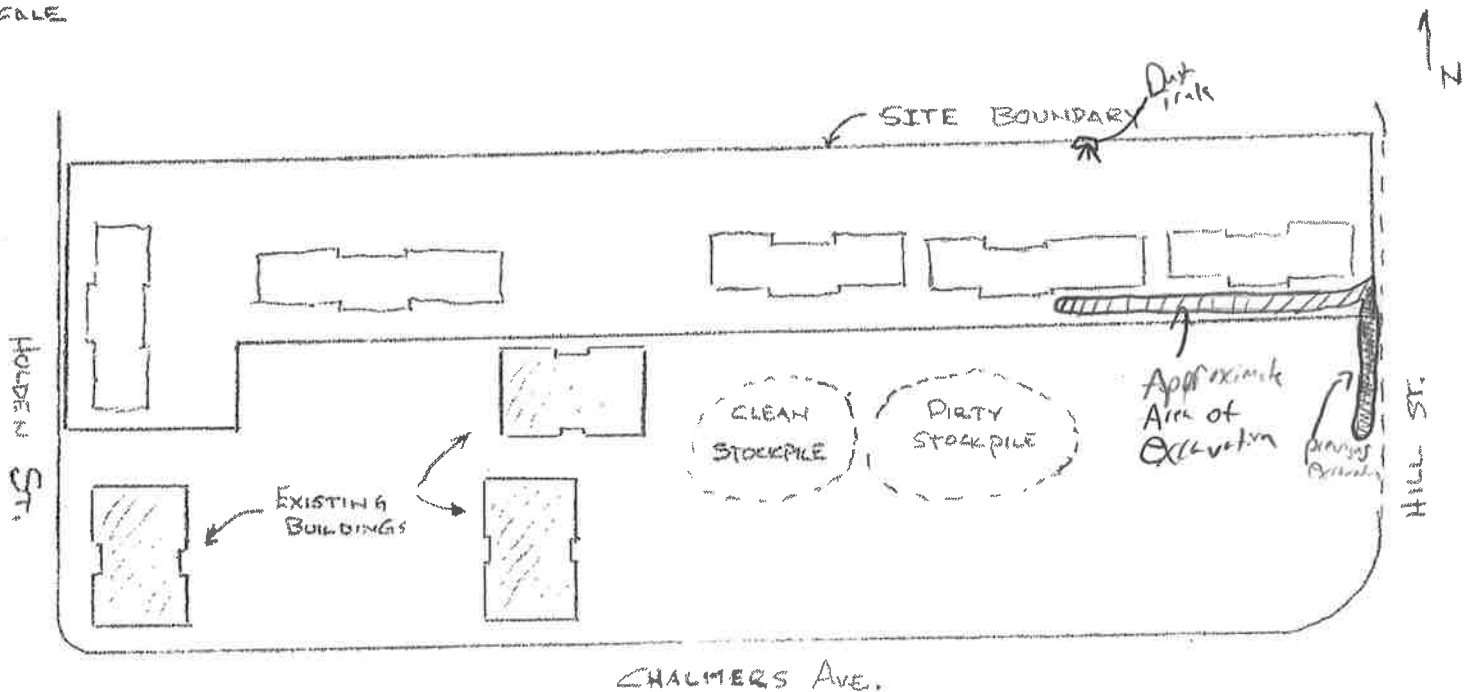
FILE No. 21.0056884.00

REPORT No. 19-29

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



Not to
Scale



Test 003

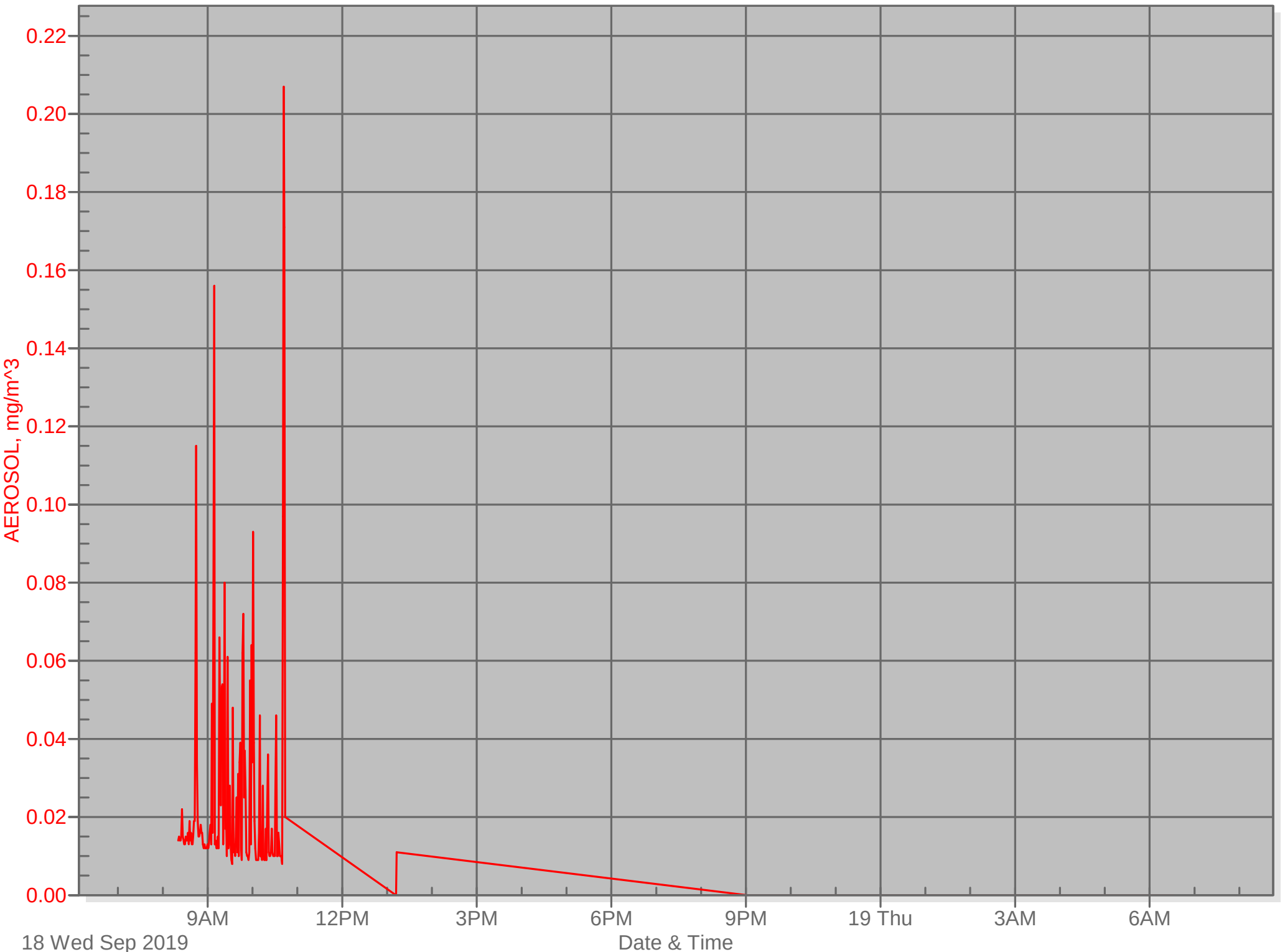
ERROR: MAX PM1,

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/18/2019
Instrument S/N	8530143607	Start Time	08:19:42
		Stop Date	09/19/2019
		Stop Time	06:31:42
		Total Time	0:22:12:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.025 mg/m ³
Max	0.207 mg/m ³
Max Date	09/18/2019
Max Time	10:41:42
Min	0.000 mg/m ³
Min Date	09/18/2019
Min Time	13:11:54
TWA (8 hr)	0.000
TWA Start Date	09/18/2019
TWA Start Time	08:19:42
TWA End Time	06:31:42

Elim Town Homes

9-18-19



DAILY FIELD SUMMARY FORM

DATE: 9/19/2019

FILE No. 21.0056884.00

REPORT No. 19100

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: Sunny

Temp Range: 55 to 65 °F

Wind Speed: 5 mph

Wind Direction: SSW

Time GZA Arrived on Site: 07²⁰

Site Conditions: Dry

Contractors on Site: ERSC + Natural Fuel

- GZA Personnel On-Site: E. Thalhmer
- GZA's Equipment On-Site: 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)

- ERSC continued excavation for gas main extension
- Excavated Westward, behind buildings, to the cut through between "B" and "A2"
- Laid Demtek fabric in excavation
- Laid pipe + steel line over fabric
- Set pipe in crusher sand from quarry
- No hot observed during site
- No elevated PID readings

Photos taken: Yes

Time GZA left Site: 14¹⁵

Prepared by: Ernie Thalhmer

Reviewed by: Jim Richert

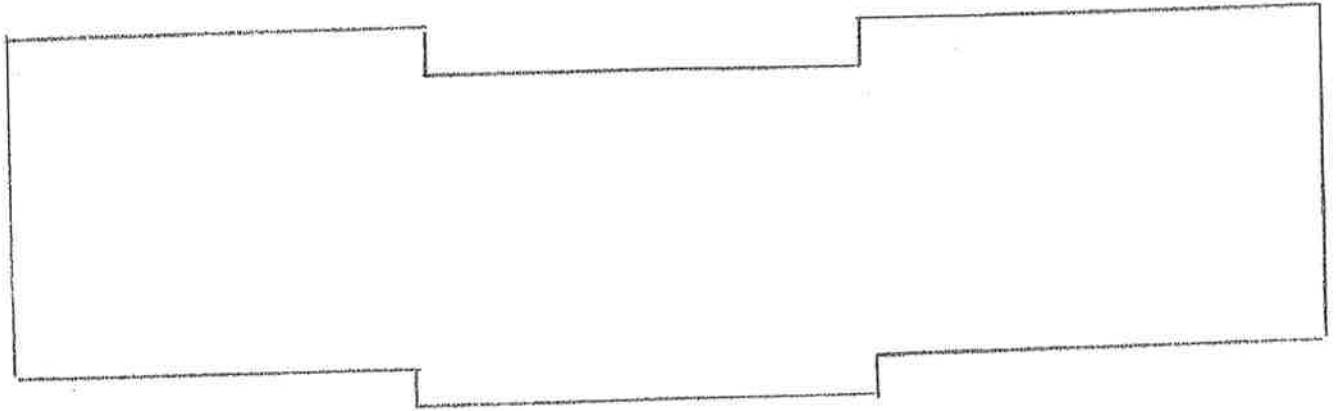
DAILY FIELD SUMMARY FORM

DATE: 9/19 2019

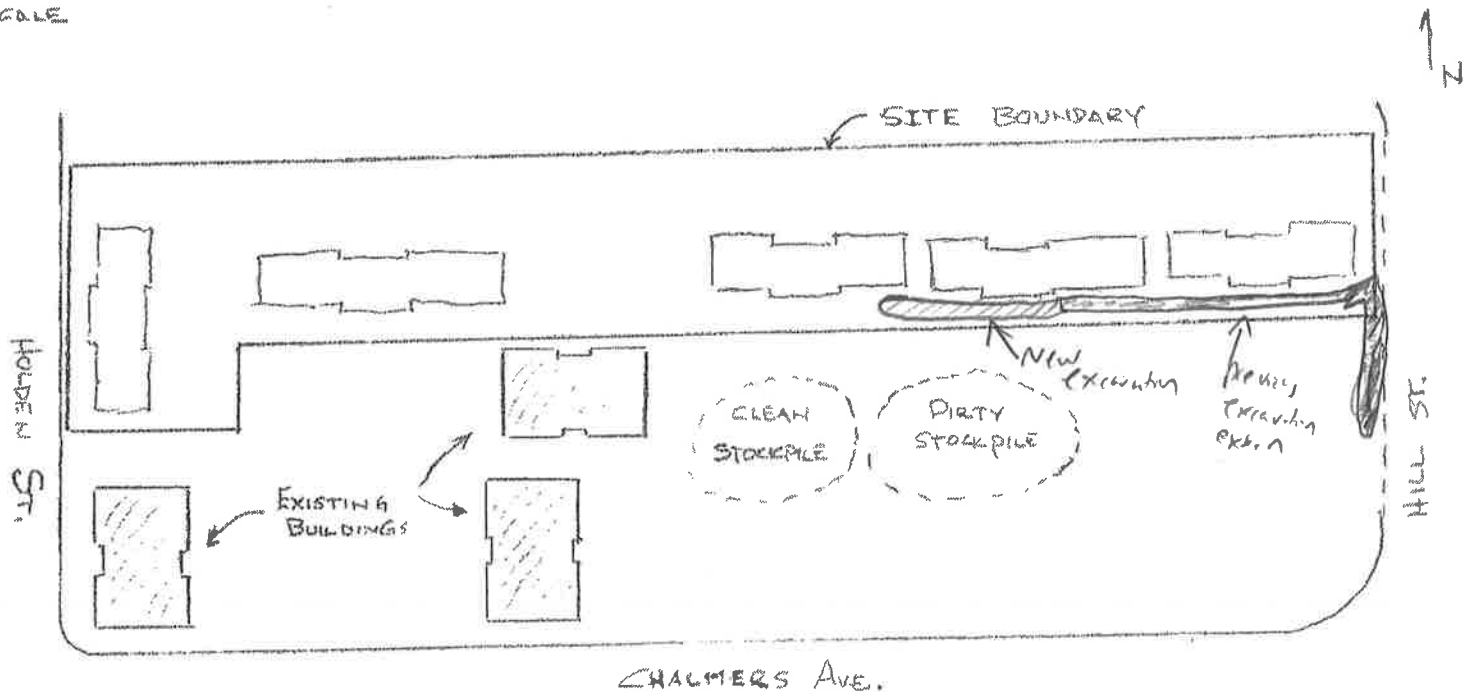
FILE No. 21.0056884.00

REPORT No. 19-100

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



Not to
Scale



DAILY FIELD SUMMARY FORM

DATE: 9-20 2019

FILE No. 21.0056884.00

REPORT No. 19-101

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: Dry

Temp Range: 65 to 80 °F

Wind Speed: 4 mph

Wind Direction: WSW

Time GZA Arrived on Site: 7:10

Site Conditions: Dry

Contractors on Site: EPSC
GZA

- GZA Personnel On-Site: E. Thilman
- GZA's Equipment On-Site: Dust Trak
Mini Pac 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)

- EPSC excavated gas main extension trench
- EPSC backfilled to grade in rear of Building A + B
- No dust observed during site, no elevated PID readings observed

Photos taken: Yes

Time GZA left Site: 1:50

Prepared by: E. Thilman

Reviewed by: Jim Richest

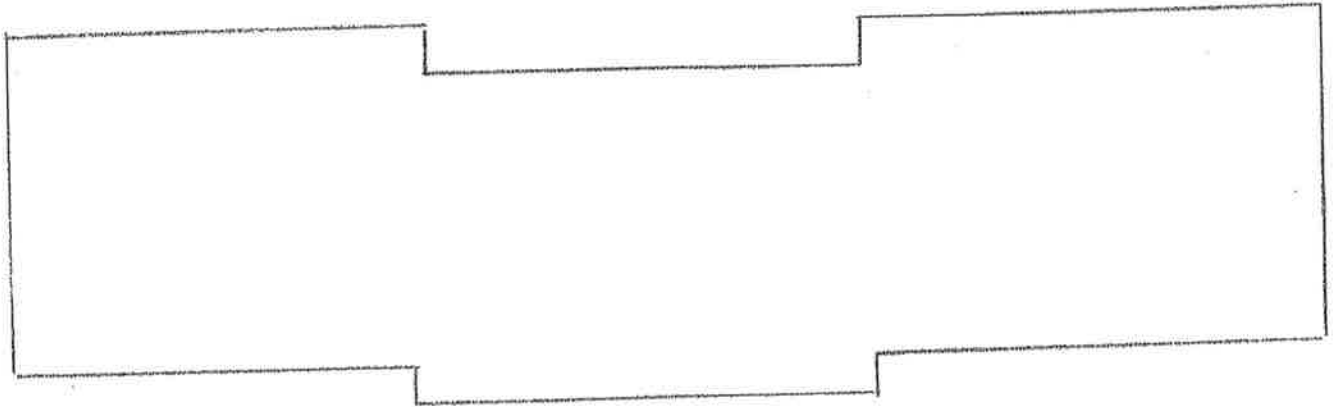
DAILY FIELD SUMMARY FORM

DATE: 9/20/ 2019

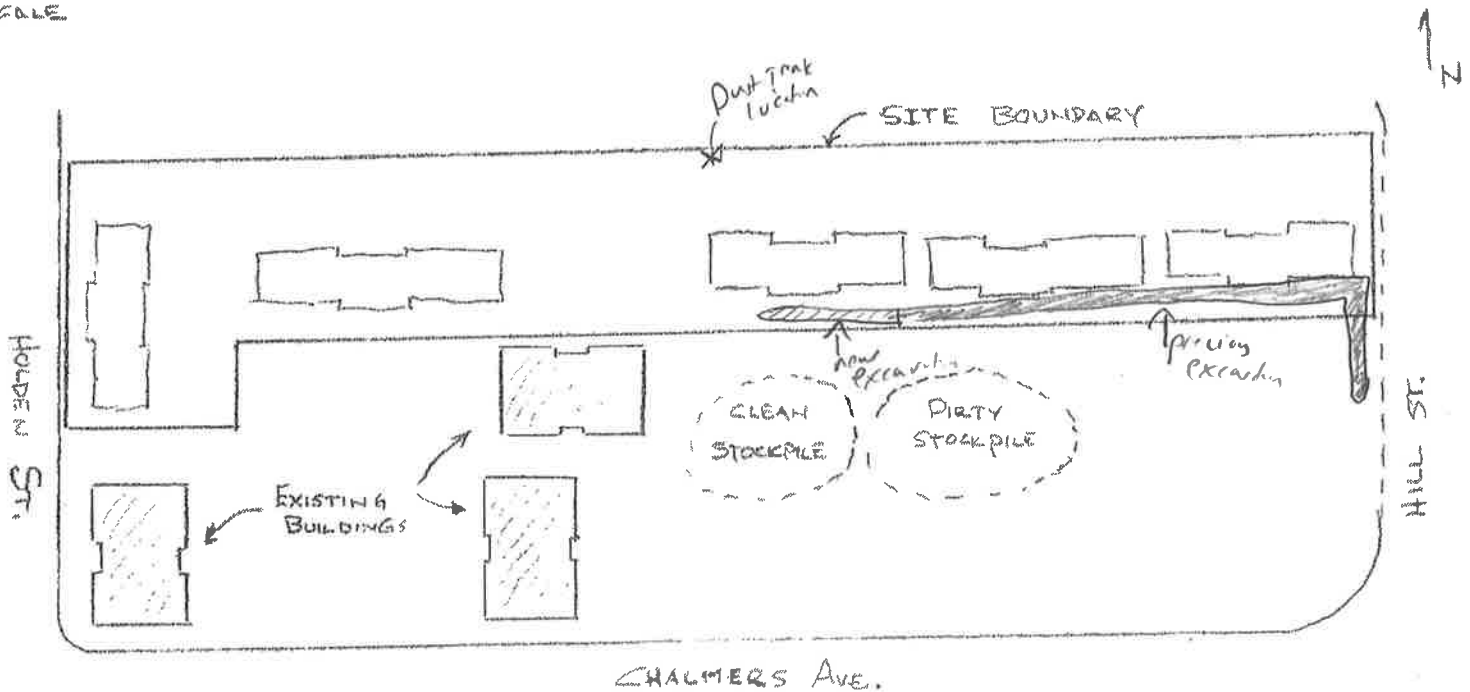
FILE No. 21.0056884.00

REPORT No. 19-101

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



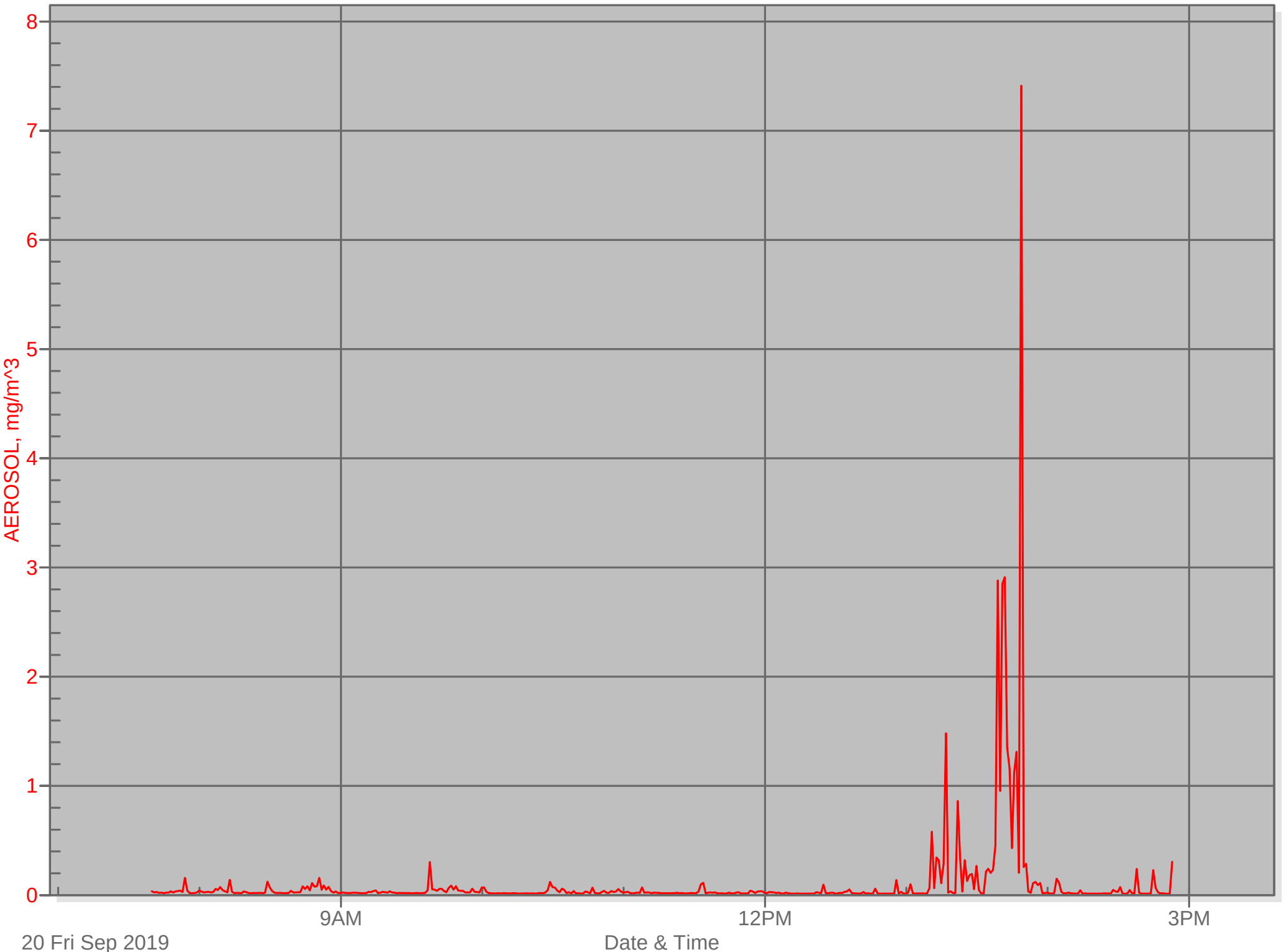
Test 004

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/20/2019
Instrument S/N	8530143607	Start Time	07:38:48
		Stop Date	09/20/2019
		Stop Time	14:52:48
		Total Time	0:07:14:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.099 mg/m ³
Max	7.410 mg/m ³
Max Date	09/20/2019
Max Time	13:48:48
Min	0.012 mg/m ³
Min Date	09/20/2019
Min Time	14:32:48
TWA (8 hr)	0.090
TWA Start Date	09/20/2019
TWA Start Time	07:38:48
TWA End Time	14:52:48

Elim Town Homes

9-20-19



DAILY FIELD SUMMARY FORM

DATE: 9/23/ 2019

FILE No. 21.0056884.00

REPORT No. 19- 102

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: P. SUNNY
PATCHY RAIN

Temp Range: 55 to 73 °F
Wind Speed: 20 mph
Wind Direction: SW

Time GZA Arrived on Site: 0730

Site Conditions: DRY

Contractors on Site: ERSC/NATIONAL FUEL

- GZA Personnel On-Site: D. WOLF
- GZA's Equipment On-Site: DUST TRAK
MINI-RAE 3000

Name of NYSDEC Representative(s) on Site: NONE

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- ERSC/NATIONAL FUEL ON SITE EXCAVATING FOR THE INSTALLATION OF A 2" GAS MAIN ALONG THE SOUTHWEST SIDE OF BUILDINGS "A2" AND "C". DOWMARK WAS PLACED IN THE BOTTOM OF THE EXCAVATION, THEN BODDING PIPE, THEN CLEAN BACKFILL
- CLEAN SOILS EXCAVATED FROM ABOVE THE DOWMARK WERE RUDDISH BROWN F-C SAND, AND WERE CAST TO THE SIDE FOR USE AS CLEAN BACKFILL. SOILS EXCAVATED FROM BELOW THE DOWMARK WERE RUDDISH BROWN B-C SILTY SAND WITH GRAVEL/COBBLES, AND HAULED TO THE ON-SITE IMPACTED SOIL PILE.
- NO FUGITIVE DUST LEAVING THE SITE, OR ELEVATED PID READINGS WERE OBSERVED.

Photos taken: NO

Time GZA left Site: 1430

Prepared by: D. WOLF

Reviewed by: Jim Richest

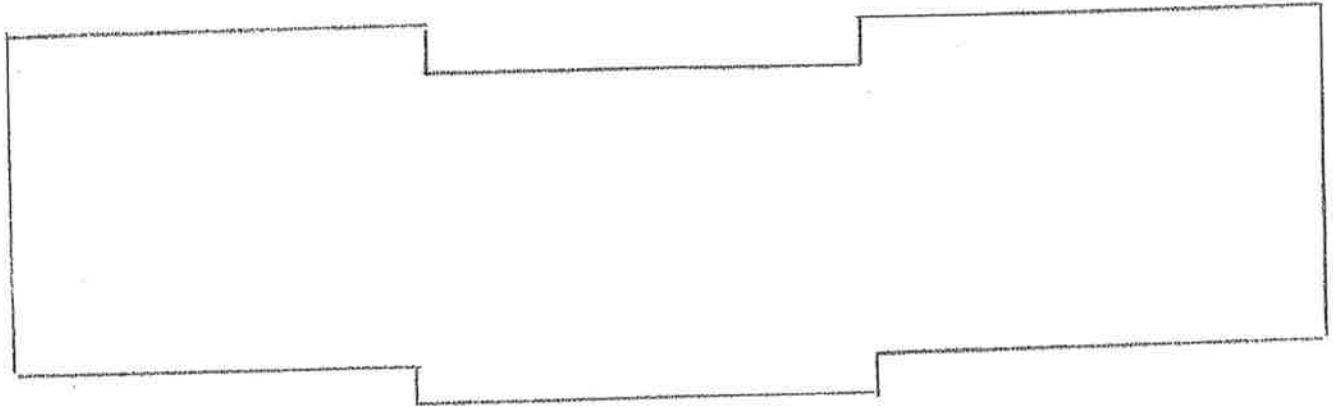
DAILY FIELD SUMMARY FORM

DATE: 9/23/2019

FILE No. 21.0056884.00

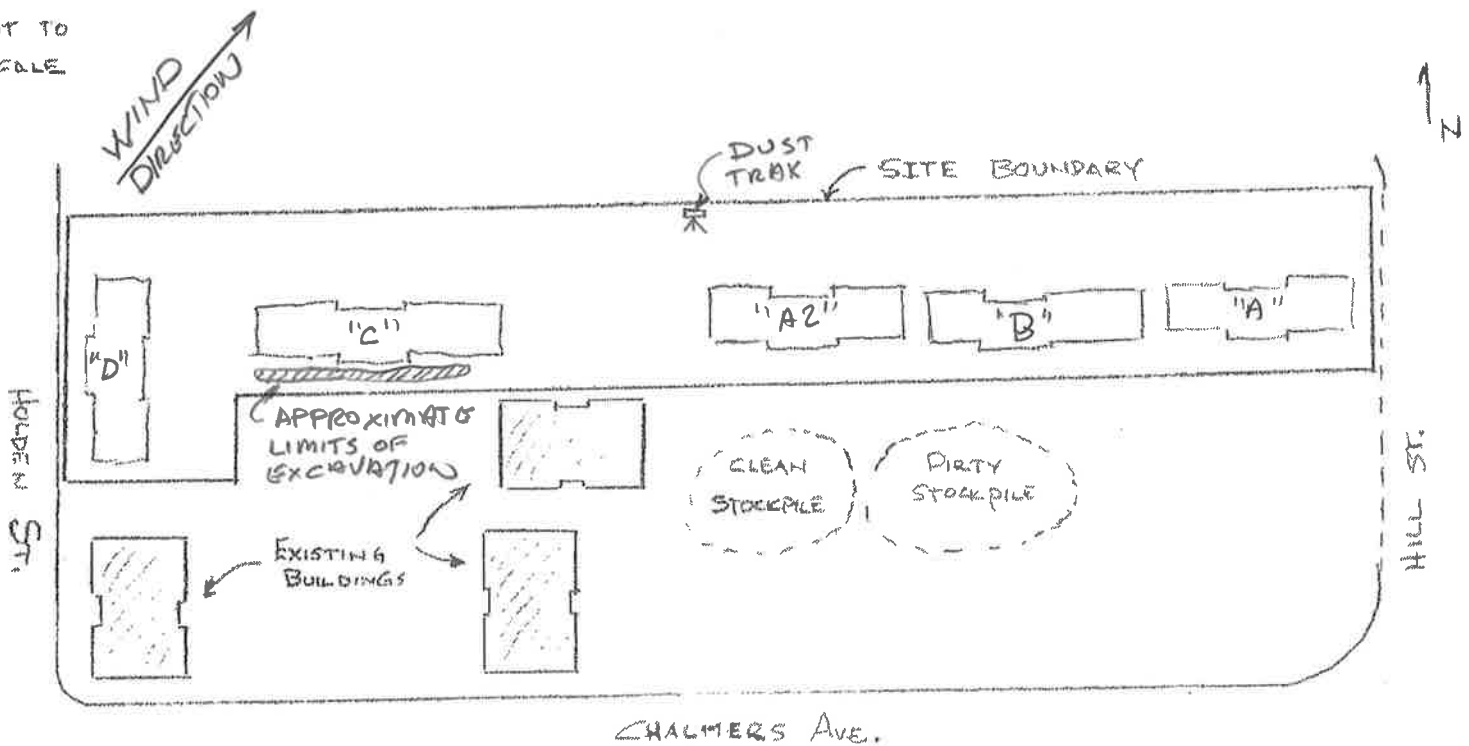
REPORT No. 19-102

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE

WIND
DIRECTION



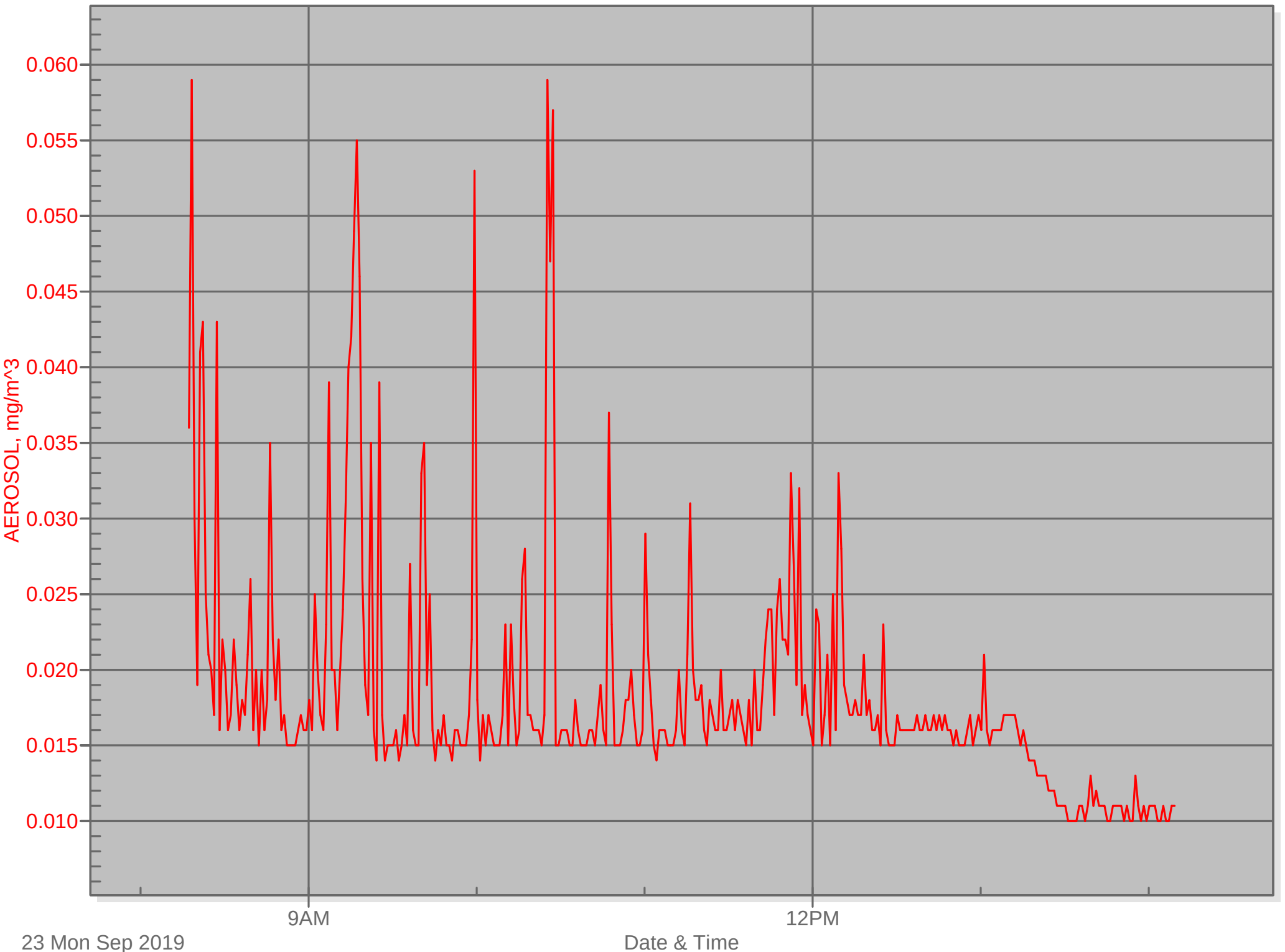
Test 005

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/23/2019
Instrument S/N	8530143607	Start Time	08:16:14
		Stop Date	09/23/2019
		Stop Time	14:09:14
		Total Time	0:05:53:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.018 mg/m ³
Max	0.059 mg/m ³
Max Date	09/23/2019
Max Time	08:18:14
Min	0.010 mg/m ³
Min Date	09/23/2019
Min Time	13:31:14
TWA (8 hr)	0.013
TWA Start Date	09/23/2019
TWA Start Time	08:16:14
TWA End Time	14:09:14

Elim Town Homes

9-23-19



DAILY FIELD SUMMARY FORM

DATE: 9/24/2019

FILE No. 21.0056884.00

REPORT No. 19-103

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: SUNNY

Temp Range: 54 to 67 °F

Wind Speed: 5-10 mph

Time GZA Arrived on Site: 0730

Wind Direction: W-SW

Site Conditions: WET

Contractors on Site: ERSC/NATIONAL FUEL

- GZA Personnel On-Site: D. WOLF
- GZA's Equipment On-Site: DUST TRUCK
MINI-RALF 3000

Name of NYSDEC Representative(s) on Site: NONE

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- ERSC/NATIONAL FUEL ON SITE EXCAVATING FOR THE INSTALLATION OF A 2" GAS MAIN ALONG THE SOUTHERN SIDE OF BUILDINGS "A2" AND "C" DUMPKER WAS PLACED IN THE BOTTOM OF THE EXCAVATION, THEN BURIED/PIPED, THEN CLEAN BACKFILL.
- CLEAN SOILS EXCAVATED FROM ABOVE THE DUMPKER WERE REDDISH BROWN F.C. SILTY SAND, AND WERE CAST TO THE SIDE OF EXCAVATION FOR USE AS CLEAN BACK FILL. SOILS EXCAVATED FROM BELOW THE DUMPKER WERE REDDISH BROWN F.C. SILTY SAND WITH GRAVEL/COBBLES, AND WERE HAULED TO THE ON SITE IMPACTED SOIL PILES.
- NO FUGITIVE DUST WAS OBSERVED LEAVING THE SITE, NOR ANY ELEVATED PID READINGS WERE OBSERVED.

Photos taken:

Time GZA left Site: 14:30

Prepared by: D. WOLF

Reviewed by: Jim McKel

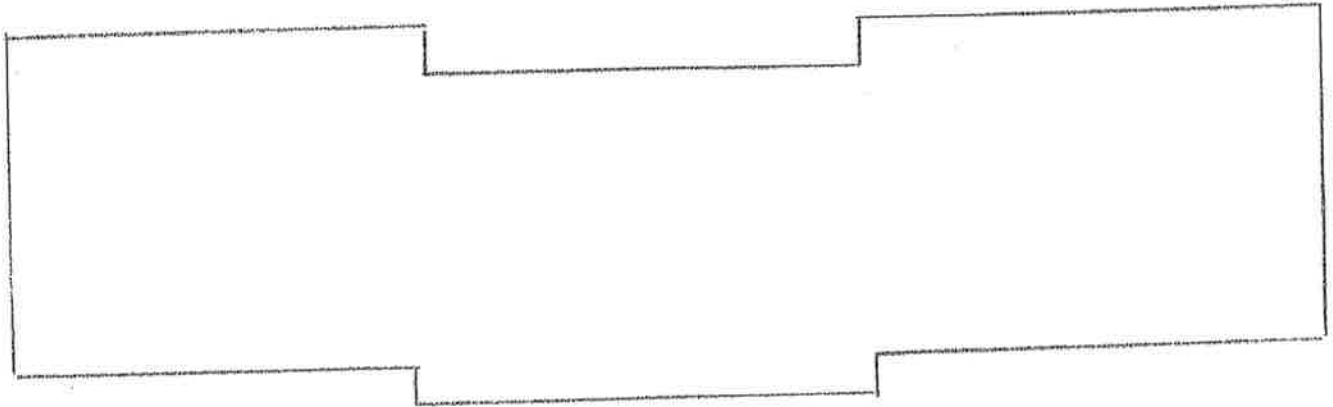
DAILY FIELD SUMMARY FORM

DATE: 9/24/2019

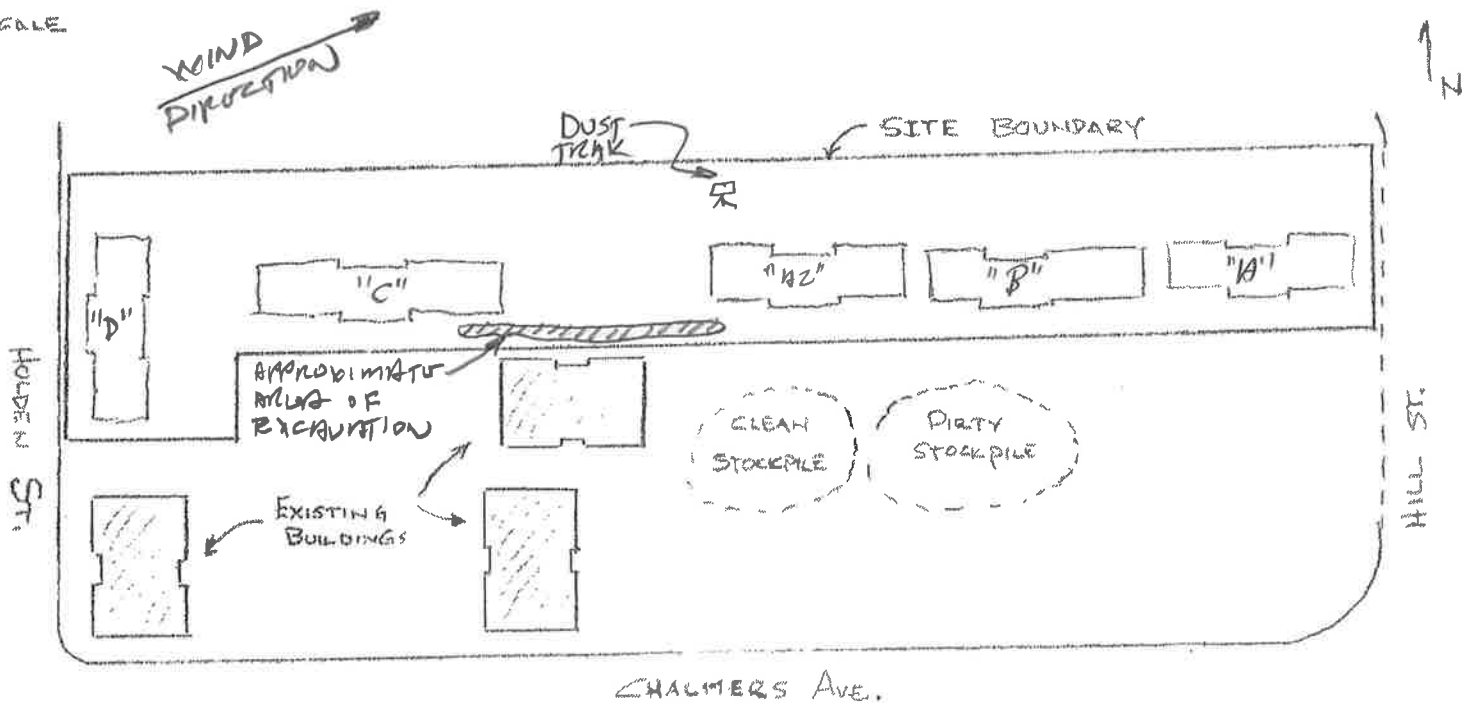
FILE No. 21.0056884.00

REPORT No. 19-103

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



Not to
Scale



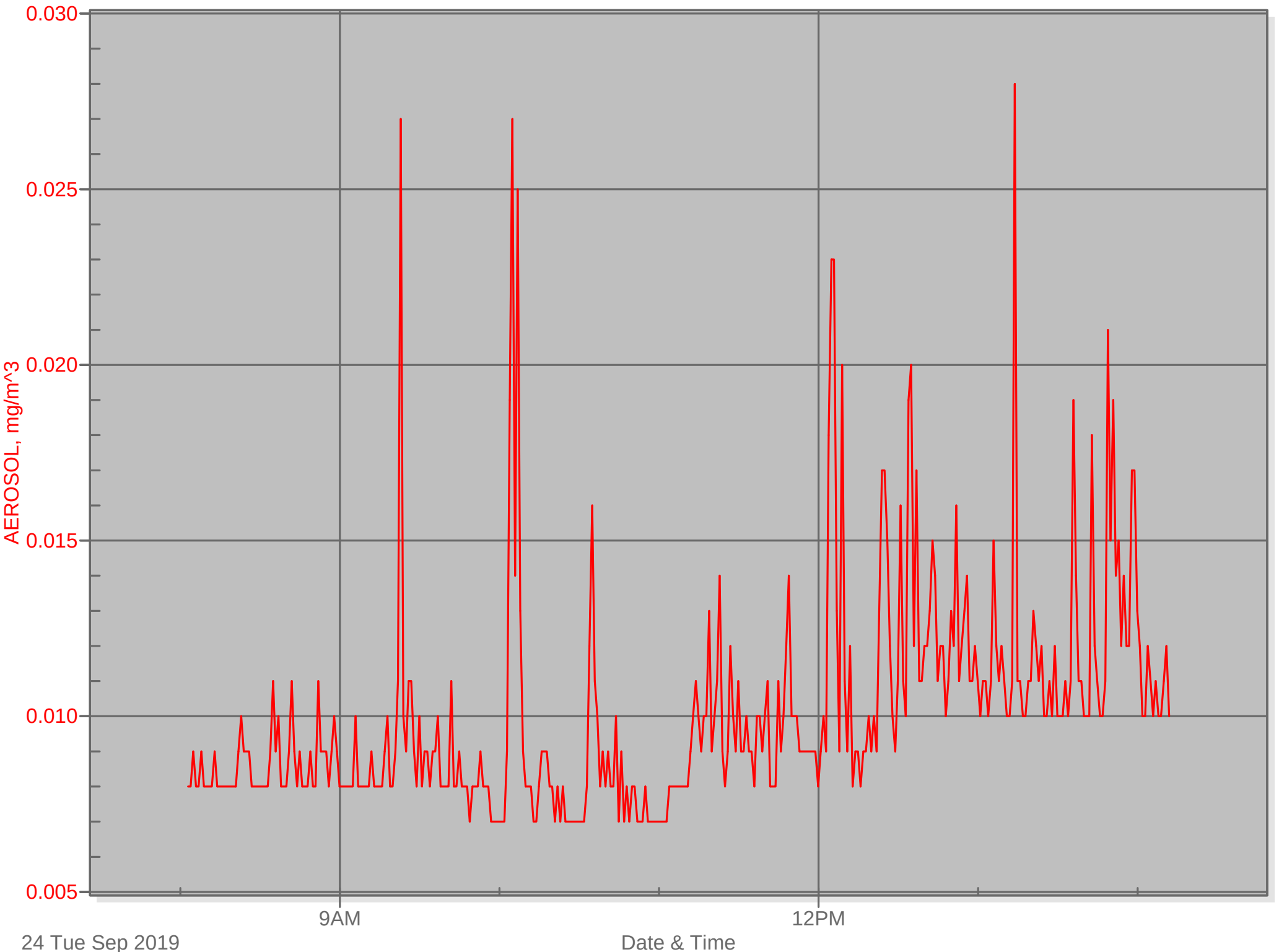
Test 006

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/24/2019
Instrument S/N	8530143607	Start Time	08:01:51
		Stop Date	09/24/2019
		Stop Time	14:11:51
		Total Time	0:06:10:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.010 mg/m ³
Max	0.028 mg/m ³
Max Date	09/24/2019
Max Time	13:13:51
Min	0.007 mg/m ³
Min Date	09/24/2019
Min Time	09:48:51
TWA (8 hr)	0.008
TWA Start Date	09/24/2019
TWA Start Time	08:01:51
TWA End Time	14:11:51

Elim Town Homes

9-24-19



DATE: 9/25/2019

DAILY FIELD SUMMARY FORM

FILE No. 21.0056884.00

REPORT No. 19- 104

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: SUNNY - clear

Temp Range: 58 to 75 °F
Wind Speed: 10-15 mph
Wind Direction: SW

Time GZA Arrived on Site: 7:20

Site Conditions: mostly dry

Contractors on Site: Capital Fence

- GZA Personnel On-Site: Jim Richert
- GZA's Equipment On-Site: - DUST TRAK
- MINI-RAC - 3000

Name of NYSDEC Representative(s) on Site:

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

N/A

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- CAPITAL FENCE installing 6' high white vinyl fence along north site boundary. - see site sketch
- NO visible dust observed
- NO elevated PID readings today

Photos taken: yes

Time GZA left Site: 1:53

Prepared by:

Reviewed by:

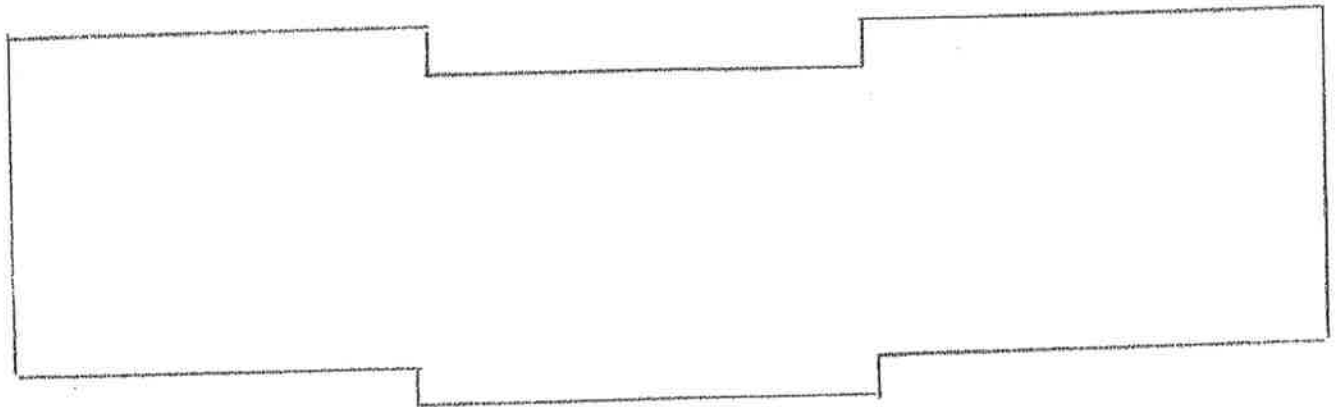
DATE: 9/25 2019

DAILY FIELD SUMMARY FORM

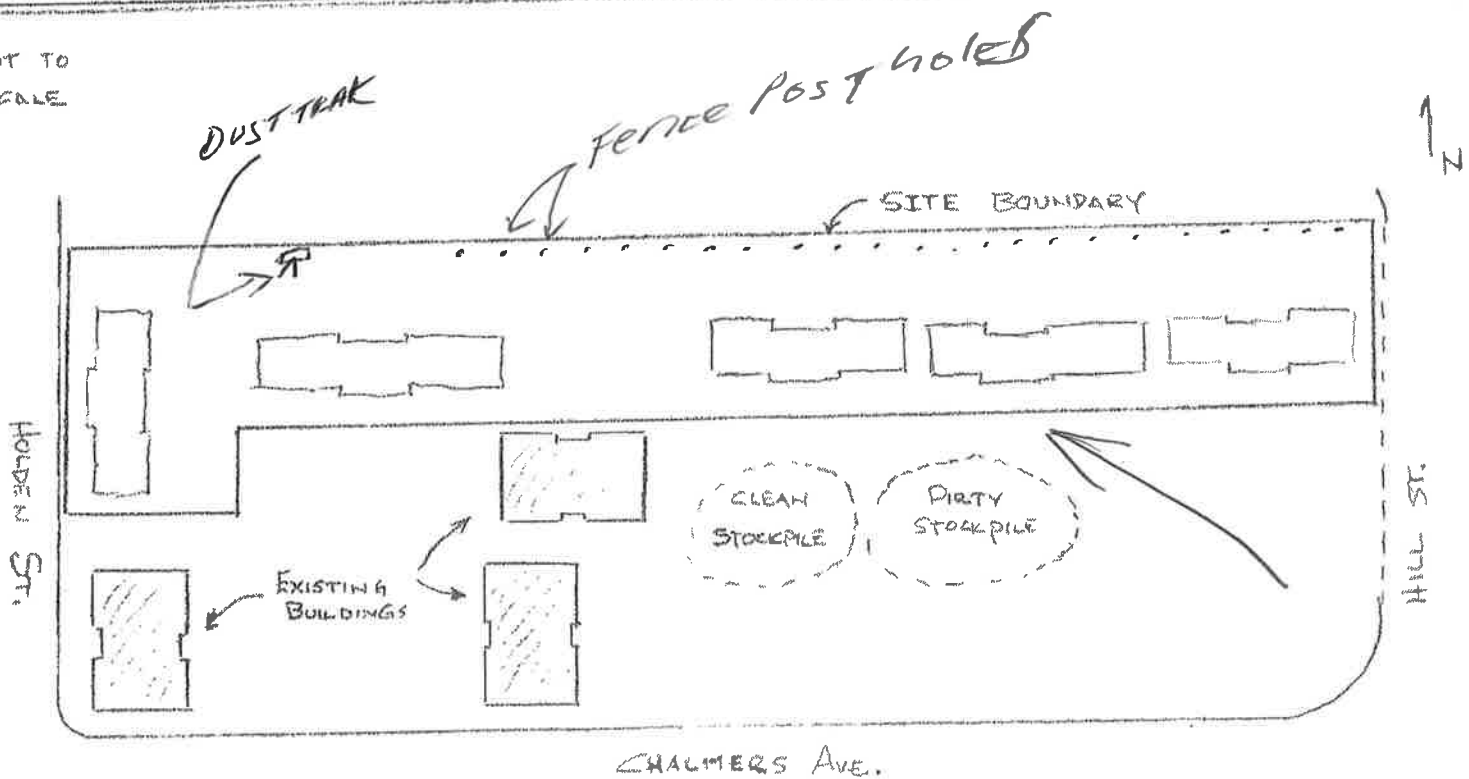
FILE No. 21.0056884.00

REPORT No. 19/104

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



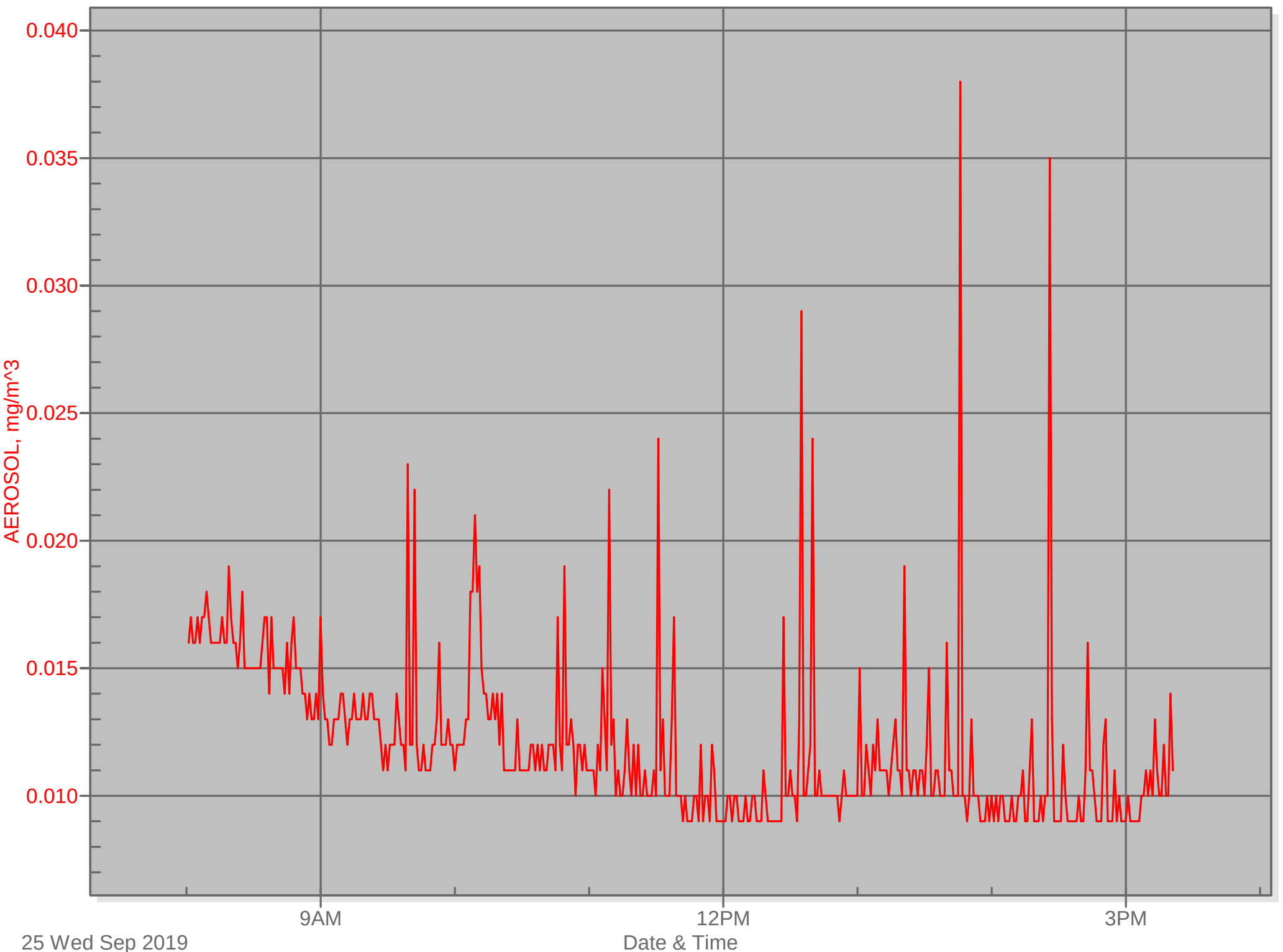
Test 007

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/25/2019
Instrument S/N	8530143607	Start Time	07:59:57
		Stop Date	09/25/2019
		Stop Time	15:20:57
		Total Time	0:07:21:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.012 mg/m ³
Max	0.038 mg/m ³
Max Date	09/25/2019
Max Time	13:45:57
Min	0.009 mg/m ³
Min Date	09/25/2019
Min Time	11:41:57
TWA (8 hr)	0.011
TWA Start Date	09/25/2019
TWA Start Time	07:59:57
TWA End Time	15:20:57

Elim Town Homes

9-25-19



DAILY FIELD SUMMARY FORM

DATE: 9/26/2019

FILE No. 21.0056884.00

REPORT No. 19-105

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: EARLY RAIN
UNTIL 11:00

Temp Range: 50 to 68 °F
Wind Speed: 8 mph
Wind Direction: WSW

Time GZA Arrived on Site: 0730

Site Conditions: WET

Contractors on Site: GRSC/NATIONAL FUEL
VISING

- GZA Personnel On-Site: D. WOLF
- GZA's Equipment On-Site: DUST TRAK
MINI-RAE 3000

Name of NYSDEC Representative(s) on Site: NONE

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- DUST TRAK NOT SET UP UNTIL RAIN STOPS
- GRSC/NATIONAL FUEL EXCAVATING TO INSTALL 2" GAS MAIN, SOILS EXCAVATED FROM ABOVE DEMARK WERE CUST ASIDE AND RE-USED AS CLEAN BACKFILL. SOILS FROM BELOW THE DEMARK WERE HAULD TO THE ON SITE IMPACTED SOIL PILES.
- CAPITAL PUEVE ON SITE AWAKING TO INSTALL PUEVE POSTS ALONG THE NORTHERN PROPERTY LINE

Photos taken: YES

Time GZA left Site: 14:30

Prepared by: D. Wolf

Reviewed by: J. Richert

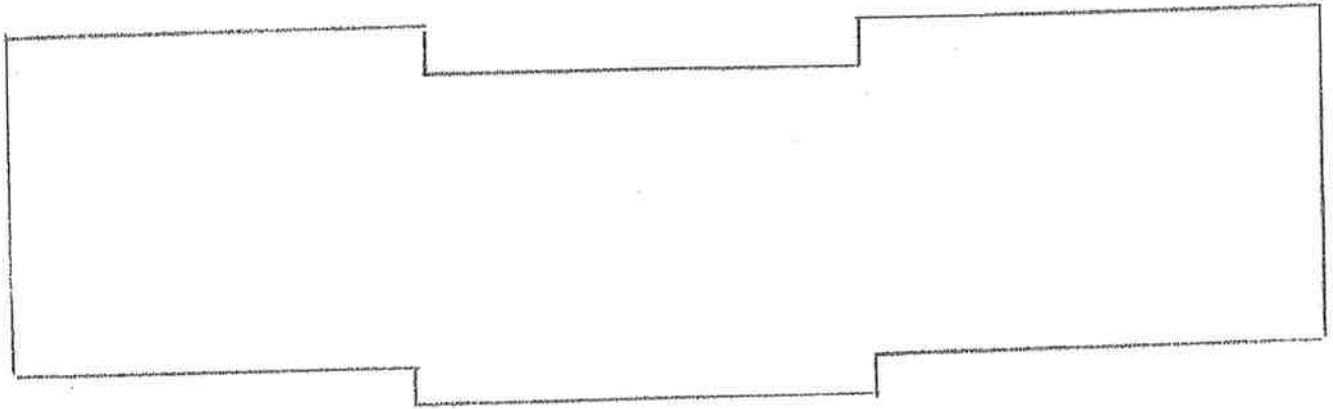
DAILY FIELD SUMMARY FORM

DATE: 9/26/2019

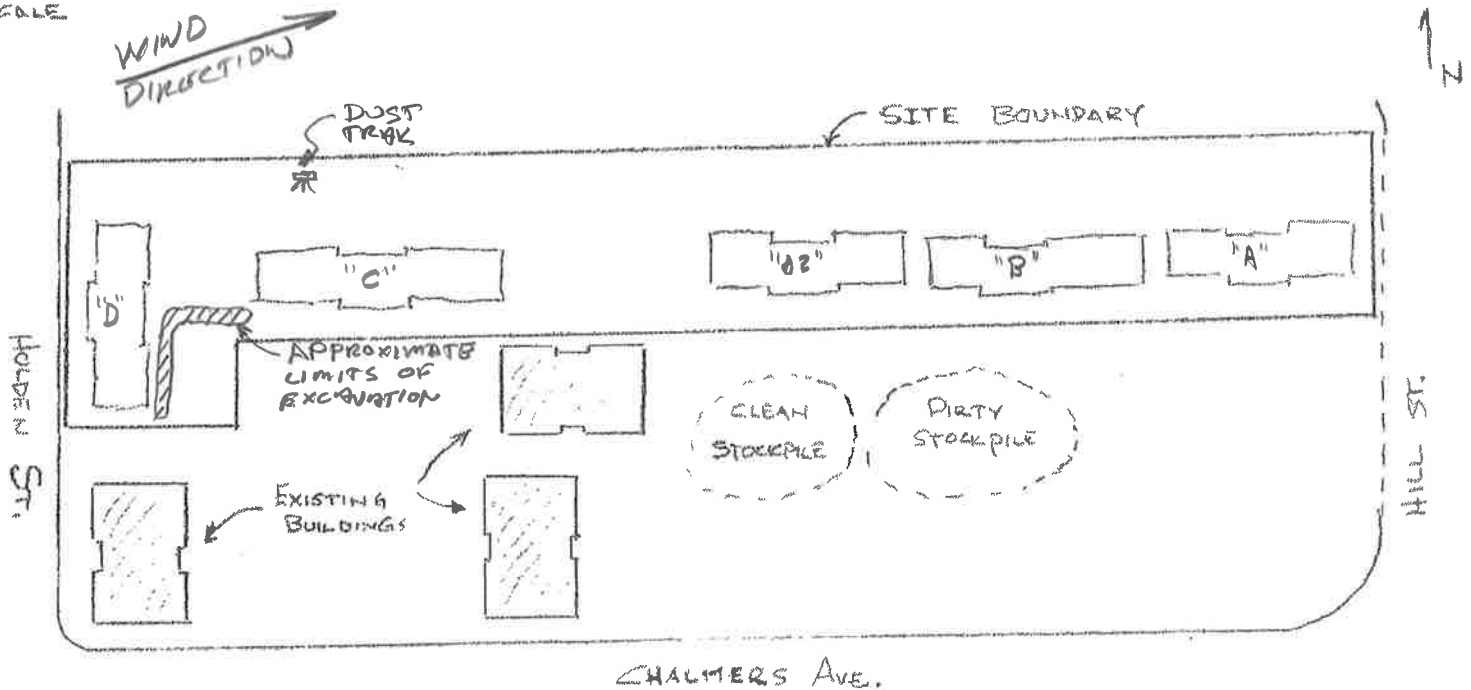
FILE No. 21.0056884.00

REPORT No. 19-105

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



Not to
Scale



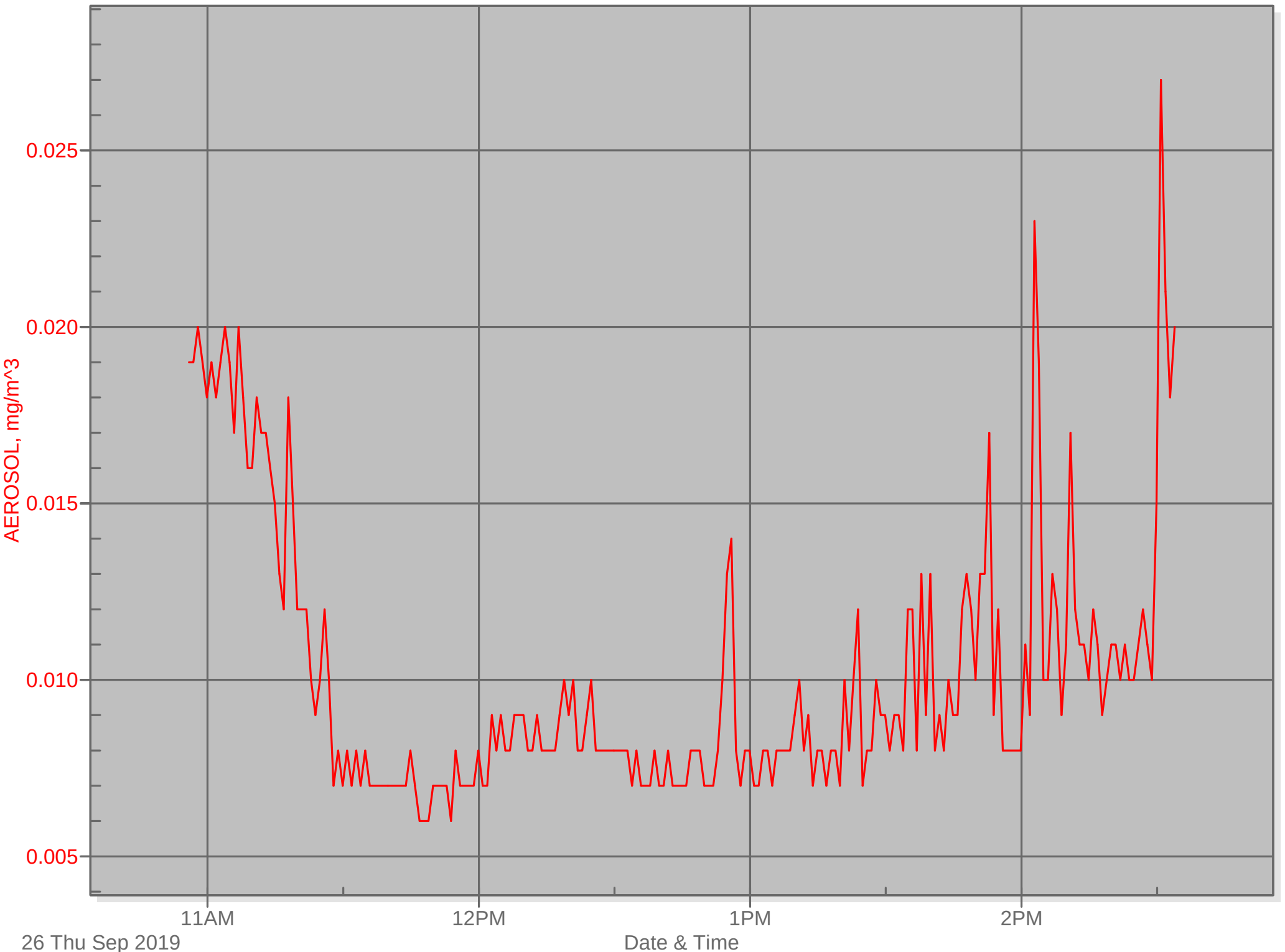
Test 008

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/26/2019
Instrument S/N	8530143607	Start Time	10:54:52
		Stop Date	09/26/2019
		Stop Time	14:33:52
		Total Time	0:03:39:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.010 mg/m ³
Max	0.027 mg/m ³
Max Date	09/26/2019
Max Time	14:30:52
Min	0.006 mg/m ³
Min Date	09/26/2019
Min Time	11:46:52
TWA (8 hr)	0.005
TWA Start Date	09/26/2019
TWA Start Time	10:54:52
TWA End Time	14:33:52

Elim Town Homes

9-26-19



DAILY FIELD SUMMARY FORM

DATE: 7/27/ 2019

FILE No. 21.0056884.00

REPORT No. 19-06

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: Dry

Temp Range: 60 to 70 °F

Wind Speed: 4 mph

Wind Direction: SW

Time GZA Arrived on Site: 0715

Site Conditions: Dry

Contractors on Site: GRSC/Material Fuel
Vigore

• GZA Personnel On-Site: E. Thaler

• GZA's Equipment On-Site: Dust Truck
Mini Reel 3000

Name of NYSDEC Representative(s) on Site: None

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- FRSC completed backfill of 6" main
- soil/gravel placed on N. side of buildings
- No visible dust observed leaving site, no elevated PID readings

Photos taken: Yes

Time GZA left Site: 1430

Prepared by: E. Thaler

Reviewed by: J. Richter

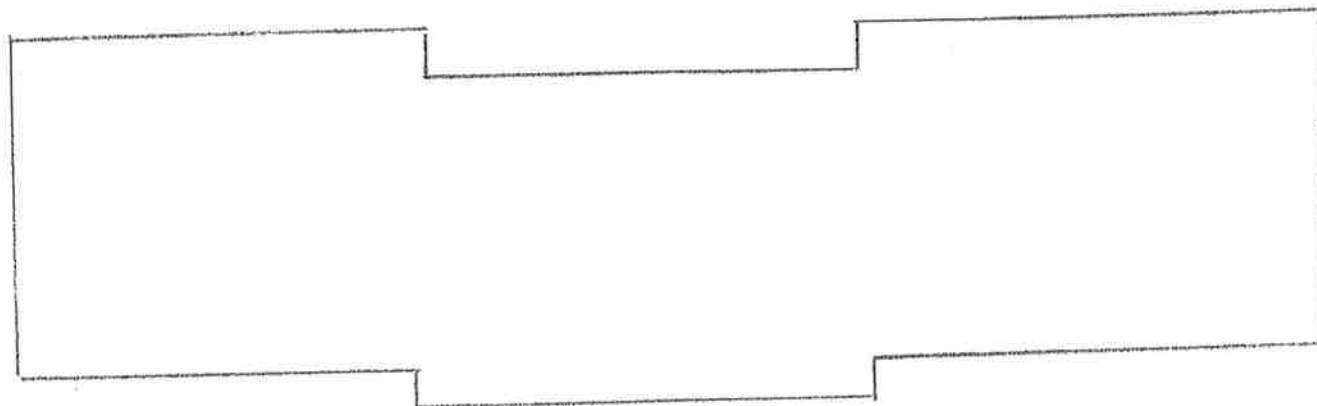
DAILY FIELD SUMMARY FORM

DATE: 9/27/2019

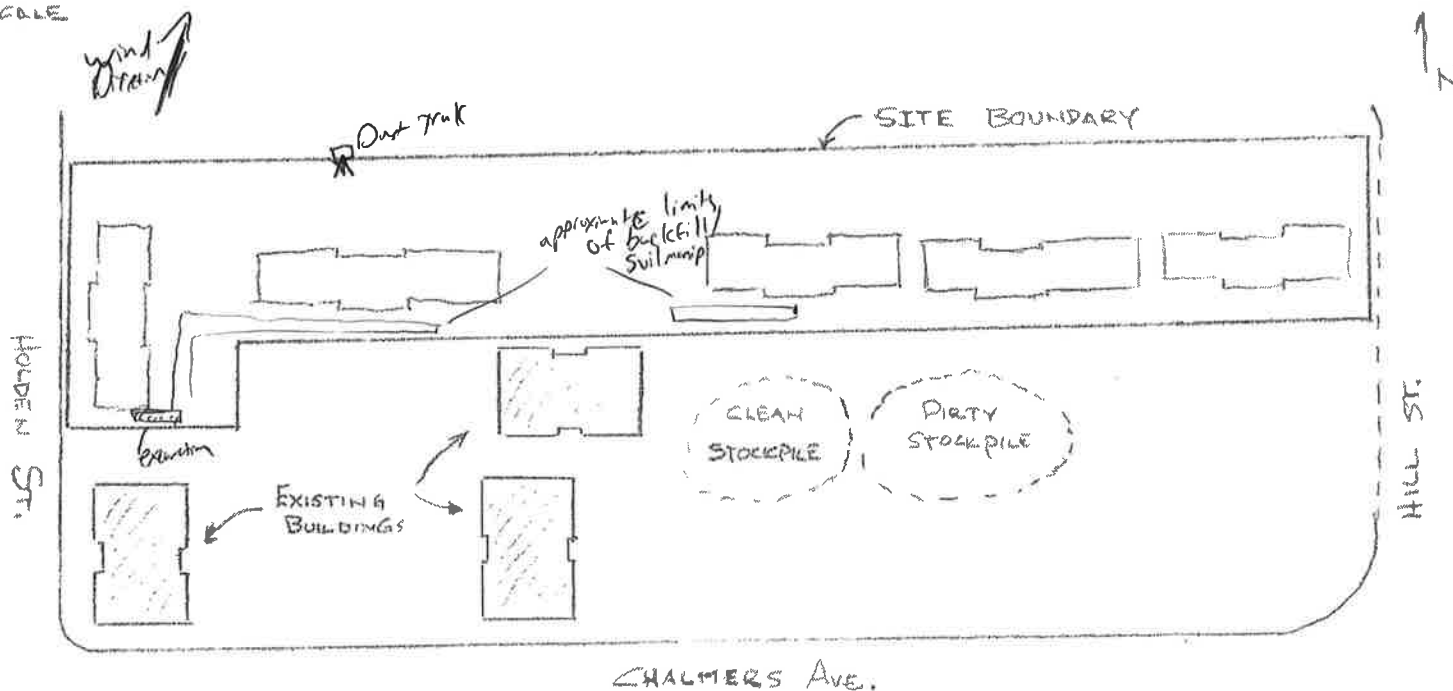
FILE No. 21.0056884.00

REPORT No. 19-106

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



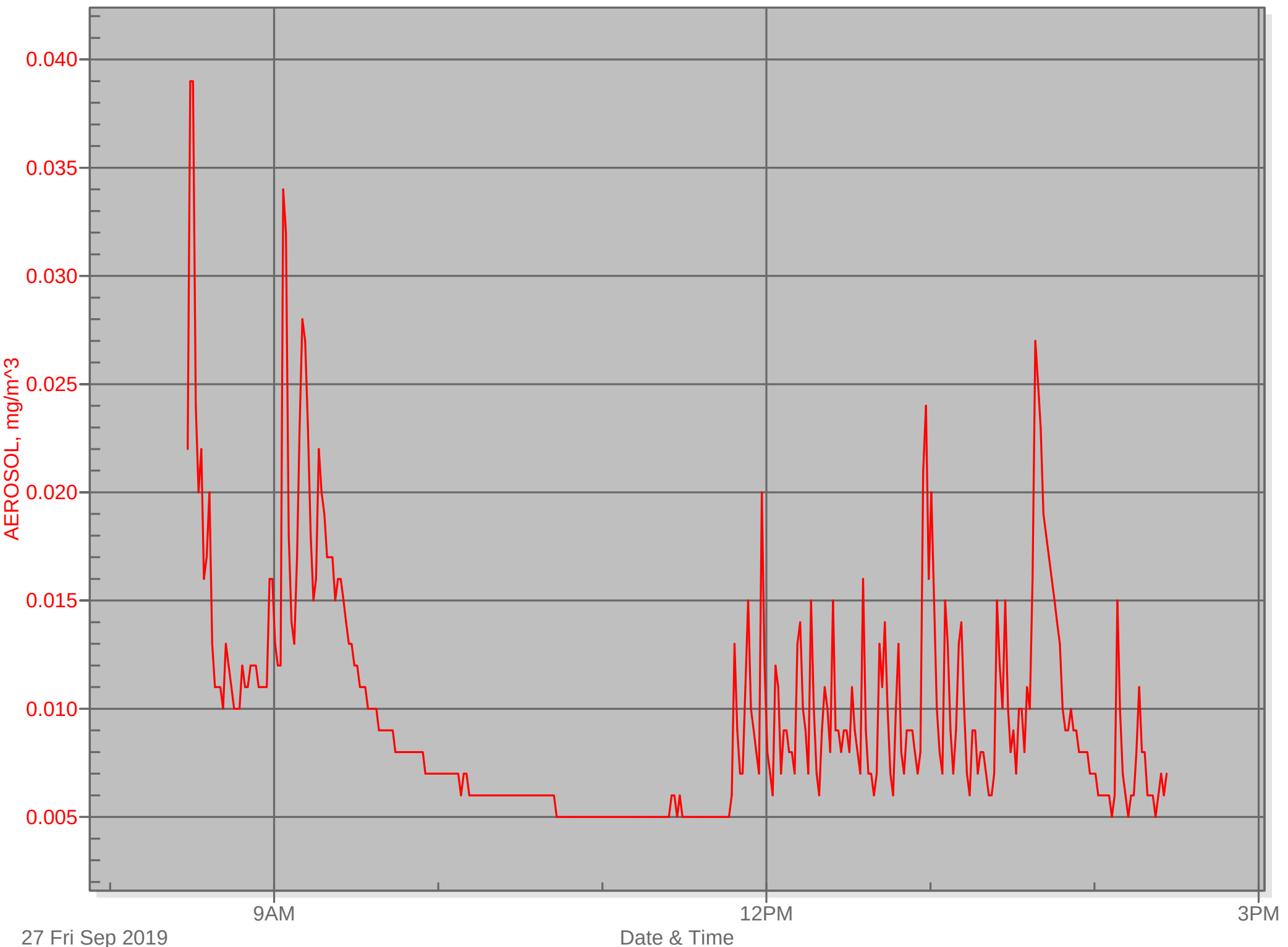
Test 009

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/27/2019
Instrument S/N	8530143607	Start Time	08:27:20
		Stop Date	09/27/2019
		Stop Time	14:26:20
		Total Time	0:05:59:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.010 mg/m ³
Max	0.039 mg/m ³
Max Date	09/27/2019
Max Time	08:29:20
Min	0.005 mg/m ³
Min Date	09/27/2019
Min Time	10:43:20
TWA (8 hr)	0.007
TWA Start Date	09/27/2019
TWA Start Time	08:27:20
TWA End Time	14:26:20

Elim Town Homes

9-27-19



DAILY FIELD SUMMARY FORM

DATE: 9/30/2019

FILE No. 21.0056884.00

REPORT No. 19-167

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: 5 overcast

Temp Range: 64 to 73 °F

Wind Speed: 5 mph

Wind Direction: WSW

Time GZA Arrived on Site: 07:30

Site Conditions: WET

Contractors on Site: ERSC / NATIONAL FUEL
VISIONE

• GZA Personnel On-Site: D. WOLF

• GZA's Equipment On-Site: DUST TRUCK
MINI-RHE 3000

Name of NYSDEC Representative(s) on Site: NONE

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- ERSC EXCAVATING TO TIE-IN THE NEWLY INSTALLED GAS LINE TO THE EXISTING GAS MAIN
- VISIONE PLACING TOPSOIL IN VARIOUS PLACES AROUND THE SITE.
- NO FUGITIVE DUST OBSERVED LEAVING THE SITE. NO ELEVATED PD READINGS OBSERVED.
- DEMARK WAS PLACED IN THE BOTTOM OF THE EXCAVATION AND THEN BACKFILLED
- CAPITAL FENCE INSTALLING FENCE ALONG THE NORTH PROPERTY LINE.

Photos taken: YES

Time GZA left Site: 14:30

Prepared by: D. WOLF

Reviewed by: J. Richert

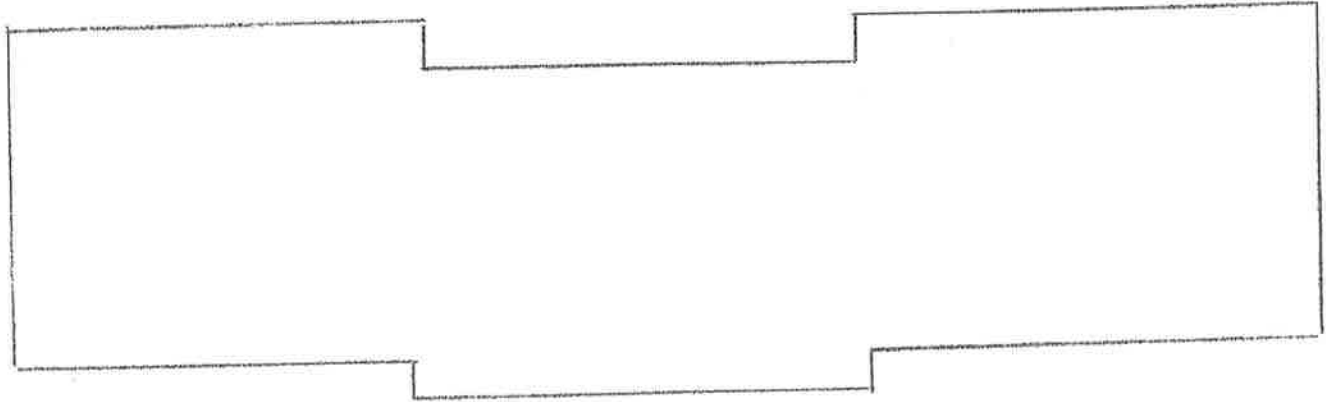
DAILY FIELD SUMMARY FORM

DATE: 9/30/2019

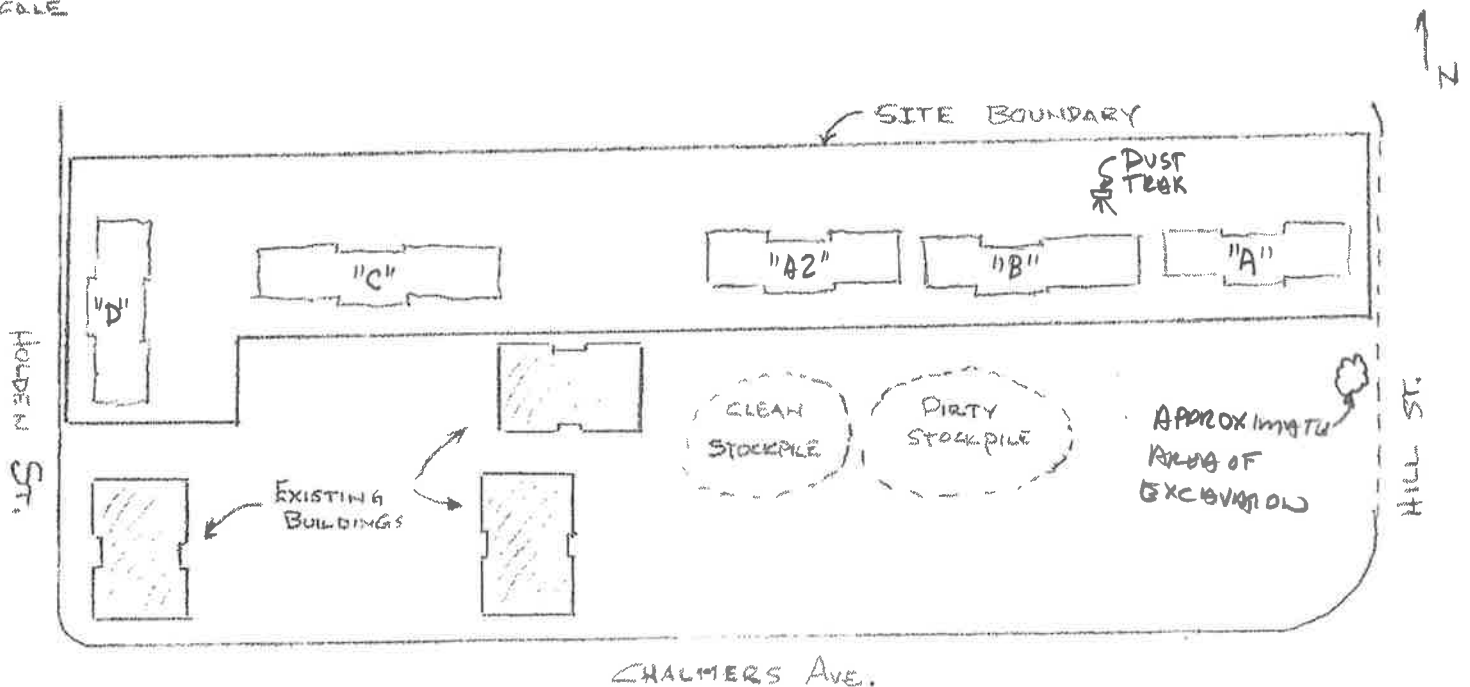
FILE No. 21.0056884.00

REPORT No. 19-107

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



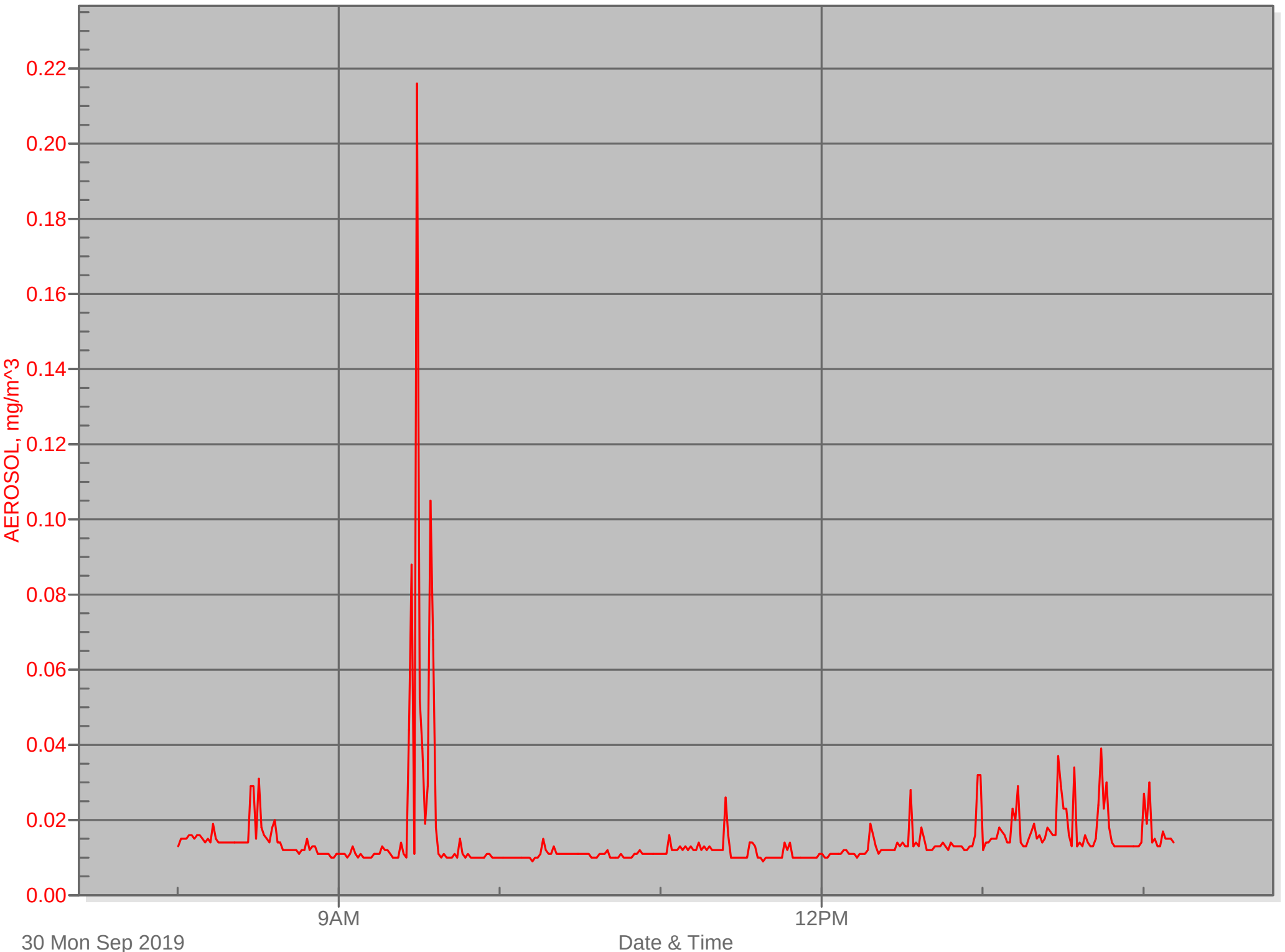
Test 010

Instrument		Data Properties	
Model	DustTrak II	Start Date	09/30/2019
Instrument S/N	8530143607	Start Time	07:59:13
		Stop Date	09/30/2019
		Stop Time	14:11:13
		Total Time	0:06:12:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.015 mg/m ³
Max	0.216 mg/m ³
Max Date	09/30/2019
Max Time	09:29:13
Min	0.009 mg/m ³
Min Date	09/30/2019
Min Time	10:12:13
TWA (8 hr)	0.011
TWA Start Date	09/30/2019
TWA Start Time	07:59:13
TWA End Time	14:11:13

Elim Town Homes

9-30-19



DAILY FIELD SUMMARY FORM

DATE: 10/1/ 2019

FILE No. 21.0056884.00

REPORT No. 19- 102

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: P. Cloudy

Temp Range: 70° to 82° °F

Wind Speed: 8 to 12 mph

Wind Direction: WSW

Time GZA Arrived on Site: 0730

Site Conditions: Dry

Contractors on Site:

- GZA Personnel On-Site: E. Miller
- GZA's Equipment On-Site: Dred Truck
Man. Re. Tool

Name of NYSDEC Representative(s) on Site: NA

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- ERX excavated to install service lines between gas main + buildings at C, B and A2
- V-Bue excavated to 18" and moved in crusher run at head of hill to connect into road with future asphalt
- No Dred Observed leaving site
- No elevated PID during excavation

Photos taken: Yes

Time GZA left Site: 1445

Prepared by: E. Miller

Reviewed by: J. Richert

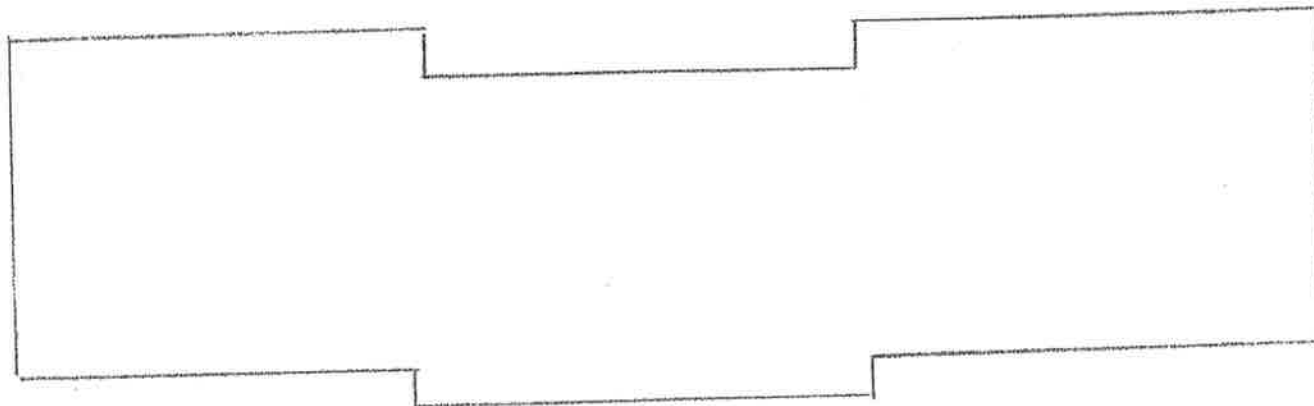
DAILY FIELD SUMMARY FORM

DATE: 6-1-2019

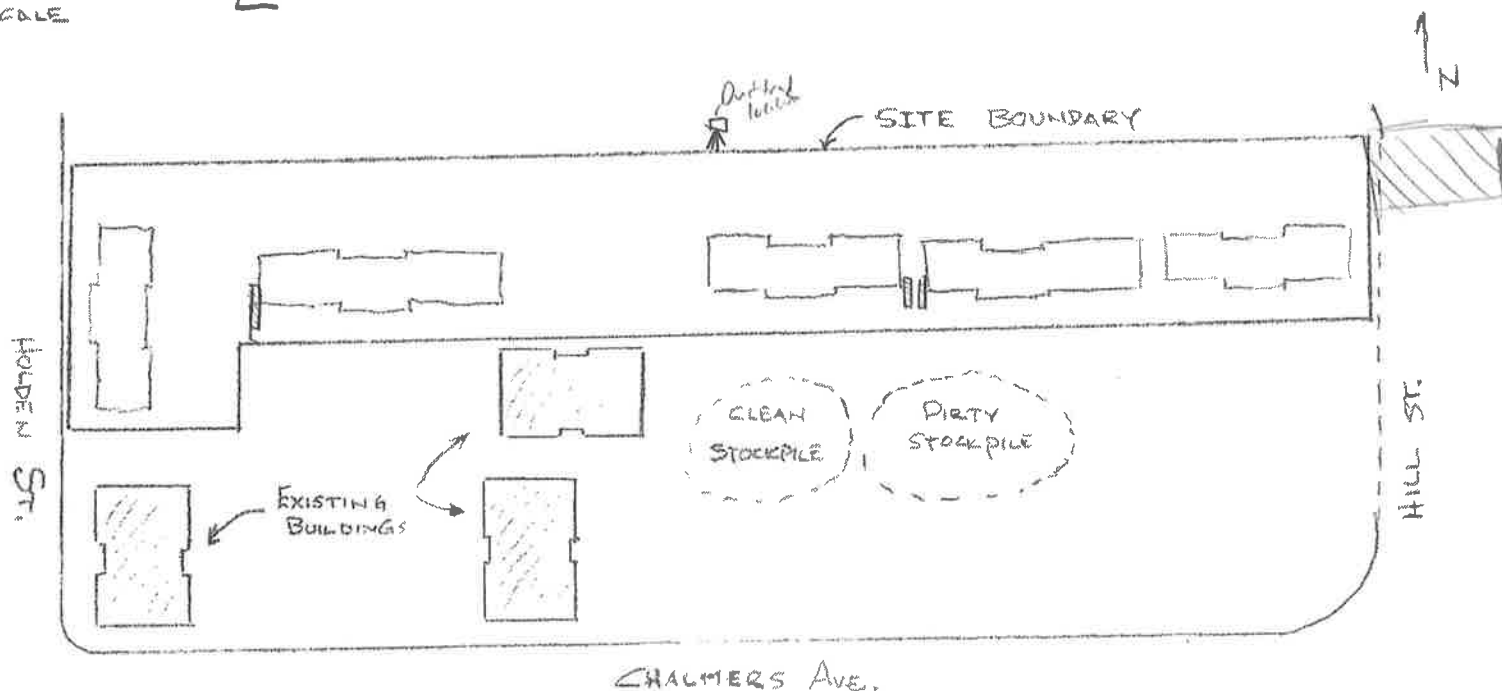
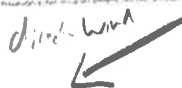
FILE No. 21.0056884.00

REPORT No. 19-108

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE



DAILY FIELD SUMMARY FORM

DATE: 10-2 2019

FILE No. 21.0056884.00

REPORT No. 19-109

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)

GENERAL WEATHER CONDITIONS: Moderate heavy Rain
wet

Temp Range: 60 to 63 °F

Wind Speed: 8 to 10 mph

Wind Direction: NNE

Time GZA Arrived on Site: 0730

Site Conditions: wet

Contractors on Site:

- GZA Personnel On-Site: E. Thulhu
- GZA's Equipment On-Site: Mn: Roe 3000
Dust Truck

Name of NYSDEC Representative(s) on Site: None

Time of arrival/Time of departure:

Issues Discussed with NYSDEC:

SUMMARY OF WORK OBSERVED: (See attached field sketch)

- Due to wet + raining conditions, Dust truck not utilized
- ERSC - for Nat. Fuel - excavated line for install of service to unit 'A'
- wet conditions: no visible Dust on site
- no elevated PID readings during excavation

Photos taken:

Time GZA left Site: 13:20

Prepared by: E. Thulhu

Reviewed by: J. Richert

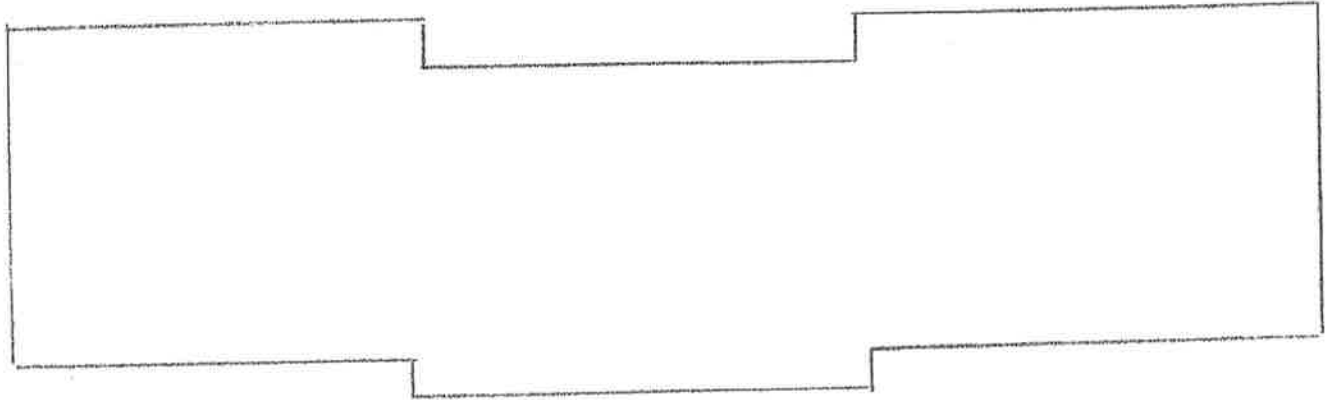
DAILY FIELD SUMMARY FORM

DATE: 10-2-2019

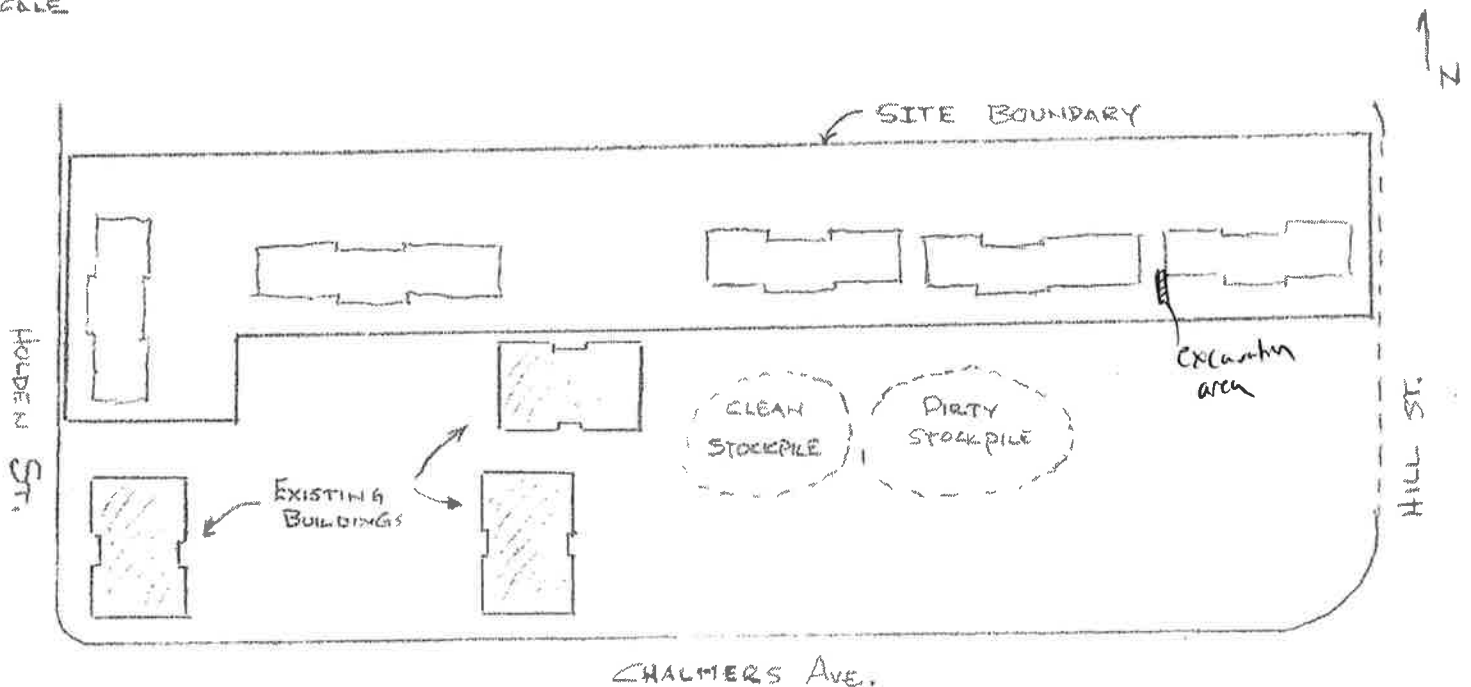
FILE No. 21.0056884.00

REPORT No. 19-109

PROJECT: Elim Town Homes Site-(part of 129 Holden Street BCP Site)



NOT TO
SCALE





ATTACHMENT 2

Photos



Elim Townhomes LLC Site - 129 Holden Street BCP Site, Buffalo, NY
Buffalo, New York



Excavation for building foundation looking west



Installation of concrete piers looking west



Excavation for storm sewer line looking southeast



Backfill of storm sewer line looking east



Elim Townhomes LLC Site - 129 Holden Street BCP Site, Buffalo, NY
Buffalo, New York



Storm water catch basin looking north



Installation of demarcation layer in green space area looking southeast



Dust monitor station looking west



Installation of demarcation layer in gas utility trench looking west



Elim Townhomes LLC Site - 129 Holden Street BCP Site, Buffalo, NY
Buffalo, New York



Backfill in building foundation looking west



Foundation footer forms looking west



Paved road looking west



Covered stockpiled soil looking south



Elim Townhomes LLC Site - 129 Holden Street BCP Site, Buffalo, NY
Buffalo, New York



Finishe Townhouses looking west



Backfill of gas utility line looking east



Southern boundary of site looking west



ATTACHMENT 3.1

1/24/19 Imported Crushed Stone Submittal

and

NYSDEC Approval on 1/29/19



Known for excellence.
Built on trust.

GEOTECHNICAL
ENVIRONMENTAL
ECOLOGICAL
WATER
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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 24, 2019
File No. 21.0056884.00

Mr. Jaspal Walia
New York State Department of Environmental Conservation
270 Michigan Street
Buffalo, New York 14203
Via email: chad.staniszewski@dec.ny.gov

Re: Request for Approval of Imported Crushed Stone
Elim Townhomes LLC - part of 129 Holden Street BCP Site C915261
Buffalo, New York

Dear Jaspal:

On behalf of Elim Townhomes LLC (Elim), GZA GeoEnvironmental of New York (GZA) herein provides the Department the attached *Request to Import/Reuse Fill or Soil* form and supporting letter from the source owner relating to the Elim Townhomes redevelopment, as part of the 129 Holden Street BCP Site. This submittal is for crushed stone that is planned for use during site redevelopment construction.

As specified in the Site Management Plan (SMP) in Appendix D, the Excavation Work Plan (EWP) states the following:

"All materials proposed for import onto the Site, either for use as clean soil cover or for use beneath the demarcation layer, will be approved by the qualified environmental professional and will be in compliance with provisions in this SMP prior to receipt at the Site. A Request to Import/Reuse Fill or Soil form which can be found at <http://www.....>, will be prepared and submitted to the NYSDEC Project Manager, allowing a minimum of 5 business days for review."

Elim has secured a source of crushed rock from New Enterprise Stone & Lime Co. Inc. located at 500 Como Park Boulevard, Buffalo, NY, an approved NYSDOT source. They are in the process of importing stone to the site for use during site development construction.

The volume of crushed rock planned for import is estimated at:

- 7300 tons of #2 Crusher run
- 1300 tons of #1 crushed rock
- 1450 tons of #2 crushed rock

Estimated Total: 10,050 tons



According to DER-10 Section 5.5 (other material) *"..the following material may be imported without chemical testing, to be used as backfill beneath pavement, buildings or as part of the final site cover, provided that it contains less than 10% by weight material which would pass through a size 80 sieve and consists of:*

- i. *Gravel, rock or stone, consisting of virgin material from a permitted mine or quarry.*

The subject rock is planned for use as excavation backfill, foundation base, and subbase for paved surfaces. According to the attached letter from the source owner, the rock materials meet the above-quoted definition of material acceptable for import and use on the site without the need for chemical testing.

Please review the attached NYSDEC request form and related letter from New Enterprise and advise if Department approval to use the proposed stone product is granted.

We appreciate your timely review of this request, as Elim presently continues development of this Site.

If you have questions or require additional information, 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.
Sr. Project Manager

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

Bart A. Klettke, P.E.
Principal

Attachment: NYSDEC *Request to Import/Reuse Fill or Soil* form with supporting letter from New Enterprise.

CC: C. Staniszewski (NYSDEC)
Brad Packard (Elim/Belmont)



**NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**



Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e). Use of this form is not a substitute for reading the applicable Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is:

Have Ecological Resources been identified?

Is this soil originating from the site?

How many cubic yards of soil will be imported/reused?

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone?

Does it contain less than 10%, by weight, material that would pass a size 80 sieve?

Is this virgin material from a permitted mine or quarry?

Is this material recycled concrete or brick from a DEC registered processing facility?

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

No chemical testing. The subject material meets requirements of DER-10 section 5.5 "Other Material".

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

N/A

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Paul Juda, Quality Control

Location where fill was obtained:

New Enterprise Stone & Lime Co. - Wehrle Drive Quarry,

Identification of any state or local approvals as a fill source:

Source # at Wehrle Quarry is 5-3R.

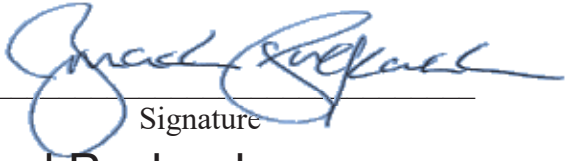
If no approvals are available, provide a brief history of the use of the property that is the fill source:

N/A

Provide a list of supporting documentation included with this request:

See attached letter from New Enterprises Stone & Limestone Co., Inc.
dated January 22, 2019.

The information provided on this form is accurate and complete.



Signature

01/24/19

Date

Brad Packard

Print Name

Elim Townhomes, LLC

Firm

c/o Belmont Housing Resources for WNY, Inc.



NEW ENTERPRISE STONE & LIME CO., INC.

500 Como Park Boulevard • Buffalo NY 14227

Office: (716) 826-7310

Fax: (716) 826-1342

Dispatch: (716) 566-9690

January 22, 2019

VisoneCo Site Development, LLC

10151 Main St.

Clarence, NY

Re: Elin Town Homes

Dear Sir:

Please be advised that the 2" crusher run, Crushed # 2's and Crushed # 1's from our Wehrle Dr. Quarry does come from a virgin rock source. It also comes from an approved New York State Department of Transportation Source and these products will meet all of the specifications for NYSDOT & NYSDEC. The DOT Source number at our Wehrle Dr. Quarry is 5-3R and the latest test number is 17AR30. These materials will all contain less than 10% by weight passing the #80 sieve.

If you need any further information, please feel free to call me at 716-949-9092.

Respectfully Submitted,

New Enterprise Stone & Lime Co.

A handwritten signature in black ink, appearing to read 'Paul Juda, Q.C.'.

Paul Juda, Quality Control

James Richert

From: Walia, Jaspal (DEC) <jaspal.walia@dec.ny.gov>
Sent: Tuesday, January 29, 2019 10:49 AM
To: James Richert
Subject: RE: Elim Townhomes LLC (part of 129 Holden Street Redevelopment) C915261- request for approval of imported crushed stone

Hi Jim,

I have reviewed your request dated 1/24/19 to import approximately 7,300 tons of #2 crusher run, 1,300 tons of #1 crushed rock, and 1,450 tons of #2 crushed rock from New Enterprise Stone & Lime Co. Inc, 500 Como Park Blvd., Buffalo, NY to Elim Townhomes LLC – part of 129 Holden Street Site (Site I.D. #C915261). The proposed material is acceptable to be used at the Elim Townhomes redevelopment site.

Thanks,

Jaspal

From: James Richert <James.Richert@gza.com>
Sent: Thursday, January 24, 2019 12:56 PM
To: Walia, Jaspal (DEC) <jaspal.walia@dec.ny.gov>
Cc: Staniszewski, Chad (DEC) <chad.staniszewski@dec.ny.gov>; Brad Packard <bpackard@belmonthousingwny.org>; Bart Klettke <bart.klettke@gza.com>
Subject: Elim Townhomes LLC (part of 129 Holden Street Redevelopment) C915261- request for approval of imported crushed stone

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Jaspal:

The construction work at the Elim Townhomes LLC Site (part of the 129 Holden Street Redevelopment Site (C915261) is progressing and GZA is on site and assisting Elim with implementation of the Site Management Plan. Please see the attached request for NYSDEC approval of crushed rock that is planned for use during construction.

Your timely attention to this request would be very much appreciated.

Thank you,

Jim

James J. Richert P.G.
Senior Project Manager
GZA | 300 Pearl Street, Suite 700 | Buffalo, NY 14202



ATTACHMENT 3.2

5/8/19 Imported Topsoil Submittal

and

NYSDEC Approval on 5/10/19



Known for excellence.
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GEOTECHNICAL
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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

May 8, 2019
File No. 21.0056913.00

Mr. Jaspal Walia
New York State Department of Environmental Conservation
270 Michigan Street
Buffalo, New York 14203
Via email: jaspal.walia@dec.ny.gov

Re: Request to Import Soil
Elim Townhomes Site (part of the 129 Holden Street BCP Site (C915261)
Buffalo, New York 14094

Dear Jaspal:

On behalf of CSS Construction (CSS), GZA GeoEnvironmental of New York (GZA) herein provides the Department the attached *Request to Import/Reuse Fill or Soil* form and supporting figures and analytical results relating to the Elim Townhomes, LLC (Elim) Site (a part of the 129 Holden Street BCP Site). CSS is the prime contractor that is performing the site redevelopment work at this Site. GZA is providing environmental monitoring services to Elim through a contract with Belmont Housing Resources for WNY, Inc. (Belmont).

Appendix D (the Excavation Work Plan), of the Holden Site Management Plan (SMP) states the following:

"All materials proposed for import onto the Site, either for use as clean soil cover or for use beneath the demarcation layer, will be approved by the qualified environmental professional and will be in compliance with provisions in this SMP prior to receipt at the Site. A Request to Import/Reuse Fill or Soil form which can be found at <http://www.....>, will be prepared and submitted to the NYSDEC Project Manager, allowing a minimum of 5 business days for review."

CSS has identified a source of topsoil that they wish to use on top of and/or as part of the required minimum 24-inch thick clean soil cover. The topsoil is necessary for the planned vegetative cover of the finished residential development. GZA sampled this potential source of topsoil.

The volume of topsoil planned for the Elim Site redevelopment is estimated at 300 cubic yards.



On April 25, 2019, GZA collected samples from an estimated 300 cubic yard section of a larger soil source pile located in the Town of Clarence, NY, see Figures 1 and 2. Four grab samples were collected for VOC analysis and one, five-point, composite sample was collected for analysis of SVOCs, PCBs, Pesticides, Metals, 1,4-dioxane, and the NYSDEC list of 21 PFAS compounds. Because the material is not stone or crushed concrete, geotechnical analyses were not conducted. The total number of samples collected, and analyses performed to characterize the 300 cubic yard subject soil pile is in accordance with the Table of Recommended Number of Samples provided in the EWP.

GZA compared the analytical results of these samples to the NYSDEC restricted residential Soil Cleanup Objectives (SCOs) and confirmed that, for those analytes that have SCOs, all the results were either non-detect, or well below the respective SCOs.

Please review the attached NYSDEC request form and related figures and analytical data report and advise if Department approval to use the proposed soil is granted. CSS plans to import and begin placing the soil soon after Department approval is received.

Thank you for your assistance as Elim/Belmont continues redeveloping their portion of the Site in compliance with the Environmental Easement.

If you have questions or require additional information, 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.
Sr. Project Manager

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

Bart A. Klettke, P.E.
Principal

Attachments:

- A Completed NYSDEC Form – “Request to Import/Reuse Fill or Soil”
- B Figures
- C Analytical Data Report

CC: Chad Staniszewski (NYSDEC)
Russel Kyte (CSS)
Brad Packard (Belmont)



ATTACHMENT A

Completed NYSDEC Form – “*Request to Import/Reuse Fill or Soil*”



**NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**



Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e). Use of this form is not a substitute for reading the applicable Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is:

Have Ecological Resources been identified?

Is this soil originating from the site?

How many cubic yards of soil will be imported/reused?

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone?

Does it contain less than 10%, by weight, material that would pass a size 80 sieve?

Is this virgin material from a permitted mine or quarry?

Is this material recycled concrete or brick from a DEC registered processing facility?

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Four grab samples collected from various locations of the 300 CY pile - analyzed for VOCs by method 8260C. Also, one (five-point) composite sample was collected from the pile and analyzed for:
SVOCs by method 8270D;
PCB by method 8082A;
TAL Metals by method 6010D, Mercury by method 7471B;
TCL Pesticides by method 8081B;
1,4-dioxane by method 8270D-SIM; and
NY PFAAs by method 537 (M)-Isotope Dilution

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

For all those analytes that have an SCO, the analytical concentrations were either non-detect or were well below the respective restricted residential SCOs. See attached Analytical Soil Test Report for results.

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

VisoneCo Site Development, LLC - Owner of Soil Source

Location where fill was obtained:

Behind 9380 Main Street, Clarence, NY 14031

Identification of any state or local approvals as a fill source:

N/A

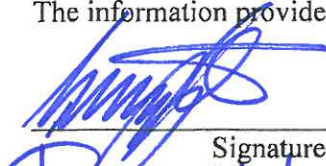
If no approvals are available, provide a brief history of the use of the property that is the fill source:

Source of the topsoil was an adjacent undeveloped forested property that was recently redeveloped into for residential Site use. The topsoil was stripped and stockpiled at the current location as part of the site preparation work, see attached Site location Figure 1 and Image of Sampling locations.

Provide a list of supporting documentation included with this request:

Attached: Site location Map, Map of Sample locations and Analytical Soil Test Report

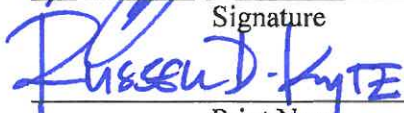
The information provided on this form is accurate and complete.



Signature

5/8/15.

Date



Print Name

CREATIVE STRUCTURES SERVICES, INC

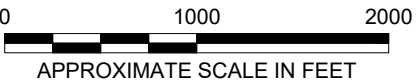
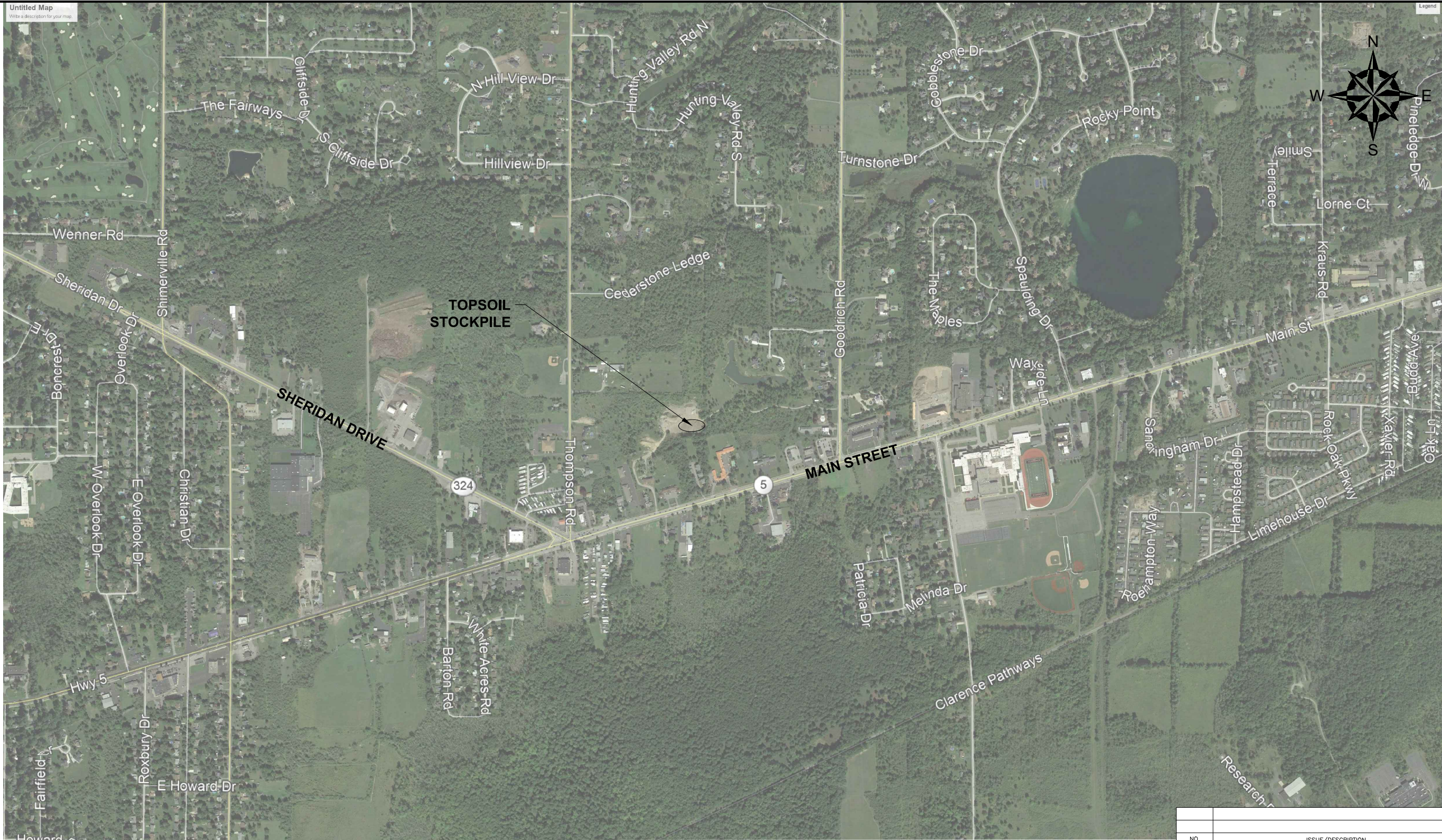
Firm



ATTACHMENT B

Figures

©2019 - GZA GeoEnvironmental of N.Y. GZA-A:\56900\56913 CSS Imported Soil Services\Site Plan Aerial Figures.dwg [Figure 2] April 26, 2019 - 12:24pm Michael Kress



NOTES:

1. BASE IMAGE DEVELOPED FROM A 2018 AERIAL PHOTOGRAPH DOWNLOADED FROM GOOGLE EARTH PRO AND FIELD OBSERVATIONS.

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		DATE
CSS TOPSOIL SAMPLING ~9300 MAIN STREET CLARENCE, NEW YORK			
TOPSOIL STOCKPILE LOCATION PLAN			
PREPARED BY:  GZA GeoEnvironmental of N.Y. Engineers and Scientists 300 PEARL STREET, SUITE 700 BUFFALO, NEW YORK 14202 (716) 685-2300		PREPARED FOR: CREATIVE STRUCTURES SERVICES	
PROJ MGR:	JR	REVIEWED BY:	CHECKED BY:
DESIGNED BY:		DRAWN BY: MDK	SCALE: AS SHOWN
DATE	PROJECT NO.		REVISION NO.
APRIL 2019	21.0056913.00		



VOC-1

VOC-2

VOC-3

VOC-4

COMPOSITE ALL 4 VOC
LOCATIONS PLUS THIS
MIDDLE SPOT



ATTACHMENT C

Analytical Data Report



ANALYTICAL REPORT

Lab Number:	L1917086
Client:	GZA GeoEnvironmental 300 Pearl Street Suit 700 Buffalo, NY 14202
ATTN:	James Richert
Phone:	(716) 685-2300
Project Name:	VISONE TOPSOIL SAMPLE
Project Number:	21.0056913.00
Report Date:	05/06/19

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: VISIONE TOPSOIL SAMPLE

Project Number: 21.0056913.00

Lab Number: L1917086

Report Date: 05/06/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1917086-01	VISIONE TOPSOIL 42519 GRAB 1	SOIL	9300 MAIN ST., CLARENCE, NY	04/25/19 12:30	04/25/19
L1917086-02	VISIONE TOPSOIL 42519 GRAB 2	SOIL	9300 MAIN ST., CLARENCE, NY	04/25/19 12:30	04/25/19
L1917086-03	VISIONE TOPSOIL 42519 GRAB 3	SOIL	9300 MAIN ST., CLARENCE, NY	04/25/19 12:30	04/25/19
L1917086-04	VISIONE TOPSOIL 42519 GRAB 4	SOIL	9300 MAIN ST., CLARENCE, NY	04/25/19 12:30	04/25/19
L1917086-05	VISIONE TOPSOIL 42519 COMP	SOIL	9300 MAIN ST., CLARENCE, NY	04/25/19 12:40	04/25/19
L1917086-06	VISIONE TOPSOIL 42519 PFAS	SOIL	9300 MAIN ST., CLARENCE, NY	04/25/19 12:45	04/25/19

Project Name: VISIONE TOPSOIL SAMPLE
Project Number: 21.0056913.00

Lab Number: L1917086
Report Date: 05/06/19

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: VISIONE TOPSOIL SAMPLE
Project Number: 21.0056913.00

Lab Number: L1917086
Report Date: 05/06/19

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Perfluorinated Alkyl Acids by Isotope Dilution

L1917086-06: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

L1917086-06 and WG1232983-3: The continuing calibration standard, associated with L1917086 and QC, had the response for Perfluoroheptanesulfonic Acid (PFHpS) outside the acceptance criteria for the method. This value represents less than 10% of all compounds, therefore the calibration was accepted.

L1917086-06 and WG1232983-3: The continuing calibration standard, associated with L1917086 and QC, had the response for Perfluorohexanesulfonic Acid-Branched (br-PFHxS), outside of acceptance criteria. The response for Perfluorohexanesulfonic Acid (PFHxS) was within acceptance criteria; therefore, no further action was taken.

Total Metals

L1917086-05: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Amita Naik

Title: Technical Director/Representative

Date: 05/06/19

ORGANICS

VOLATILES

Project Name: VISIONE TOPSOIL SAMPLE**Lab Number:** L1917086**Project Number:** 21.0056913.00**Report Date:** 05/06/19**SAMPLE RESULTS**

Lab ID: L1917086-01
 Client ID: VISIONE TOPSOIL 42519 GRAB 1
 Sample Location: 9300 MAIN ST., CLARENCE, NY

Date Collected: 04/25/19 12:30
 Date Received: 04/25/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 05/03/19 15:44
 Analyst: PK
 Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.86	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.21	1
Bromodichloromethane	ND		ug/kg	0.62	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	5.0	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.20	1
Benzene	ND		ug/kg	0.62	0.20	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.72	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1
Trichloroethene	ND		ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1

Project Name: VISIONE TOPSOIL SAMPLE**Lab Number:** L1917086**Project Number:** 21.0056913.00**Report Date:** 05/06/19**SAMPLE RESULTS**

Lab ID: L1917086-01
 Client ID: VISIONE TOPSOIL 42519 GRAB 1
 Sample Location: 9300 MAIN ST., CLARENCE, NY

Date Collected: 04/25/19 12:30
 Date Received: 04/25/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
2-Hexanone	ND		ug/kg	12	1.5	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
n-Butylbenzene	ND		ug/kg	1.2	0.21	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	5.0	0.80	1
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.41	1
Methyl Acetate	ND		ug/kg	5.0	1.2	1
Cyclohexane	ND		ug/kg	12	0.67	1
Freon-113	ND		ug/kg	5.0	0.86	1
Methyl cyclohexane	ND		ug/kg	5.0	0.75	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	98		70-130

Project Name: VISIONE TOPSOIL SAMPLE**Lab Number:** L1917086**Project Number:** 21.0056913.00**Report Date:** 05/06/19**SAMPLE RESULTS**

Lab ID: L1917086-02
 Client ID: VISIONE TOPSOIL 42519 GRAB 2
 Sample Location: 9300 MAIN ST., CLARENCE, NY

Date Collected: 04/25/19 12:30
 Date Received: 04/25/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 05/03/19 16:12
 Analyst: PK
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.86	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.21	1
Bromodichloromethane	ND		ug/kg	0.62	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.20	1
Benzene	ND		ug/kg	0.62	0.20	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.2	1
Bromomethane	ND		ug/kg	2.5	0.72	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1
Trichloroethene	ND		ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1

Project Name: VISIONE TOPSOIL SAMPLE**Lab Number:** L1917086**Project Number:** 21.0056913.00**Report Date:** 05/06/19**SAMPLE RESULTS**

Lab ID: L1917086-02
Client ID: VISIONE TOPSOIL 42519 GRAB 2
Sample Location: 9300 MAIN ST., CLARENCE, NY

Date Collected: 04/25/19 12:30
Date Received: 04/25/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
2-Hexanone	ND		ug/kg	12	1.4	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
n-Butylbenzene	ND		ug/kg	1.2	0.21	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.9	0.80	1
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.41	1
Methyl Acetate	ND		ug/kg	4.9	1.2	1
Cyclohexane	ND		ug/kg	12	0.67	1
Freon-113	ND		ug/kg	4.9	0.86	1
Methyl cyclohexane	ND		ug/kg	4.9	0.74	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	101		70-130

Project Name: VISIONE TOPSOIL SAMPLE**Lab Number:** L1917086**Project Number:** 21.0056913.00**Report Date:** 05/06/19**SAMPLE RESULTS**

Lab ID: L1917086-03
 Client ID: VISIONE TOPSOIL 42519 GRAB 3
 Sample Location: 9300 MAIN ST., CLARENCE, NY

Date Collected: 04/25/19 12:30
 Date Received: 04/25/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 05/03/19 16:39
 Analyst: PK
 Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.19	1
Benzene	ND		ug/kg	0.56	0.19	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.65	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: VISIONE TOPSOIL SAMPLE**Lab Number:** L1917086**Project Number:** 21.0056913.00**Report Date:** 05/06/19**SAMPLE RESULTS**

Lab ID: L1917086-03
 Client ID: VISIONE TOPSOIL 42519 GRAB 3
 Sample Location: 9300 MAIN ST., CLARENCE, NY

Date Collected: 04/25/19 12:30
 Date Received: 04/25/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.73	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
Methyl Acetate	ND		ug/kg	4.5	1.1	1
Cyclohexane	ND		ug/kg	11	0.61	1
Freon-113	ND		ug/kg	4.5	0.78	1
Methyl cyclohexane	ND		ug/kg	4.5	0.68	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	93		70-130

Project Name: VISIONE TOPSOIL SAMPLE**Lab Number:** L1917086**Project Number:** 21.0056913.00**Report Date:** 05/06/19**SAMPLE RESULTS**

Lab ID: L1917086-04
 Client ID: VISIONE TOPSOIL 42519 GRAB 4
 Sample Location: 9300 MAIN ST., CLARENCE, NY

Date Collected: 04/25/19 12:30
 Date Received: 04/25/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 05/03/19 17:06
 Analyst: PK
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	6.4	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	ND		ug/kg	0.64	0.25	1
Chlorobenzene	ND		ug/kg	0.64	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.1	0.88	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	0.64	0.21	1
Bromodichloromethane	ND		ug/kg	0.64	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.35	1
cis-1,3-Dichloropropene	ND		ug/kg	0.64	0.20	1
Bromoform	ND		ug/kg	5.1	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.64	0.21	1
Benzene	ND		ug/kg	0.64	0.21	1
Toluene	ND		ug/kg	1.3	0.69	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.1	1.2	1
Bromomethane	ND		ug/kg	2.5	0.74	1
Vinyl chloride	ND		ug/kg	1.3	0.43	1
Chloroethane	ND		ug/kg	2.5	0.58	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1
Trichloroethene	ND		ug/kg	0.64	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1

Project Name: VISIONE TOPSOIL SAMPLE**Lab Number:** L1917086**Project Number:** 21.0056913.00**Report Date:** 05/06/19**SAMPLE RESULTS**

Lab ID: L1917086-04
 Client ID: VISIONE TOPSOIL 42519 GRAB 4
 Sample Location: 9300 MAIN ST., CLARENCE, NY

Date Collected: 04/25/19 12:30
 Date Received: 04/25/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.26	1
p/m-Xylene	ND		ug/kg	2.5	0.71	1
o-Xylene	ND		ug/kg	1.3	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.1	1
Carbon disulfide	ND		ug/kg	13	5.8	1
2-Butanone	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
2-Hexanone	ND		ug/kg	13	1.5	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
n-Butylbenzene	ND		ug/kg	1.3	0.21	1
sec-Butylbenzene	ND		ug/kg	1.3	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.3	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.1	0.83	1
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.35	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.42	1
Methyl Acetate	ND		ug/kg	5.1	1.2	1
Cyclohexane	ND		ug/kg	13	0.69	1
Freon-113	ND		ug/kg	5.1	0.88	1
Methyl cyclohexane	ND		ug/kg	5.1	0.77	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	100		70-130

Project Name: VISIONE TOPSOIL SAMPLE

Lab Number: L1917086

Project Number: 21.0056913.00

Report Date: 05/06/19

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/03/19 08:03
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04 Batch: WG1233387-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: VISIONE TOPSOIL SAMPLE
Project Number: 21.0056913.00

Lab Number: L1917086
Report Date: 05/06/19

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/03/19 08:03
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04 Batch: WG1233387-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: VISIONE TOPSOIL SAMPLE
Project Number: 21.0056913.00

Lab Number: L1917086
Report Date: 05/06/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/03/19 08:03
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04 Batch: WG1233387-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	94		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: VISONE TOPSOIL SAMPLE

Lab Number: L1917086

Project Number: 21.0056913.00

Report Date: 05/06/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04 Batch: WG1233387-3 WG1233387-4								
Methylene chloride	100		98		70-130	2		30
1,1-Dichloroethane	114		110		70-130	4		30
Chloroform	106		102		70-130	4		30
Carbon tetrachloride	98		96		70-130	2		30
1,2-Dichloropropane	110		106		70-130	4		30
Dibromochloromethane	78		84		70-130	7		30
1,1,2-Trichloroethane	94		101		70-130	7		30
Tetrachloroethene	97		98		70-130	1		30
Chlorobenzene	102		102		70-130	0		30
Trichlorofluoromethane	96		92		70-139	4		30
1,2-Dichloroethane	105		102		70-130	3		30
1,1,1-Trichloroethane	106		104		70-130	2		30
Bromodichloromethane	92		93		70-130	1		30
trans-1,3-Dichloropropene	97		98		70-130	1		30
cis-1,3-Dichloropropene	102		97		70-130	5		30
Bromoform	72		75		70-130	4		30
1,1,2,2-Tetrachloroethane	94		98		70-130	4		30
Benzene	113		110		70-130	3		30
Toluene	112		110		70-130	2		30
Ethylbenzene	106		102		70-130	4		30
Chloromethane	126		109		52-130	14		30
Bromomethane	94		87		57-147	8		30
Vinyl chloride	107		105		67-130	2		30

Lab Control Sample Analysis Batch Quality Control

Project Name: VISONE TOPSOIL SAMPLE

Project Number: 21.0056913.00

Lab Number: L1917086

Report Date: 05/06/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04 Batch: WG1233387-3 WG1233387-4								
Chloroethane	98		96		50-151	2		30
1,1-Dichloroethene	95		87		65-135	9		30
trans-1,2-Dichloroethene	106		98		70-130	8		30
Trichloroethene	111		110		70-130	1		30
1,2-Dichlorobenzene	99		97		70-130	2		30
1,3-Dichlorobenzene	101		100		70-130	1		30
1,4-Dichlorobenzene	100		100		70-130	0		30
Methyl tert butyl ether	102		101		66-130	1		30
p/m-Xylene	115		109		70-130	5		30
o-Xylene	110		112		70-130	2		30
cis-1,2-Dichloroethene	106		101		70-130	5		30
Styrene	111		113		70-130	2		30
Dichlorodifluoromethane	107		102		30-146	5		30
Acetone	105		91		54-140	14		30
Carbon disulfide	91		88		59-130	3		30
2-Butanone	85		86		70-130	1		30
4-Methyl-2-pentanone	94		85		70-130	10		30
2-Hexanone	78		75		70-130	4		30
1,2-Dibromoethane	91		96		70-130	5		30
n-Butylbenzene	118		115		70-130	3		30
sec-Butylbenzene	113		108		70-130	5		30
tert-Butylbenzene	112		110		70-130	2		30
1,2-Dibromo-3-chloropropane	72		74		68-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: VISIONE TOPSOIL SAMPLE

Lab Number: L1917086

Project Number: 21.0056913.00

Report Date: 05/06/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04 Batch: WG1233387-3 WG1233387-4								
Isopropylbenzene	110		107		70-130	3		30
p-Isopropyltoluene	111		108		70-130	3		30
Naphthalene	92		93		70-130	1		30
n-Propylbenzene	114		110		70-130	4		30
1,2,4-Trichlorobenzene	97		100		70-130	3		30
1,3,5-Trimethylbenzene	110		109		70-130	1		30
1,2,4-Trimethylbenzene	111		108		70-130	3		30
Methyl Acetate	96		95		51-146	1		30
Cyclohexane	127		121		59-142	5		30
Freon-113	97		93		50-139	4		30
Methyl cyclohexane	117		110		70-130	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		100		70-130
Toluene-d8	97		100		70-130
4-Bromofluorobenzene	98		101		70-130
Dibromofluoromethane	96		100		70-130

SEMIVOLATILES

Project Name: VISIONE TOPSOIL SAMPLE**Lab Number:** L1917086**Project Number:** 21.0056913.00**Report Date:** 05/06/19**SAMPLE RESULTS**

Lab ID: L1917086-05
 Client ID: VISIONE TOPSOIL 42519 COMP
 Sample Location: 9300 MAIN ST., CLARENCE, NY

Date Collected: 04/25/19 12:40
 Date Received: 04/25/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/06/19 12:56
 Analyst: ALS
 Percent Solids: 80%

Extraction Method: EPA 3546
 Extraction Date: 05/04/19 08:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	35	J	ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	210	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	41.	1
2,6-Dinitrotoluene	ND		ug/kg	210	35.	1
Fluoranthene	770		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	27.	1
Naphthalene	ND		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	81	J	ug/kg	210	71.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1
Di-n-butylphthalate	ND		ug/kg	210	39.	1
Di-n-octylphthalate	ND		ug/kg	210	70.	1
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	43.	1
Benzo(a)anthracene	330		ug/kg	120	23.	1
Benzo(a)pyrene	310		ug/kg	160	50.	1

Project Name: VISIONE TOPSOIL SAMPLE**Lab Number:** L1917086**Project Number:** 21.0056913.00**Report Date:** 05/06/19**SAMPLE RESULTS**

Lab ID: L1917086-05
 Client ID: VISIONE TOPSOIL 42519 COMP
 Sample Location: 9300 MAIN ST., CLARENCE, NY

Date Collected: 04/25/19 12:40
 Date Received: 04/25/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	410		ug/kg	120	35.	1
Benzo(k)fluoranthene	150		ug/kg	120	33.	1
Chrysene	300		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	130		ug/kg	120	40.	1
Benzo(ghi)perylene	190		ug/kg	160	24.	1
Fluorene	44	J	ug/kg	210	20.	1
Phenanthrene	440		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	43	J	ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	230		ug/kg	160	29.	1
Pyrene	640		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	470	48.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	85.	1
Dibenzofuran	22	J	ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	210	68.	1
2-Nitrophenol	ND		ug/kg	450	78.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	990	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	99.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	210	31.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Carbazole	60	J	ug/kg	210	20.	1
Atrazine	ND		ug/kg	160	72.	1
Benzaldehyde	ND		ug/kg	270	56.	1

Project Name: VISIONE TOPSOIL SAMPLE**Lab Number:** L1917086**Project Number:** 21.0056913.00**Report Date:** 05/06/19**SAMPLE RESULTS**

Lab ID: L1917086-05
 Client ID: VISIONE TOPSOIL 42519 COMP
 Sample Location: 9300 MAIN ST., CLARENCE, NY

Date Collected: 04/25/19 12:40
 Date Received: 04/25/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	63.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	42.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	97		10-136
4-Terphenyl-d14	69		18-120

Project Name: VISIONE TOPSOIL SAMPLE**Lab Number:** L1917086**Project Number:** 21.0056913.00**Report Date:** 05/06/19**SAMPLE RESULTS**

Lab ID: L1917086-05
 Client ID: VISIONE TOPSOIL 42519 COMP
 Sample Location: 9300 MAIN ST., CLARENCE, NY

Date Collected: 04/25/19 12:40
 Date Received: 04/25/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D-SIM
 Analytical Date: 05/03/19 21:05
 Analyst: MA
 Percent Solids: 80%

Extraction Method: EPA 3570
 Extraction Date: 04/29/19 11:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ug/kg	9.53	2.43	1
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,4-Dioxane-d8	72			15-110		

Project Name: VISIONE TOPSOIL SAMPLE**Lab Number:** L1917086**Project Number:** 21.0056913.00**Report Date:** 05/06/19**SAMPLE RESULTS**

Lab ID: L1917086-06
 Client ID: VISIONE TOPSOIL 42519 PFAS
 Sample Location: 9300 MAIN ST., CLARENCE, NY

Date Collected: 04/25/19 12:45
 Date Received: 04/25/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 122,537(M)
 Analytical Date: 05/03/19 10:18
 Analyst: JW
 Percent Solids: 81%

Extraction Method: EPA 537(M)
 Extraction Date: 05/02/19 11:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.147	J	ug/kg	1.18	0.025	1
Perfluoropentanoic Acid (PFPeA)	0.086	J	ug/kg	1.18	0.012	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	1.18	0.075	1
Perfluorohexanoic Acid (PFHxA)	0.079	J	ug/kg	1.18	0.075	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	1.18	0.075	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	1.18	0.067	1
Perfluorooctanoic Acid (PFOA)	0.323	J	ug/kg	1.18	0.048	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	1.18	0.233	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	1.18	0.160	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	1.18	0.098	1
Perfluorooctanesulfonic Acid (PFOS)	0.543	J	ug/kg	1.18	0.142	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	1.18	0.085	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	1.18	0.323	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	1.18	0.121	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	1.18	0.066	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	1.18	0.114	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	1.18	0.120	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	1.18	0.106	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	1.18	0.101	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	1.18	0.073	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	1.18	0.082	1
PFOA/PFOS, Total	0.866	J	ug/kg	1.18	0.048	1

Project Name: VISIONE TOPSOIL SAMPLE**Lab Number:** L1917086**Project Number:** 21.0056913.00**Report Date:** 05/06/19**SAMPLE RESULTS**

Lab ID: L1917086-06
 Client ID: VISIONE TOPSOIL 42519 PFAS
 Sample Location: 9300 MAIN ST., CLARENCE, NY

Date Collected: 04/25/19 12:45
 Date Received: 04/25/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Surrogate (Extracted Internal Standard)	% Recovery			Qualifier	Acceptance Criteria	
Perfluoro[13C4]Butanoic Acid (MPFBA)	98				60-153	
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	104				65-182	
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	109				70-151	
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	103				61-147	
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	101				62-149	
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	115				63-166	
Perfluoro[13C8]Octanoic Acid (M8PFOA)	99				62-152	
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	91				32-182	
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	96				61-154	
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	96				65-151	
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	93				65-150	
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	78				25-186	
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	49				45-137	
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	101				64-158	
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	48				1-125	
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	40			Q	42-136	
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	75				56-148	
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	39				26-160	

Project Name: VISIONE TOPSOIL SAMPLE
Project Number: 21.0056913.00

Lab Number: L1917086
Report Date: 05/06/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 05/04/19 09:09
Analyst: MA

Extraction Method: EPA 3570
Extraction Date: 04/29/19 11:06

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270D-SIM - Mansfield Lab for sample(s): 05 Batch: WG1231432-1					
1,4-Dioxane	ND		ug/kg	8.00	2.04

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	74		15-110

Project Name: VISIONE TOPSOIL SAMPLE
Project Number: 21.0056913.00

Lab Number: L1917086
Report Date: 05/06/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 122,537(M)
Analytical Date: 05/03/19 10:34
Analyst: JW

Extraction Method: EPA 537(M)
Extraction Date: 05/02/19 11:29

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 06 Batch: WG1232861-1					
Perfluorobutanoic Acid (PFBA)	0.093	J	ug/kg	0.985	0.021
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.985	0.010
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.985	0.063
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	0.985	0.063
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.985	0.063
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.985	0.056
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	0.985	0.040
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.985	0.195
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.985	0.134
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.985	0.082
Perfluorooctanesulfonic Acid (PFOS)	ND		ug/kg	0.985	0.119
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.985	0.071
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.985	0.271
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.985	0.101
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.985	0.055
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.985	0.096
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.985	0.101
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.985	0.089
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.985	0.085
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.985	0.061
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.985	0.069
PFOA/PFOS, Total	ND		ug/kg	0.985	0.040

Project Name: VISIONE TOPSOIL SAMPLE
Project Number: 21.0056913.00

Lab Number: L1917086
Report Date: 05/06/19

Method Blank Analysis Batch Quality Control

Analytical Method: 122,537(M)
 Analytical Date: 05/03/19 10:34
 Analyst: JW

Extraction Method: EPA 537(M)
 Extraction Date: 05/02/19 11:29

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 06 Batch: WG1232861-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	108		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	113		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	123		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	109		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	107		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	131		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	106		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	103		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	105		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	116		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	106		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	91		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	72		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	110		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	103		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	66		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	94		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	48		26-160

Project Name: VISIONE TOPSOIL SAMPLE
Project Number: 21.0056913.00

Lab Number: L1917086
Report Date: 05/06/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/06/19 05:26
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 05/04/19 08:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1233582-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.

Project Name: VISIONE TOPSOIL SAMPLE
Project Number: 21.0056913.00

Lab Number: L1917086
Report Date: 05/06/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/06/19 05:26
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 05/04/19 08:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1233582-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: VISIONE TOPSOIL SAMPLE
Project Number: 21.0056913.00

Lab Number: L1917086
Report Date: 05/06/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 05/06/19 05:26
Analyst: ALS

Extraction Method: EPA 3546
Extraction Date: 05/04/19 08:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1233582-1					
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	109		10-136
4-Terphenyl-d14	100		18-120

Lab Control Sample Analysis Batch Quality Control

Project Name: VISIONE TOPSOIL SAMPLE

Lab Number: L1917086

Project Number: 21.0056913.00

Report Date: 05/06/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270D-SIM - Mansfield Lab Associated sample(s): 05 Batch: WG1231432-2 WG1231432-3								
1,4-Dioxane	101		102		40-140	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	97		69		15-110

Lab Control Sample Analysis **Batch Quality Control**

Project Name: VISIONE TOPSOIL SAMPLE

Project Number: 21.0056913.00

Lab Number: L1917086

Report Date: 05/06/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 06 Batch: WG1232861-2 WG1232861-3								
Perfluorobutanoic Acid (PFBA)	100		104		71-135	4		30
Perfluoropentanoic Acid (PFPeA)	97		102		69-132	5		30
Perfluorobutanesulfonic Acid (PFBS)	80		82		72-128	2		30
Perfluorohexanoic Acid (PFHxA)	104		109		70-132	5		30
Perfluoroheptanoic Acid (PFHpA)	97		100		71-131	3		30
Perfluorohexanesulfonic Acid (PFHxS)	91		84		67-130	8		30
Perfluorooctanoic Acid (PFOA)	96		95		69-133	1		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	104		100		64-140	4		30
Perfluoroheptanesulfonic Acid (PFHpS)	106		114		70-132	7		30
Perfluorononanoic Acid (PFNA)	103		106		72-129	3		30
Perfluorooctanesulfonic Acid (PFOS)	92		94		68-136	2		30
Perfluorodecanoic Acid (PFDA)	98		110		69-133	12		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	98		90		65-137	9		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	100		94		63-144	6		30
Perfluoroundecanoic Acid (PFUnA)	86		98		64-136	13		30
Perfluorodecanesulfonic Acid (PFDS)	90		108		59-134	18		30
Perfluorooctanesulfonamide (FOSA)	94		100		67-137	6		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	90		94		61-139	4		30
Perfluorododecanoic Acid (PFDoA)	92		96		69-135	4		30
Perfluorotridecanoic Acid (PFTrDA)	80		88		66-139	10		30
Perfluorotetradecanoic Acid (PFTA)	102		105		69-133	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: VISONE TOPSOIL SAMPLE

Lab Number: L1917086

Project Number: 21.0056913.00

Report Date: 05/06/19

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 06 Batch: WG1232861-2 WG1232861-3								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	106		107		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	111		113		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	129		125		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	111		110		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	108		107		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	134		135		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	108		109		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	110		109		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	106		105		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	111		106		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	109		102		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	93		99		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	79		81		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	117		111		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	115		105		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	71		71		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	90		89		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	54		49		26-160

Lab Control Sample Analysis Batch Quality Control

Project Name: VISONE TOPSOIL SAMPLE

Lab Number: L1917086

Project Number: 21.0056913.00

Report Date: 05/06/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1233582-2 WG1233582-3								
Acenaphthene	87		74		31-137	16		50
Hexachlorobenzene	105		88		40-140	18		50
Bis(2-chloroethyl)ether	74		64		40-140	14		50
2-Chloronaphthalene	94		78		40-140	19		50
3,3'-Dichlorobenzidine	64		57		40-140	12		50
2,4-Dinitrotoluene	107		88		40-132	19		50
2,6-Dinitrotoluene	106		90		40-140	16		50
Fluoranthene	103		86		40-140	18		50
4-Chlorophenyl phenyl ether	94		80		40-140	16		50
4-Bromophenyl phenyl ether	103		87		40-140	17		50
Bis(2-chloroisopropyl)ether	63		54		40-140	15		50
Bis(2-chloroethoxy)methane	84		70		40-117	18		50
Hexachlorobutadiene	88		76		40-140	15		50
Hexachlorocyclopentadiene	110		93		40-140	17		50
Hexachloroethane	77		68		40-140	12		50
Isophorone	91		77		40-140	17		50
Naphthalene	83		71		40-140	16		50
Nitrobenzene	87		74		40-140	16		50
NDPA/DPA	99		83		36-157	18		50
n-Nitrosodi-n-propylamine	88		75		32-121	16		50
Bis(2-ethylhexyl)phthalate	94		79		40-140	17		50
Butyl benzyl phthalate	104		88		40-140	17		50
Di-n-butylphthalate	114		95		40-140	18		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: VISIONE TOPSOIL SAMPLE

Lab Number: L1917086

Project Number: 21.0056913.00

Report Date: 05/06/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1233582-2 WG1233582-3								
Di-n-octylphthalate	106		89		40-140	17		50
Diethyl phthalate	100		83		40-140	19		50
Dimethyl phthalate	106		89		40-140	17		50
Benzo(a)anthracene	98		82		40-140	18		50
Benzo(a)pyrene	100		83		40-140	19		50
Benzo(b)fluoranthene	104		85		40-140	20		50
Benzo(k)fluoranthene	102		84		40-140	19		50
Chrysene	88		74		40-140	17		50
Acenaphthylene	103		87		40-140	17		50
Anthracene	97		81		40-140	18		50
Benzo(ghi)perylene	100		83		40-140	19		50
Fluorene	94		79		40-140	17		50
Phenanthrene	89		74		40-140	18		50
Dibenzo(a,h)anthracene	102		85		40-140	18		50
Indeno(1,2,3-cd)pyrene	90		75		40-140	18		50
Pyrene	99		85		35-142	15		50
Biphenyl	97		82		54-104	17		50
4-Chloroaniline	64		58		40-140	10		50
2-Nitroaniline	103		88		47-134	16		50
3-Nitroaniline	77		69		26-129	11		50
4-Nitroaniline	97		81		41-125	18		50
Dibenzofuran	90		76		40-140	17		50
2-Methylnaphthalene	91		76		40-140	18		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: VISIONE TOPSOIL SAMPLE

Project Number: 21.0056913.00

Lab Number: L1917086

Report Date: 05/06/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1233582-2 WG1233582-3								
1,2,4,5-Tetrachlorobenzene	98		83		40-117	17		50
Acetophenone	91		77		14-144	17		50
2,4,6-Trichlorophenol	119		99		30-130	18		50
p-Chloro-m-cresol	104	Q	86		26-103	19		50
2-Chlorophenol	87		73		25-102	18		50
2,4-Dichlorophenol	102		85		30-130	18		50
2,4-Dimethylphenol	95		80		30-130	17		50
2-Nitrophenol	100		85		30-130	16		50
4-Nitrophenol	99		81		11-114	20		50
2,4-Dinitrophenol	114		95		4-130	18		50
4,6-Dinitro-o-cresol	130		110		10-130	17		50
Pentachlorophenol	106		88		17-109	19		50
Phenol	83		70		26-90	17		50
2-Methylphenol	89		75		30-130	17		50
3-Methylphenol/4-Methylphenol	91		77		30-130	17		50
2,4,5-Trichlorophenol	113		94		30-130	18		50
Carbazole	96		82		54-128	16		50
Atrazine	114		96		40-140	17		50
Benzaldehyde	86		76		40-140	12		50
Caprolactam	98		84		15-130	15		50
2,3,4,6-Tetrachlorophenol	113		94		40-140	18		50

Lab Control Sample Analysis**Batch Quality Control****Project Name:** VISIONE TOPSOIL SAMPLE**Lab Number:** L1917086**Project Number:** 21.0056913.00**Report Date:** 05/06/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1233582-2 WG1233582-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	79		66		25-120
Phenol-d6	78		65		10-120
Nitrobenzene-d5	87		74		23-120
2-Fluorobiphenyl	91		76		30-120
2,4,6-Tribromophenol	116		94		10-136
4-Terphenyl-d14	100		83		18-120

PCBS

Project Name: VISIONE TOPSOIL SAMPLE**Lab Number:** L1917086**Project Number:** 21.0056913.00**Report Date:** 05/06/19**SAMPLE RESULTS**

Lab ID: L1917086-05
 Client ID: VISIONE TOPSOIL 42519 COMP
 Sample Location: 9300 MAIN ST., CLARENCE, NY

Date Collected: 04/25/19 12:40
 Date Received: 04/25/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 05/06/19 05:15
 Analyst: KB
 Percent Solids: 80%

Extraction Method: EPA 3546
 Extraction Date: 05/04/19 10:59
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/05/19
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/05/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.0	3.56	1	A
Aroclor 1221	ND		ug/kg	40.0	4.01	1	A
Aroclor 1232	ND		ug/kg	40.0	8.49	1	A
Aroclor 1242	ND		ug/kg	40.0	5.40	1	A
Aroclor 1248	ND		ug/kg	40.0	6.00	1	A
Aroclor 1254	ND		ug/kg	40.0	4.38	1	A
Aroclor 1260	ND		ug/kg	40.0	7.40	1	A
Aroclor 1262	ND		ug/kg	40.0	5.08	1	A
Aroclor 1268	ND		ug/kg	40.0	4.15	1	A
PCBs, Total	ND		ug/kg	40.0	3.56	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: VISIONE TOPSOIL SAMPLE
Project Number: 21.0056913.00

Lab Number: L1917086
Report Date: 05/06/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 05/06/19 07:08
Analyst: KB

Extraction Method: EPA 3546
Extraction Date: 05/04/19 10:59
Cleanup Method: EPA 3665A
Cleanup Date: 05/05/19
Cleanup Method: EPA 3660B
Cleanup Date: 05/05/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 05 Batch: WG1233632-1						
Aroclor 1016	ND		ug/kg	32.1	2.85	A
Aroclor 1221	ND		ug/kg	32.1	3.22	A
Aroclor 1232	ND		ug/kg	32.1	6.80	A
Aroclor 1242	ND		ug/kg	32.1	4.33	A
Aroclor 1248	ND		ug/kg	32.1	4.81	A
Aroclor 1254	ND		ug/kg	32.1	3.51	A
Aroclor 1260	ND		ug/kg	32.1	5.93	A
Aroclor 1262	ND		ug/kg	32.1	4.08	A
Aroclor 1268	ND		ug/kg	32.1	3.32	A
PCBs, Total	ND		ug/kg	32.1	2.85	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	86		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: VISIONE TOPSOIL SAMPLE

Lab Number: L1917086

Project Number: 21.0056913.00

Report Date: 05/06/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 05 Batch: WG1233632-2 WG1233632-3									
Aroclor 1016	73		76		40-140	4		50	A
Aroclor 1260	65		69		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		83		30-150	A
Decachlorobiphenyl	78		84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		85		30-150	B
Decachlorobiphenyl	86		91		30-150	B

PESTICIDES

Project Name: VISIONE TOPSOIL SAMPLE**Lab Number:** L1917086**Project Number:** 21.0056913.00**Report Date:** 05/06/19**SAMPLE RESULTS**

Lab ID: L1917086-05
 Client ID: VISIONE TOPSOIL 42519 COMP
 Sample Location: 9300 MAIN ST., CLARENCE, NY

Date Collected: 04/25/19 12:40
 Date Received: 04/25/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/06/19 11:05
 Analyst: KEG
 Percent Solids: 80%

Extraction Method: EPA 3546
 Extraction Date: 05/04/19 09:57
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/05/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.93	0.378	1	A
Lindane	ND		ug/kg	0.805	0.360	1	A
Alpha-BHC	ND		ug/kg	0.805	0.229	1	A
Beta-BHC	ND		ug/kg	1.93	0.733	1	A
Heptachlor	ND	IP	ug/kg	0.966	0.433	1	B
Aldrin	ND		ug/kg	1.93	0.680	1	A
Heptachlor epoxide	ND	IP	ug/kg	3.62	1.09	1	B
Endrin	ND		ug/kg	0.805	0.330	1	A
Endrin aldehyde	ND		ug/kg	2.42	0.846	1	A
Endrin ketone	ND		ug/kg	1.93	0.498	1	A
Dieldrin	2.67		ug/kg	1.21	0.604	1	A
4,4'-DDE	4.64	IP	ug/kg	1.93	0.447	1	B
4,4'-DDD	ND	IP	ug/kg	1.93	0.689	1	B
4,4'-DDT	5.98		ug/kg	3.62	1.55	1	A
Endosulfan I	ND		ug/kg	1.93	0.457	1	A
Endosulfan II	ND		ug/kg	1.93	0.646	1	A
Endosulfan sulfate	ND		ug/kg	0.805	0.383	1	A
Methoxychlor	ND		ug/kg	3.62	1.13	1	A
Toxaphene	ND		ug/kg	36.2	10.1	1	A
cis-Chlordane	6.74		ug/kg	2.42	0.673	1	A
trans-Chlordane	2.97	IP	ug/kg	2.42	0.638	1	A
Chlordane	ND		ug/kg	15.7	6.40	1	A

Project Name: VISIONE TOPSOIL SAMPLE**Lab Number:** L1917086**Project Number:** 21.0056913.00**Report Date:** 05/06/19**SAMPLE RESULTS****Lab ID:** L1917086-05**Date Collected:** 04/25/19 12:40**Client ID:** VISIONE TOPSOIL 42519 COMP**Date Received:** 04/25/19**Sample Location:** 9300 MAIN ST., CLARENCE, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	93		30-150	B
2,4,5,6-Tetrachloro-m-xylene	102		30-150	A
Decachlorobiphenyl	104		30-150	A

Project Name: VISIONE TOPSOIL SAMPLE
Project Number: 21.0056913.00

Lab Number: L1917086
Report Date: 05/06/19

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/06/19 09:36
Analyst: KEG

Extraction Method: EPA 3546
Extraction Date: 05/04/19 09:57
Cleanup Method: EPA 3620B
Cleanup Date: 05/05/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 05 Batch: WG1233607-1						
Delta-BHC	ND		ug/kg	1.57	0.307	A
Lindane	ND		ug/kg	0.654	0.292	A
Alpha-BHC	ND		ug/kg	0.654	0.186	A
Beta-BHC	ND		ug/kg	1.57	0.595	A
Heptachlor	ND		ug/kg	0.785	0.352	A
Aldrin	ND		ug/kg	1.57	0.553	A
Heptachlor epoxide	ND		ug/kg	2.94	0.883	A
Endrin	ND		ug/kg	0.654	0.268	A
Endrin aldehyde	ND		ug/kg	1.96	0.687	A
Endrin ketone	ND		ug/kg	1.57	0.404	A
Dieldrin	ND		ug/kg	0.981	0.490	A
4,4'-DDE	ND		ug/kg	1.57	0.363	A
4,4'-DDD	ND		ug/kg	1.57	0.560	A
4,4'-DDT	ND		ug/kg	2.94	1.26	A
Endosulfan I	ND		ug/kg	1.57	0.371	A
Endosulfan II	ND		ug/kg	1.57	0.524	A
Endosulfan sulfate	ND		ug/kg	0.654	0.311	A
Methoxychlor	ND		ug/kg	2.94	0.916	A
Toxaphene	ND		ug/kg	29.4	8.24	A
cis-Chlordane	ND		ug/kg	1.96	0.547	A
trans-Chlordane	ND		ug/kg	1.96	0.518	A
Chlordane	ND		ug/kg	12.8	5.20	A

Project Name: VISIONE TOPSOIL SAMPLE
Project Number: 21.0056913.00

Lab Number: L1917086
Report Date: 05/06/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 05/06/19 09:36
 Analyst: KEG

Extraction Method: EPA 3546
 Extraction Date: 05/04/19 09:57
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/05/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 05 Batch: WG1233607-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	107		30-150	B
2,4,5,6-Tetrachloro-m-xylene	104		30-150	A
Decachlorobiphenyl	115		30-150	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: VISIONE TOPSOIL SAMPLE

Lab Number: L1917086

Project Number: 21.0056913.00

Report Date: 05/06/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 05 Batch: WG1233607-2 WG1233607-3									
Delta-BHC	79		72		30-150	9		30	A
Lindane	78		72		30-150	8		30	A
Alpha-BHC	82		74		30-150	10		30	A
Beta-BHC	82		75		30-150	9		30	A
Heptachlor	110		102		30-150	8		30	A
Aldrin	89		80		30-150	11		30	A
Heptachlor epoxide	87		87		30-150	0		30	A
Endrin	89		80		30-150	11		30	A
Endrin aldehyde	66		55		30-150	18		30	A
Endrin ketone	82		72		30-150	13		30	A
Dieldrin	95		84		30-150	12		30	A
4,4'-DDE	94		83		30-150	12		30	A
4,4'-DDD	92		81		30-150	13		30	A
4,4'-DDT	95		84		30-150	12		30	A
Endosulfan I	86		78		30-150	10		30	A
Endosulfan II	88		78		30-150	12		30	A
Endosulfan sulfate	80		72		30-150	11		30	A
Methoxychlor	87		77		30-150	12		30	A
cis-Chlordane	82		74		30-150	10		30	A
trans-Chlordane	61		56		30-150	9		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: VISIONE TOPSOIL SAMPLE

Project Number: 21.0056913.00

Lab Number: L1917086

Report Date: 05/06/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 05 Batch: WG1233607-2 WG1233607-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		82		30-150	B
Decachlorobiphenyl	104		104		30-150	B
2,4,5,6-Tetrachloro-m-xylene	106		96		30-150	A
Decachlorobiphenyl	121		108		30-150	A

METALS

Project Name: VISIONE TOPSOIL SAMPLE**Lab Number:** L1917086**Project Number:** 21.0056913.00**Report Date:** 05/06/19**SAMPLE RESULTS**

Lab ID: L1917086-05

Date Collected: 04/25/19 12:40

Client ID: VISIONE TOPSOIL 42519 COMP

Date Received: 04/25/19

Sample Location: 9300 MAIN ST., CLARENCE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11700		mg/kg	9.80	2.64	2	04/30/19 19:28	05/02/19 02:06	EPA 3050B	1,6010D	LC
Antimony, Total	1.53	J	mg/kg	4.90	0.372	2	04/30/19 19:28	05/02/19 02:06	EPA 3050B	1,6010D	LC
Arsenic, Total	6.01		mg/kg	0.980	0.204	2	04/30/19 19:28	05/02/19 02:06	EPA 3050B	1,6010D	LC
Barium, Total	89.1		mg/kg	0.980	0.170	2	04/30/19 19:28	05/02/19 02:06	EPA 3050B	1,6010D	LC
Beryllium, Total	0.558		mg/kg	0.490	0.032	2	04/30/19 19:28	05/02/19 02:06	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.980	0.096	2	04/30/19 19:28	05/02/19 02:06	EPA 3050B	1,6010D	LC
Calcium, Total	14800		mg/kg	9.80	3.43	2	04/30/19 19:28	05/02/19 02:06	EPA 3050B	1,6010D	LC
Chromium, Total	18.0		mg/kg	0.980	0.094	2	04/30/19 19:28	05/02/19 02:06	EPA 3050B	1,6010D	LC
Cobalt, Total	7.92		mg/kg	1.96	0.163	2	04/30/19 19:28	05/02/19 02:06	EPA 3050B	1,6010D	LC
Copper, Total	29.7		mg/kg	0.980	0.253	2	04/30/19 19:28	05/02/19 02:06	EPA 3050B	1,6010D	LC
Iron, Total	19000		mg/kg	4.90	0.885	2	04/30/19 19:28	05/02/19 02:06	EPA 3050B	1,6010D	LC
Lead, Total	74.4		mg/kg	4.90	0.262	2	04/30/19 19:28	05/02/19 02:06	EPA 3050B	1,6010D	LC
Magnesium, Total	5420		mg/kg	9.80	1.51	2	04/30/19 19:28	05/02/19 02:06	EPA 3050B	1,6010D	LC
Manganese, Total	339		mg/kg	0.980	0.156	2	04/30/19 19:28	05/02/19 02:06	EPA 3050B	1,6010D	LC
Mercury, Total	0.116		mg/kg	0.080	0.017	1	04/27/19 07:00	05/02/19 02:46	EPA 7471B	1,7471B	EA
Nickel, Total	16.6		mg/kg	2.45	0.237	2	04/30/19 19:28	05/02/19 02:06	EPA 3050B	1,6010D	LC
Potassium, Total	913		mg/kg	245	14.1	2	04/30/19 19:28	05/02/19 02:06	EPA 3050B	1,6010D	LC
Selenium, Total	0.901	J	mg/kg	1.96	0.253	2	04/30/19 19:28	05/02/19 02:06	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.980	0.277	2	04/30/19 19:28	05/02/19 02:06	EPA 3050B	1,6010D	LC
Sodium, Total	57.0	J	mg/kg	196	3.09	2	04/30/19 19:28	05/02/19 02:06	EPA 3050B	1,6010D	LC
Thallium, Total	0.362	J	mg/kg	1.96	0.309	2	04/30/19 19:28	05/02/19 02:06	EPA 3050B	1,6010D	LC
Vanadium, Total	24.8		mg/kg	0.980	0.199	2	04/30/19 19:28	05/02/19 02:06	EPA 3050B	1,6010D	LC
Zinc, Total	88.3		mg/kg	4.90	0.287	2	04/30/19 19:28	05/02/19 02:06	EPA 3050B	1,6010D	LC



Project Name: VISIONE TOPSOIL SAMPLE
Project Number: 21.0056913.00

Lab Number: L1917086
Report Date: 05/06/19

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 05 Batch: WG1231013-1										
Mercury, Total	ND		mg/kg	0.083	0.018	1	04/27/19 07:00	05/01/19 23:25	1,7471B	EA

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 05 Batch: WG1232029-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	04/30/19 19:28	05/02/19 00:48	1,6010D	LC
Antimony, Total	ND		mg/kg	2.00	0.152	1	04/30/19 19:28	05/02/19 00:48	1,6010D	LC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	04/30/19 19:28	05/02/19 00:48	1,6010D	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	04/30/19 19:28	05/02/19 00:48	1,6010D	LC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	04/30/19 19:28	05/02/19 00:48	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	04/30/19 19:28	05/02/19 00:48	1,6010D	LC
Calcium, Total	ND		mg/kg	4.00	1.40	1	04/30/19 19:28	05/02/19 00:48	1,6010D	LC
Chromium, Total	ND		mg/kg	0.400	0.038	1	04/30/19 19:28	05/02/19 00:48	1,6010D	LC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	04/30/19 19:28	05/02/19 00:48	1,6010D	LC
Copper, Total	ND		mg/kg	0.400	0.103	1	04/30/19 19:28	05/02/19 00:48	1,6010D	LC
Iron, Total	ND		mg/kg	2.00	0.361	1	04/30/19 19:28	05/02/19 00:48	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	04/30/19 19:28	05/02/19 00:48	1,6010D	LC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	04/30/19 19:28	05/02/19 00:48	1,6010D	LC
Manganese, Total	ND		mg/kg	0.400	0.064	1	04/30/19 19:28	05/02/19 00:48	1,6010D	LC
Nickel, Total	ND		mg/kg	1.00	0.097	1	04/30/19 19:28	05/02/19 00:48	1,6010D	LC
Potassium, Total	ND		mg/kg	100	5.76	1	04/30/19 19:28	05/02/19 00:48	1,6010D	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	04/30/19 19:28	05/02/19 00:48	1,6010D	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	04/30/19 19:28	05/02/19 00:48	1,6010D	LC
Sodium, Total	ND		mg/kg	80.0	1.26	1	04/30/19 19:28	05/02/19 00:48	1,6010D	LC
Thallium, Total	ND		mg/kg	0.800	0.126	1	04/30/19 19:28	05/02/19 00:48	1,6010D	LC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	04/30/19 19:28	05/02/19 00:48	1,6010D	LC
Zinc, Total	ND		mg/kg	2.00	0.117	1	04/30/19 19:28	05/02/19 00:48	1,6010D	LC

Project Name: VISIONE TOPSOIL SAMPLE

Lab Number: L1917086

Project Number: 21.0056913.00

Report Date: 05/06/19

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: VISIONE TOPSOIL SAMPLE

Project Number: 21.0056913.00

Lab Number: L1917086

Report Date: 05/06/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 Batch: WG1231013-2 SRM Lot Number: D101-540								
Mercury, Total	100		-		65-135	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: VISIONE TOPSOIL SAMPLE

Project Number: 21.0056913.00

Lab Number: L1917086

Report Date: 05/06/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 Batch: WG1232029-2 SRM Lot Number: D101-540					
Aluminum, Total	72	-	50-151	-	
Antimony, Total	158	-	3-196	-	
Arsenic, Total	101	-	83-117	-	
Barium, Total	91	-	83-118	-	
Beryllium, Total	95	-	83-117	-	
Cadmium, Total	98	-	83-117	-	
Calcium, Total	86	-	81-119	-	
Chromium, Total	97	-	81-118	-	
Cobalt, Total	99	-	84-116	-	
Copper, Total	94	-	83-116	-	
Iron, Total	88	-	62-138	-	
Lead, Total	95	-	83-117	-	
Magnesium, Total	82	-	76-124	-	
Manganese, Total	91	-	82-118	-	
Nickel, Total	98	-	82-117	-	
Potassium, Total	83	-	71-130	-	
Selenium, Total	101	-	79-121	-	
Silver, Total	96	-	80-120	-	
Sodium, Total	88	-	72-127	-	
Thallium, Total	102	-	81-119	-	
Vanadium, Total	97	-	79-121	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: VISIONE TOPSOIL SAMPLE

Project Number: 21.0056913.00

Lab Number: L1917086

Report Date: 05/06/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 Batch: WG1232029-2 SRM Lot Number: D101-540					
Zinc, Total	97	-	81-119	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: VISIONE TOPSOIL SAMPLE

Lab Number: L1917086

Project Number: 21.0056913.00

Report Date: 05/06/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1231013-3 WG1231013-4 QC Sample: L1917065-01 Client ID: MS Sample												
Mercury, Total	ND	0.135	0.125	92		0.126	92		80-120	1		20

Matrix Spike Analysis

Batch Quality Control

Project Name: VISIONE TOPSOIL SAMPLE
Project Number: 21.0056913.00

Lab Number: L1917086
Report Date: 05/06/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1232029-3 WG1232029-4 QC Sample: L1917474-01 Client ID: MS Sample									
Aluminum, Total	778	164	1430	397	Q	1440	406	Q	75-125 1 20
Antimony, Total	ND	41	43.4	106		43.5	107		75-125 0 20
Arsenic, Total	0.292J	9.85	10.7	109		10.8	110		75-125 1 20
Barium, Total	4.49	164	181	108		180	108		75-125 1 20
Beryllium, Total	0.088J	4.1	4.83	118		4.73	116		75-125 2 20
Cadmium, Total	ND	4.18	4.30	103		4.29	103		75-125 0 20
Calcium, Total	62.8	821	893	101		898	102		75-125 1 20
Chromium, Total	1.20	16.4	18.8	107		19.0	109		75-125 1 20
Cobalt, Total	0.251J	41	40.8	99		40.7	100		75-125 0 20
Copper, Total	0.480	20.5	21.6	103		21.8	104		75-125 1 20
Iron, Total	1060	82.1	1210	183	Q	1250	233	Q	75-125 3 20
Lead, Total	1.69J	41.8	44.0	105		44.3	106		75-125 1 20
Magnesium, Total	56.9	821	991	114		980	113		75-125 1 20
Manganese, Total	4.79	41	47.4	104		47.8	105		75-125 1 20
Nickel, Total	0.606J	41	41.5	101		41.7	102		75-125 0 20
Potassium, Total	32.9J	821	947	115		944	116		75-125 0 20
Selenium, Total	ND	9.85	10.3	104		10.2	104		75-125 1 20
Silver, Total	ND	24.6	24.4	99		24.6	100		75-125 1 20
Sodium, Total	2.59J	821	910	111		906	111		75-125 0 20
Thallium, Total	ND	9.85	9.08	92		9.15	93		75-125 1 20
Vanadium, Total	1.62	41	45.5	107		45.4	107		75-125 0 20

Matrix Spike Analysis Batch Quality Control

Project Name: VISIONE TOPSOIL SAMPLE

Lab Number: L1917086

Project Number: 21.0056913.00

Report Date: 05/06/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1232029-3 WG1232029-4 QC Sample: L1917474-01 Client ID: MS Sample									
Zinc, Total	4.54	41	49.2	109	49.6	110	75-125	1	20

INORGANICS & MISCELLANEOUS

Project Name: VISIONE TOPSOIL SAMPLE**Project Number:** 21.0056913.00**Lab Number:** L1917086**Report Date:** 05/06/19**SAMPLE RESULTS****Lab ID:** L1917086-01**Client ID:** VISIONE TOPSOIL 42519 GRAB 1**Sample Location:** 9300 MAIN ST., CLARENCE, NY**Date Collected:** 04/25/19 12:30**Date Received:** 04/25/19**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.0		%	0.100	NA	1	-	04/27/19 02:23	121,2540G	YA



Project Name: VISIONE TOPSOIL SAMPLE

Lab Number: L1917086

Project Number: 21.0056913.00

Report Date: 05/06/19

SAMPLE RESULTS

Lab ID: L1917086-02

Date Collected: 04/25/19 12:30

Client ID: VISIONE TOPSOIL 42519 GRAB 2

Date Received: 04/25/19

Sample Location: 9300 MAIN ST., CLARENCE, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.7		%	0.100	NA	1	-	04/27/19 02:23	121,2540G	YA



Project Name: VISIONE TOPSOIL SAMPLE**Project Number:** 21.0056913.00**Lab Number:** L1917086**Report Date:** 05/06/19**SAMPLE RESULTS****Lab ID:** L1917086-03**Client ID:** VISIONE TOPSOIL 42519 GRAB 3**Sample Location:** 9300 MAIN ST., CLARENCE, NY**Date Collected:** 04/25/19 12:30**Date Received:** 04/25/19**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.2		%	0.100	NA	1	-	04/27/19 02:23	121,2540G	YA



Project Name: VISIONE TOPSOIL SAMPLE**Project Number:** 21.0056913.00**Lab Number:** L1917086**Report Date:** 05/06/19**SAMPLE RESULTS****Lab ID:** L1917086-04**Client ID:** VISIONE TOPSOIL 42519 GRAB 4**Sample Location:** 9300 MAIN ST., CLARENCE, NY**Date Collected:** 04/25/19 12:30**Date Received:** 04/25/19**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.8		%	0.100	NA	1	-	04/27/19 02:23	121,2540G	YA



Project Name: VISIONE TOPSOIL SAMPLE**Project Number:** 21.0056913.00**Lab Number:** L1917086**Report Date:** 05/06/19**SAMPLE RESULTS****Lab ID:** L1917086-05**Client ID:** VISIONE TOPSOIL 42519 COMP**Sample Location:** 9300 MAIN ST., CLARENCE, NY**Date Collected:** 04/25/19 12:40**Date Received:** 04/25/19**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.8		%	0.100	NA	1	-	04/26/19 21:06	121,2540G	YA



Project Name: VISIONE TOPSOIL SAMPLE**Project Number:** 21.0056913.00**Lab Number:** L1917086**Report Date:** 05/06/19**SAMPLE RESULTS****Lab ID:** L1917086-06**Client ID:** VISIONE TOPSOIL 42519 PFAS**Sample Location:** 9300 MAIN ST., CLARENCE, NY**Date Collected:** 04/25/19 12:45**Date Received:** 04/25/19**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	80.6		%	0.100	0.100	1	-	05/03/19 01:16	121,2540G	CC



Lab Duplicate Analysis *Batch Quality Control*

Project Name: VISIONE TOPSOIL SAMPLE
Project Number: 21.0056913.00

Lab Number: L1917086
Report Date: 05/06/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 05 QC Batch ID: WG1230924-1 QC Sample: L1917143-02 Client ID: DUP Sample						
Solids, Total	84.4	84.0	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1230961-1 QC Sample: L1917050-01 Client ID: DUP Sample						
Solids, Total	23.4	23.1	%	1		20
General Chemistry - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1233110-1 QC Sample: L1917086-06 Client ID: VISIONE TOPSOIL 42519 PFAS						
Solids, Total	80.6	80.0	%	1		10

Project Name: VISIONE TOPSOIL SAMPLE
Project Number: 21.0056913.00

Serial_No:05061920:09
Lab Number: L1917086
Report Date: 05/06/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler **Custody Seal**
A Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1917086-01A	Vial Large Septa unpreserved (4oz)	A	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L1917086-01B	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L1917086-01X	Vial MeOH preserved split	A	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L1917086-01Y	Vial Water preserved split	A	NA		3.6	Y	Absent	01-MAY-19 13:11	NYTCL-8260-R2(14)
L1917086-01Z	Vial Water preserved split	A	NA		3.6	Y	Absent	01-MAY-19 13:11	NYTCL-8260-R2(14)
L1917086-02A	Vial Large Septa unpreserved (4oz)	A	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L1917086-02B	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L1917086-02X	Vial MeOH preserved split	A	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L1917086-02Y	Vial Water preserved split	A	NA		3.6	Y	Absent	01-MAY-19 13:11	NYTCL-8260-R2(14)
L1917086-02Z	Vial Water preserved split	A	NA		3.6	Y	Absent	01-MAY-19 13:11	NYTCL-8260-R2(14)
L1917086-03A	Vial Large Septa unpreserved (4oz)	A	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L1917086-03B	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L1917086-03X	Vial MeOH preserved split	A	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L1917086-03Y	Vial Water preserved split	A	NA		3.6	Y	Absent	01-MAY-19 13:11	NYTCL-8260-R2(14)
L1917086-03Z	Vial Water preserved split	A	NA		3.6	Y	Absent	01-MAY-19 13:11	NYTCL-8260-R2(14)
L1917086-04A	Vial Large Septa unpreserved (4oz)	A	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L1917086-04B	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L1917086-04X	Vial MeOH preserved split	A	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L1917086-04Y	Vial Water preserved split	A	NA		3.6	Y	Absent	01-MAY-19 13:11	NYTCL-8260-R2(14)
L1917086-04Z	Vial Water preserved split	A	NA		3.6	Y	Absent	01-MAY-19 13:11	NYTCL-8260-R2(14)
L1917086-05A	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)

Project Name: VISIONE TOPSOIL SAMPLE
Project Number: 21.0056913.00

Serial_No: 05061920:09
Lab Number: L1917086
Report Date: 05/06/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1917086-05B	Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		A2-1,4-DIOXANE-SIM(14)
L1917086-05C	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(14)
L1917086-06A	Plastic 8oz unpreserved for Grain Size	A	NA		3.6	Y	Absent		A2-TS(7),A2-NY-537-ISOTOPE(28)

Project Name: VISIONE TOPSOIL SAMPLE
Project Number: 21.0056913.00

Lab Number: L1917086
Report Date: 05/06/19

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCS D	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers



Project Name: VISIONE TOPSOIL SAMPLE
Project Number: 21.0056913.00

Lab Number: L1917086
Report Date: 05/06/19

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers



Project Name: VISIONE TOPSOIL SAMPLE
Project Number: 21.0056913.00

Lab Number: L1917086
Report Date: 05/06/19

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 122 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS). EPA Method 537, EPA/600/R-08/092. Version 1.1, September 2009.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at its own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.

ID No.:17873

Facility: **Company-wide**

Revision 12

Department: **Quality Assurance**

Published Date: 10/9/2018 4:58:19 PM

Title: **Certificate/Approval Program Summary**

Page 1 of 1

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility**EPA 624/624.1:** m/p-xylene, o-xylene**EPA 8260C:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**EPA 6860:** SCM: Perchlorate**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.**Biological Tissue Matrix:** EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B****EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg. EPA 522.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193 Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 1 of 1		Date Rec'd in Lab 4/26/19		ALPHA Job # L1917086																																																																																																																																																													
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Client Information Client: GZA Address: 300 Pearl St Suite 700 Buffalo NY Phone: 716-844-7048 Fax: Email: James.Richert@GZA		Project Manager: JIM RICHERT ALPHAQuote #: 7913 Turn-Around Time: 1.0m Standard ☒ Rush (only if pre approved) ☐ Due Date: # of Days:		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:																																																																																																																																																															
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James Richert

From: Walia, Jaspal (DEC) <jaspal.walia@dec.ny.gov>
Sent: Friday, May 10, 2019 10:00 AM
To: James Richert
Cc: Staniszewski, Chad (DEC); Russell Kyte; Joe Marcello; Brad Packard; Bart Klettke; 'Anthony Raggi'
Subject: RE: Elim Site (part of the Holden Street) BCP Site # C915261- Request to Import Soil

Hi Jim,

We have reviewed your request dated May 8, 2019 to Import topsoil from a soil pile in the Town of Clarence, NY to Elim Townhomes Site (part of the 129 Holden Street Site (C915261)). Based upon the soil testing results, the reuse of topsoil from Clarence facility is acceptable.

Thanks,

Jaspal

From: James Richert <James.Richert@gza.com>
Sent: Wednesday, May 08, 2019 1:34 PM
To: Walia, Jaspal (DEC) <jaspal.walia@dec.ny.gov>
Cc: Staniszewski, Chad (DEC) <chad.staniszewski@dec.ny.gov>; Russell Kyte <russellk@cssconstruction.biz>; Joe Marcello <joem@cssconstruction.biz>; Brad Packard <bpackard@belmonthousingwny.org>; Bart Klettke <bart.klettke@gza.com>; 'Anthony Raggi' <Anthony@visoneco.com>
Subject: Elim Site (part of the Holden Street) BCP Site # C915261- Request to Import Soil

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hello Jaspal:

Please see attached Request to Import Soil to the Elim (Holden Street) BCP Site.

Let me know if you have any questions or concerns.

Thank you,

Jim

James J. Richert P.G.
Senior Project Manager
GZA | 300 Pearl Street, Suite 700 | Buffalo, NY 14202
o: 716.844-7048 | c: 716.341.4459 | james.richert@gza.com | www.gza.com | [LinkedIn](#)

GEOTECHNICAL | ENVIRONMENTAL | ECOLOGICAL | WATER | CONSTRUCTION MANAGEMENT



ATTACHMENT 3.3

9/30/19 Imported Stone Backfill Submittal

and

NYSDEC Approval on 10/1/19



Known for excellence.
Built on trust.

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ENVIRONMENTAL
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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

September 30, 2019
File No. 21.0056884.00

Mr. Jaspal Walia
New York State Department of Environmental Conservation
270 Michigan Street
Buffalo, New York 14203
Via email: jaspal.walia@dec.ny.gov

Re: Request to Import Stone Backfill
Elim Townhomes Site (part of the 129 Holden Street BCP Site (C915261)
Buffalo, New York 14094

Dear Jaspal:

On behalf of National Fuel Gas (NFG) and their gas pipeline installation contractor, ERSC, GZA GeoEnvironmental of New York (GZA) herein provides the Department the attached *Request to Import/Reuse Fill or Soil* form and supporting information relating to the Elim Townhomes, LLC (Elim) Site (a part of the 129 Holden Street BCP Site). GZA is providing environmental monitoring services to Elim through a contract with Belmont Housing Resources for WNY, Inc. (Belmont).

Appendix D (Excavation Work Plan), of the Holden Site Management Plan (SMP) states the following:

"All materials proposed for import onto the Site, either for use as clean soil cover or for use beneath the demarcation layer, will be approved by the qualified environmental professional and will be in compliance with provisions in this SMP prior to receipt at the Site. A Request to Import/Reuse Fill or Soil form which can be found at <http://www.....>, will be prepared and submitted to the NYSDEC Project Manager....."

As we discussed last week, NFG is in the process of installing a new underground gas service pipeline for the Elim development. This request applies to the natural crushed stone material that ERSC is using for backfill around the newly installed gas pipeline. The subject crushed stone is only being used at the bottom of the excavation around the pipe. The remainder of the trench is being backfilled with other stone or soil materials that have already been approved by NYSDEC for this purpose.

The pipeline is made of polyethylene and is 2-inches and 3-inches in diameter. To provide proper bedding of the pipeline, ERSC is using a relatively fine crushed rock as backfill around the pipe. The approximate location of the new gas pipeline is provided on the attached Figure 1. The new gas pipeline is about 1000 feet long and the estimated volume of the proposed stone bedding is approximately 55 cubic yards.



Please review the attached NYSDEC request form and related figure and letters from the rock quarry and advise if Department approval to use the proposed soil is granted.

Thank you for your assistance as Elim/Belmont continues redeveloping their portion of the Site in compliance with the Environmental Easement.

If you have questions or require additional information, 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.
Sr. Project Manager

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

Bart A. Klettke, P.E.
Principal

Attachments:

- A Completed NYSDEC Form – “Request to Import/Reuse Fill or Soil”
- B Figure 1
- C Letters from Rock Quarry

CC: Chad Staniszewski (NYSDEC)
Brad Packard (Belmont)



ATTACHMENT A

Completed NYSDEC Form – “*Request to Import/Reuse Fill or Soil*”



**NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**



Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e). Use of this form is not a substitute for reading the applicable Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is:

Have Ecological Resources been identified?

Is this soil originating from the site?

How many cubic yards of soil will be imported/reused?

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone?

Does it contain less than 10%, by weight, material that would pass a size 80 sieve?

Is this virgin material from a permitted mine or quarry?

Is this material recycled concrete or brick from a DEC registered processing facility?

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

No chemical testing. The subject material meets requirements of DER-10 Section 5.5 "Other Material".

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

N/A

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Curt Resetarits - V.P. Sales

Location where fill was obtained:

New Enterprise Stone & Lime Co. quarry on Wehrle Drive, Lancaster, New York.

Identification of any state or local approvals as a fill source:

NYSDOT approved source # 5-3R.

If no approvals are available, provide a brief history of the use of the property that is the fill source:

See attached letter from New Enterprise Stone & Lime Co. dated September 19, 2019.

Provide a list of supporting documentation included with this request:

Letter from New Enterprise Stone and Lime Co. dated 9.19.19.
GZA cover letter with Figure 1 showing location of gas pipeline.

The information provided on this form is accurate and complete.

Curt P. Reseta
Signature

9/27/19
Date

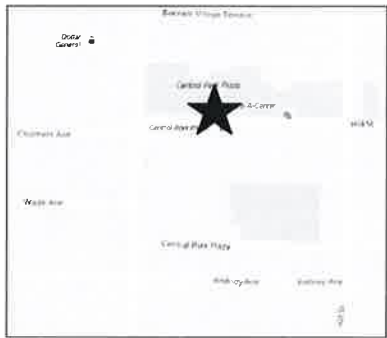
Curt P. Reseta
Print Name

New Enterprise Stone & Lime Co. Inc.
Firm



ATTACHMENT B

Figure 1



PROJECT LOCATION MAP
NOT TO SCALE

SURVEYORS CERTIFICATION:

HIGHLAND PARK VILLAGE, LLC, CITY OF BUFFALO AND CHICAGO TITLE INSURANCE COMPANY, THIS IS TO CERTIFY THAT THIS MAP AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2016 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 2, 4, 6(a), 7(a), 8, 9, 13, 14, 16, 17 AND 18 OF TABLE A THEREOF.

THE FIELD WORK WAS COMPLETED ON 5/18/2018.
DATE OF MAP: 6/11/2018.

CHRISTOPHER J. SCOTT
LAND SURVEYOR
LICENSE NUMBER 050708

GENERAL NOTES:

-HORIZONTAL DATUM IS REFERENCED TO THE NORTH AMERICAN DATUM OF 1983, NEW YORK STATE PLANE COORDINATE SYSTEM, WESTERN ZONE, US SURVEY FEET, ESTABLISHED ON A SITE WITH GPS USING THE NYS DOT REAL TIME NETWORK (NYSNET RTN).

-THERE IS NO PHYSICAL ADDRESS FOR THE PROPERTY SURVEYED.

-NO BUILDINGS PRESENT AT TIME OF SURVEY.

-NO PARKING LOT OR EVIDENCE OF PARKING LOT AT TIME OF SURVEY.

-THE PROPERTY HAS DIRECT PHYSICAL ACCESS TO HOLDEN AVENUE AND HILL STREET

-THE PROPERTY IS ZONED AS GENERAL COMMERCIAL DISTRICT

-ALL UTILITIES SHOWN ARE FROM PHYSICAL FIELD EVIDENCE AT TIME OF SURVEY.

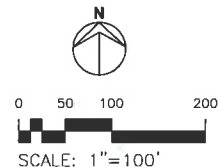
-EVIDENCE OF EARTH MOVING WORK, BUILDING CONSTRUCTION, OR BUILDING ADDITIONS AT TIME OF SURVEY.

-NO OBSERVED EVIDENCE OF WETLAND DELINEATION-NO OBSERVED EVIDENCE OF THE SITE BEING USED AS A SOLID WASTE DUMP, SUMP OR SANITARY LANDFILL.

-SUBJECT TO ENVIRONMENTAL EASEMENT SITE NUMBER C915261 BROWNFIELD CLEANUP AGREEMENT INDEX NUMBER C915261-01-12, FILED IN THE ERIE COUNTY CLERK'S OFFICE IN LIBER 11286 OF DEEDS AT PAGE 1863.

-TOTAL AREA SURVEYED ±1.54 ACRES.

-CHICAGO TITLE INSURANCE COMPANY COMMITMENT FOR TITLE INSURANCE NUMBER 1713-04306, EFFECTIVE DATE 10/20/2017.



SCHEDULE-A: CHICAGO TITLE INSURANCE COMPANY COMMITMENT FOR TITLE INSURANCE NO. 1713-04306

SURVEYORS DESCRIPTION:

ALL THAT TRACT OR PARCEL OF LAND, SITUATE IN THE CITY OF BUFFALO, COUNTY OF ERIE AND STATE OF NEW YORK, BEING PART OF LOT 44, TOWNSHIP 11, RANGE 8 OF THE HOLLAND LAND COMPANY'S SURVEY AND MORE PARTICULARLY BOUNDED AND DESCRIBED AS FOLLOWS:

BEGINNING AT THE INTERSECTION OF THE EAST LINE OF HOLDEN AVENUE, BEING 60.0 FEET WIDE WITH THE NORTH LINE OF LANDS CONVEYED TO STRICKLER DEVELOPMENT GROUP, LLC (ALSO KNOWN AS HIGHLAND PARK VILLAGE, LLC) BY LIBER 11223 OF DEEDS AT PAGE 6312;

THENCE S 88°-48'-46" E ALONG THE NORTH LINE OF SAID CONVEYED TO STRICKLER DEVELOPMENT GROUP, LLC, A DISTANCE OF 836.44 FEET TO A POINT;

THENCE S 01°-11'-14" W AT RIGHT ANGLES TO THE LAST DESCRIBED LINE, A DISTANCE OF 108.50 FEET TO A POINT;

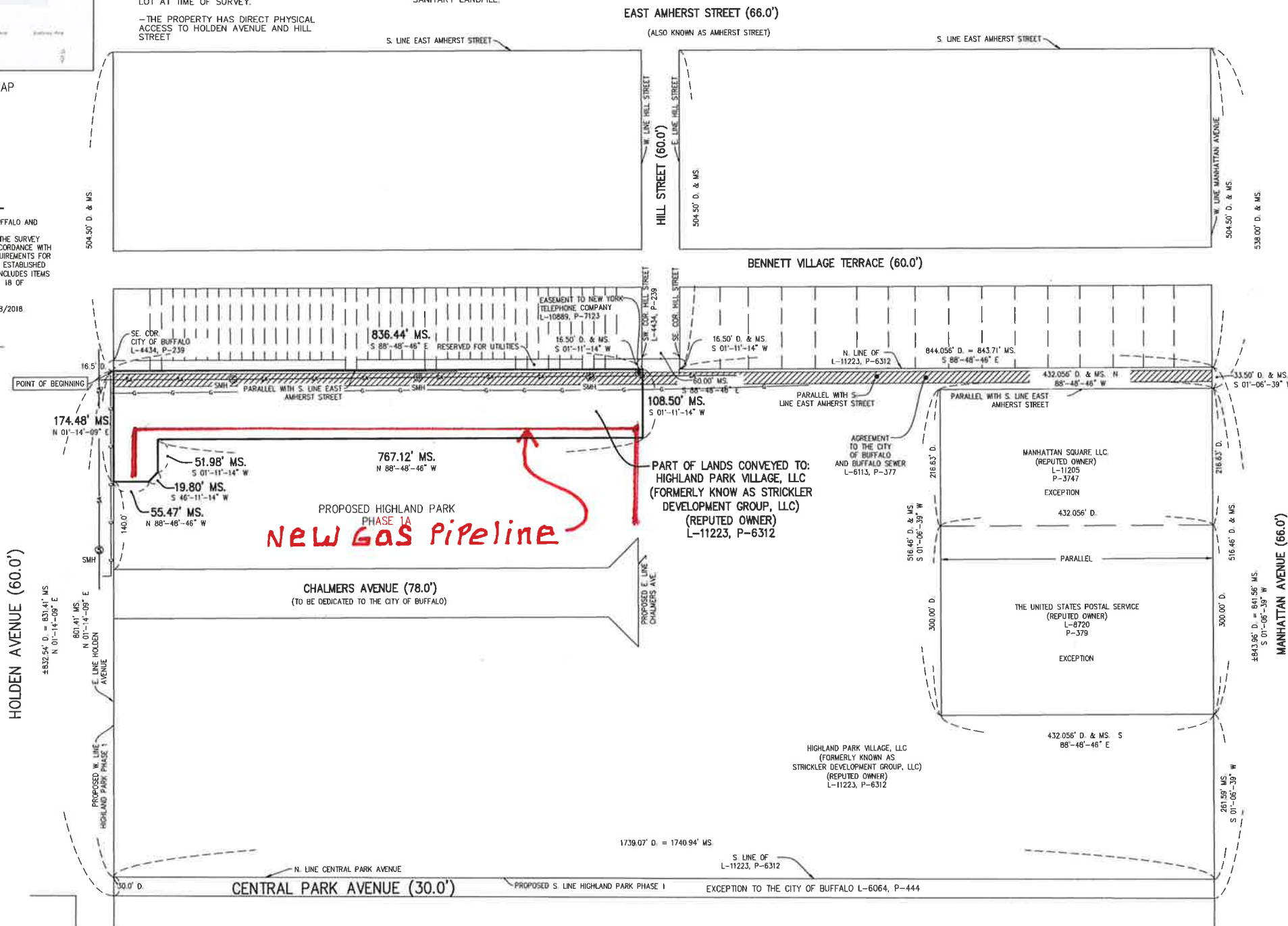
THENCE N 88°-48'-46" W PARALLEL WITH THE NORTH LINE OF SAID LANDS CONVEYED TO STRICKLER DEVELOPMENT GROUP, LLC A DISTANCE OF 767.12 FEET TO A POINT;

THENCE S 01°-11'-14" W AT RIGHT ANGLES TO THE LAST DESCRIBED LINE, A DISTANCE OF 51.98 FEET TO A POINT;

THENCE S 46°-11'-14" W ALONG A LINE, A DISTANCE OF 19.80 FEET TO A POINT;

THENCE N 88°-48'-46" PARALLEL WITH THE NORTH LINE OF SAID LANDS CONVEYED TO STRICKLER DEVELOPMENT GROUP, LLC A DISTANCE OF 55.47 FEET TO A POINT ON THE EAST LINE OF SAID HOLDEN AVENUE;

THENCE N 01°-14'-09" E ALONG THE EAST LINE OF SAID HOLDEN AVENUE A DISTANCE OF 174.48 FEET TO THE POINT OF BEGINNING, CONTAINING 2.19 ACRES OF LAND, MORE OR LESS.



SCHEDULE-B: CHICAGO TITLE INSURANCE COMPANY COMMITMENT FOR TITLE INSURANCE NO. 1713-04306

LEGEND:

BIT. = BITUMINOUS
CONC. = CONCRETE
D. = DEED
DS = DRAINAGE STRUCTURE
DSMH = DRAINAGE STRUCTURE MANHOLE
E. = EAST
HYD. = HYDRANT
L. = LIBER
MS. = MEASURED

N. = NORTH
P. = PAGE
PE = PAVEMENT EDGE
S. = SOUTH
SMH = SANITARY MANHOLE
W. = WEST
WV = WATER VALVE
O. = LIGHT POLE

—ST— = STORM LINE
—SA— = SANITARY SEWER LINE

12. AGREEMENT BETWEEN CENTRAL PARK SHOPPING CENTER, INC. WITH THE CITY OF BUFFALO AND BUFFALO SEWER AUTHORITY DATED DECEMBER 11, 1956 AND RECORDED DECEMBER 11, 1956 IN THE ERIE COUNTY CLERK'S OFFICE IN LIBER 8113 OF DEEDS AT PAGE 377. SHOWN HEREON, DOES NOT APPEAR TO IMPACT PREMISES.
16. RIGHT-OF-WAY MADE BY CENTRAL PARK SHOPPING CENTER TO IROQUOIS GAS CORPORATION DATED FEBRUARY 21, 1957 AND RECORDED MARCH 7, 1957 IN THE ERIE COUNTY CLERK'S OFFICE IN LIBER 8137 OF DEEDS AT PAGE 197. UNABLE TO PLOT.
18. EASEMENT BY CENTRAL PARK SHOPPING CENTER TO NEW YORK TELEPHONE COMPANY DATED JULY 11, 1957 AND RECORDED OCTOBER 1, 1957 IN THE ERIE COUNTY CLERK'S OFFICE IN LIBER 9224 OF DEEDS AT PAGE 325. UNABLE TO PLOT.
26. EASEMENT FROM CENTRAL PARK SHOPPING CENTER, INC. TO S.D.I. CENTRAL PARK, INC. DATED OCTOBER 11, 1967 AND RECORDED OCTOBER 13, 1967 IN THE ERIE COUNTY CLERK'S OFFICE IN LIBER 7404 OF DEEDS AT PAGE 421. UNABLE TO PLOT.

81. EASEMENT FROM CENTRAL PARK PLAZA ASSOCIATES TO NEW YORK TELEPHONE COMPANY DATED JUNE 8, 1995 AND RECORDED AUGUST 14, 1995 IN THE ERIE COUNTY CLERK'S OFFICE IN LIBER 10889 OF DEEDS AT PAGE 7123. SHOWN HEREON, DOES NOT APPEAR TO IMPACT PREMISES.
64. EASEMENT FROM CENTRAL PARK PLAZA ASSOCIATES TO NIAGARA MOHAWK POWER CORPORATION DATED DECEMBER 6, 2004 AND RECORDED FEBRUARY 7, 2005 IN THE ERIE COUNTY CLERK'S OFFICE IN LIBER 11090 OF DEEDS AT PAGE 5134. UNABLE TO PLOT.
- EASEMENT FROM HIGHLAND PARK VILLAGE, LLC TO NIAGARA MOHAWK POWER CORP. & VERIZON NEW YORK, INC. DATED MAY 16TH, 2018 AND RECORDED JUNE 5, 2018 IN THE ERIE COUNTY CLERK'S OFFICE IN LIBER 11330 OF DEEDS AT PAGE 3494. DOES NOT APPEAR TO IMPACT PREMISES.

-MAP REFERENCE: PROPOSED HIGHLAND PARK PHASE 1 SUBDIVISION PREPARED BY WENDEL DATED 5/20/2015

-TAX IDENTIFICATION No.:

NOTE:
ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MAP MARKED WITH THE SIGNATURE AND AN ORIGINAL OF THE LAND SURVEYOR'S SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES

NOTE:
UNAUTHORIZED ALTERATION OR ADDITION TO ANY SURVEY DRAWING, DESIGN, SPECIFICATION, PLAN OR REPORT IS A VIOLATION OF SECTION 7209, PROVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

ALTA/NSPS LAND TITLE SURVEY

CITY OF BUFFALO
ERIE COUNTY, NEW YORK

BEING PART OF
LOT 44
TOWNSHIP 11
RANGE 8
OF THE HOLLAND LAND
COMPANY'S SURVEY



Centerpointe Corporate Park
375 Essjay Road, Suite 200
Williamsville, NY 14221

www.wendelcompanies.com

p716.688.0766 f716.625.6825

Wendel WD Architecture, Engineering, Surveying and
Landscapes Architecture, P.C.

PROGRESS
PRINT
JULY 3, 2018
NOT FOR CONSTRUCTION

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NO.	REVISIONS	DATE

DATE: 5/18/2018

SCALE: 1"=80'

DWN: DTH

CHK: GJS

PROJ. No. 3247208

DWG. No.

ELIM PROPERTY
Fig #1

SCALE BAR
SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING.
IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY.

DATE: 5/18/2018

SCALE: 1"=80'

DWN: DTH

CHK: GJS

PROJ. No. 3247208

DWG. No.

V-101



ATTACHMENT C

Letter from Rock Quarry



NEW ENTERPRISE STONE & LIME CO., INC.

500 Como Park Boulevard • Buffalo NY 14227

Office: (716) 826-7310

Fax: (716) 826-1342

Dispatch: (716) 566-9690

September 19, 2019

James Richert
GZA- GeoEnvironmental
300 Pearl Street
Suite 700
Buffalo, NY 14202

Re: 2019 Gas Project

Dear James:

We certify the aggregates we supply on the subject project meet the New York State Department of Transportation Specification and Gradations as follows:

Screenings	
<u>Sieve Size</u>	<u>Percent Passing</u>
1/2"	100
1/4"	90-100
No. 200	0-10

Our New York State Source Number at our Wehrle Drive location is 5-3R.

We trust this meets with your approval.

Sincerely,

A handwritten signature in blue ink that reads "Curt P. Resetarits".

Curt Resetarits
Vice President, Sales

CR: DJ



NEW ENTERPRISE STONE & LIME CO., INC.

500 Como Park Boulevard • Buffalo NY 14227

Office: (716) 826-7310

Fax: (716) 826-1342

Dispatch: (716) 566-9690

September 19, 2019

Mr. James J. Richert P.G.

GZA

300 Pearl Street

Suite 700

Buffalo, NY 14202

Re: 2019 Gas Project- Brownfield Site

Dear James,

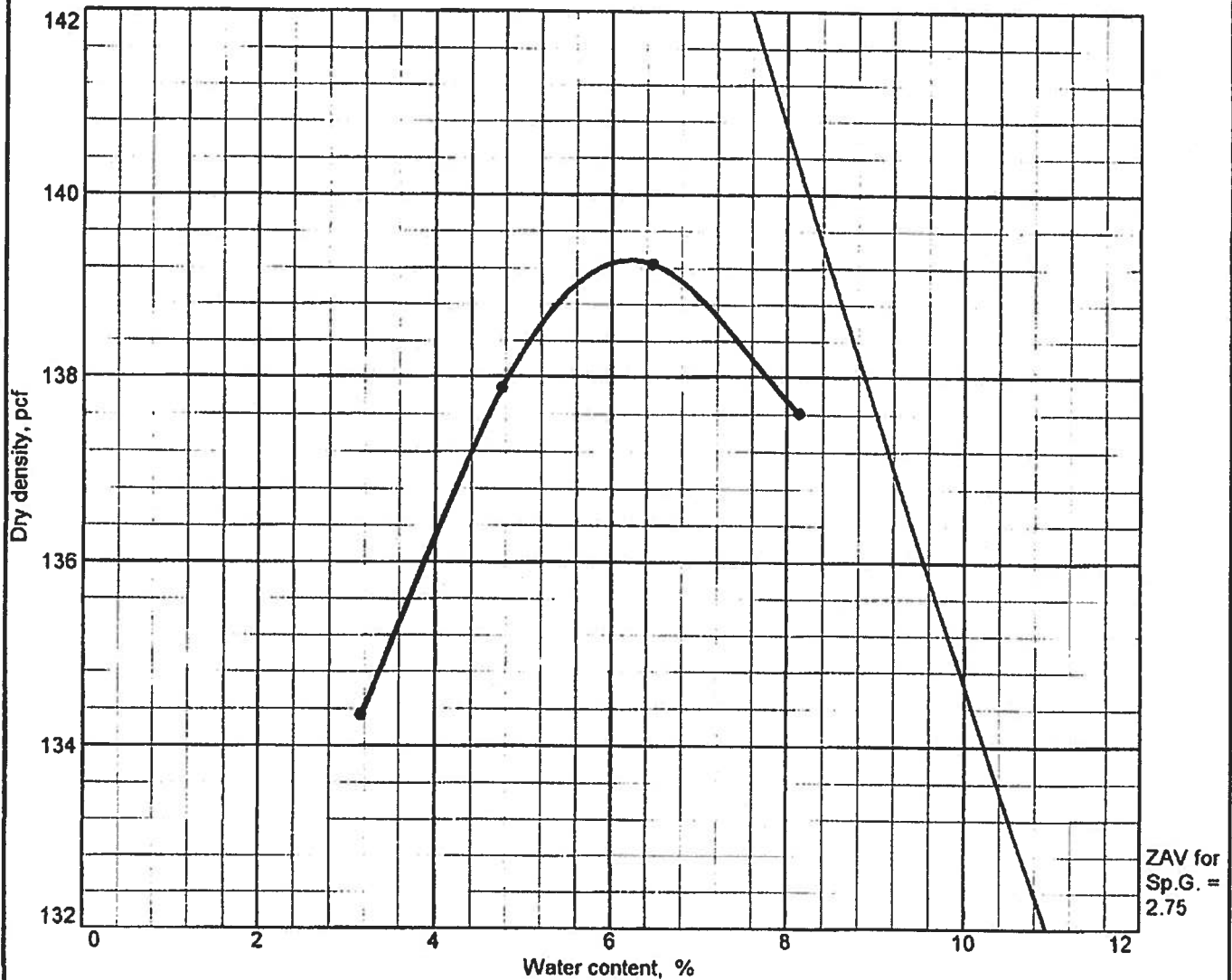
The -2" Crusher Run Limestone & Stone Screenings materials to be supplied to the above referenced project was extracted, crushed, and screened at our Lancaster, NY facility. The material is produced from a virgin stone source, un-impacted by hazardous materials or contaminants and free of loam, organic matter including clay. The Quarry is a NYSDOT approved source; the source number is 5-3R.

Sincerely,

Curt Resetarits

Vice President, Sales

COMPACTION TEST REPORT - MANUAL RAMMER



Test specification: ASTM D 1557-12 Procedure C Modified
 Oversize correction applied to each point

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > 3/4 in.	% < No.200
	USCS	AASHTO						
				2.65			15.2	4.9

ROCK CORRECTED TEST RESULTS		MATERIAL DESCRIPTION
Maximum dry density = 139.3 pcf Optimum moisture = 6.2 %		2" ROC STONE
Project No. BT-17-019 Client: NEW ENTERPRISE STONE & LIME INC. Project: MATERIALS TESTING: NEW ENTERPRISE STONE & LIME ● Location: WEHRLE DRIVE PLANT		Remarks: LTR-6 SAMPLE NUMBER: 19-220
COMPACTION TEST REPORT - MANUAL RAMMER SJB SERVICES, INC.		Plate

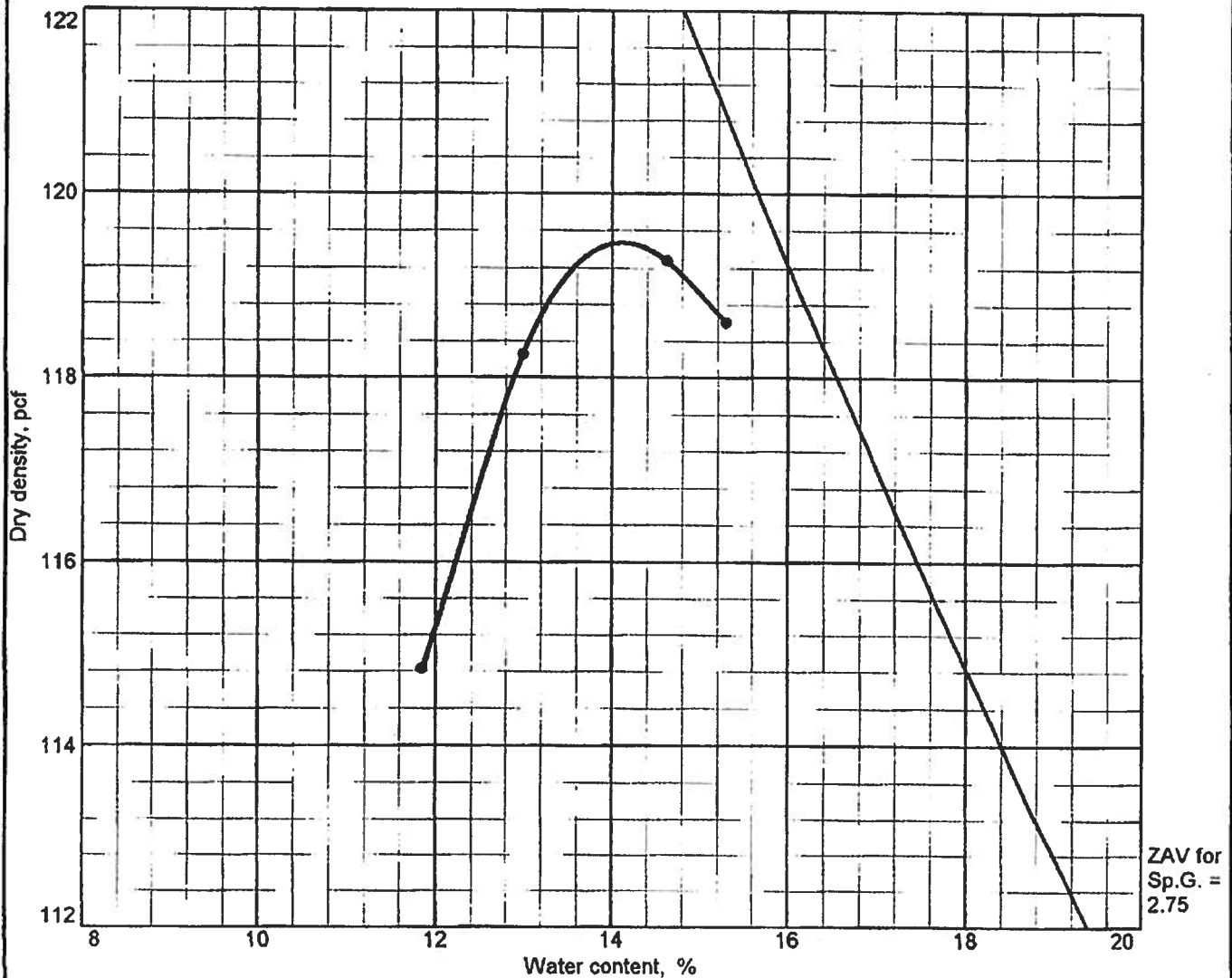
The graph shows a grain size distribution curve for a sample of sand. The Y-axis represents the Percent Finer, ranging from 0 to 100. The X-axis represents the Grain Size in mm, on a logarithmic scale from 500 to 0.075. The curve is a smooth, continuous line that starts at 100% finer for a grain size of 4.75 mm and decreases to approximately 5% finer for a grain size of 0.075 mm.

Grain Size (mm)	Percent Finer (%)
4.75	100
2.5	100
1.5	100
1.0	98
0.75	90
0.6	58
0.5	48
0.425	38
0.375	32
0.3	19
0.25	11
0.2	8
0.15	6
0.125	5
0.1	4
0.075	3

<u>Soil Description</u>		
2" ROC STONE		
<u>Atterberg Limits</u>		
PL=	LL=	PI=
<u>Coefficients</u>		
D ₈₅ = 19.1	D ₆₀ = 13.1	D ₅₀ = 10.5
D ₃₀ = 4.29	D ₁₅ = 1.48	D ₁₀ = 0.791
C _u = 16.57	C _c = 1.77	
<u>Classification</u>		
USCS=	AASHTO=	
<u>Remarks</u>		
LTR-6		
SAMPLED BY: NESL		
DATE RECEIVED: 3-12-2019		

Client: NEW ENTERPRISE STONE & LIME INC.
Project: MATERIALS TESTING: NEW ENTERPRISE STONE & LIME
Project No: BT-17-019 **Plate**

COMPACTION TEST REPORT - MANUAL RAMMER



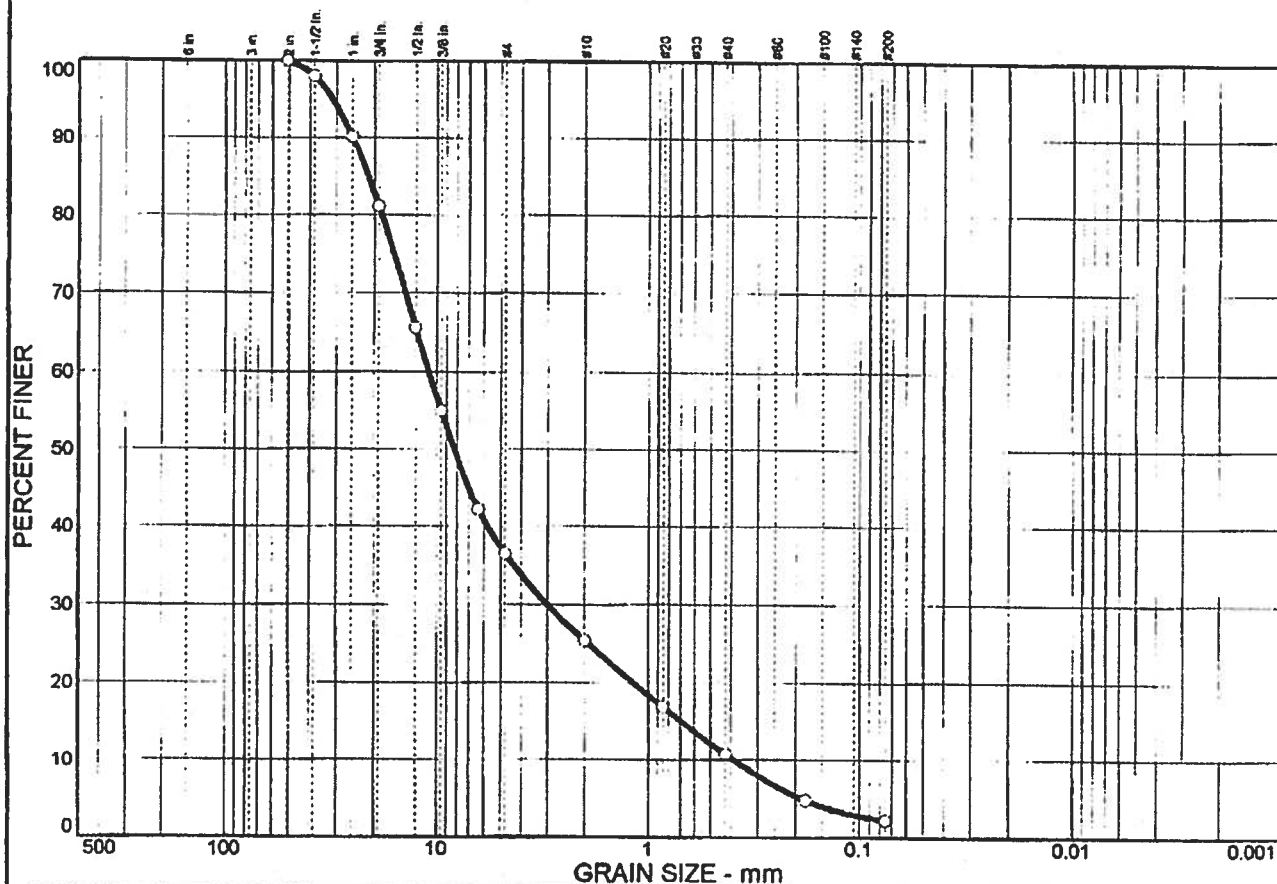
Test specification: ASTM D 1557-12 Procedure C Modified
Oversize correction applied to each point

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > 3/4 in.	% < No.200
	USCS	AASHTO						
				2.65			18.9	2.2

ROCK CORRECTED TEST RESULTS		MATERIAL DESCRIPTION
Maximum dry density = 119.5 pcf Optimum moisture = 14.1 %		2" RECYCLED CRUSHED CONCRETE
Project No. BT-17-019 Client: NEW ENTERPRISE STONE & LIME INC. Project: MATERIALS TESTING: NEW ENTERPRISE STONE & LIME ● Location: WOODLAWN PLANT		Remarks: LTR-7 SAMPLE NUMBER: 19-221
COMPACTION TEST REPORT - MANUAL RAMMER SJB SERVICES, INC.		Plate

Plate

Particle Size Distribution Report ASTM D-422 / ASTM D-1140



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	63.5	34.3	2.2	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
2 in.	100.0		
1.5 in.	98.0		
1 in.	90.1		
3/4 in.	81.1		
3/8 in.	65.6		
20 mesh	55.0		
30 mesh	42.2		
40 mesh	36.5		
60 mesh	25.4		
100 mesh	16.8		
200 mesh	10.7		
400 mesh	4.8		
600 mesh	2.2		

(no specification provided)

Soil Description
2" RECYCLED CRUSHED CONCRETE

Atterberg Limits
PL= LL= PI=

Coefficients
D₈₅= 21.4 D₆₀= 10.9 D₅₀= 8.25
D₃₀= 3.00 D₁₅= 0.699 D₁₀= 0.390
C_u= 28.04 C_c= 2.10

Classification
USCS= AASHTO=

Remarks
LIR-7
SAMPLED BY: NESL
DATE RECEIVED: 3-12-2019

Sample No.: 19-221

Source of Sample: NEW ENTERPRISE STONE & LIME

Date: 3-26-2019

Location: WOODLAWN PLANT

Elev./Depth:

**SJB
SERVICES, INC.**

Client: NEW ENTERPRISE STONE & LIME INC.

Project: MATERIALS TESTING: NEW ENTERPRISE STONE & LIME

Project No: BT-17-019

Plate

James Richert

From: Walia, Jaspal (DEC) <jaspal.walia@dec.ny.gov>
Sent: Tuesday, October 1, 2019 11:29 AM
To: James Richert
Cc: Staniszewski, Chad (DEC); Brad Packard; Bart Klettke
Subject: RE: Elim (a part of 129 Holden Street) BCP Site C915261 - Request to import crushed Stone

Jim,

I have reviewed your request dated 9/30/19 to import crushed stone from New Enterprise Stone & Lime Co. quarry on Wehrle Dr., Lancaster, NY to Elim Townhomes site [part of 129 Holden Street Site (C915261)]. This material is acceptable to be used as backfill at the site.

Thanks,

Jaspal

From: James Richert <James.Richert@gza.com>
Sent: Monday, September 30, 2019 3:06 PM
To: Walia, Jaspal (DEC) <jaspal.walia@dec.ny.gov>
Cc: Staniszewski, Chad (DEC) <chad.staniszewski@dec.ny.gov>; Brad Packard <bpackard@belmonthousingwny.org>; Bart Klettke <bart.klettke@gza.com>
Subject: Elim (a part of 129 Holden Street) BCP Site C915261 - Request to import crushed Stone

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Jaspal, as discussed, please see attached request for approval of imported stone backfill to the Elim Site.

Thank you,

Jim

James J. Richert P.G.
Senior Project Manager
GZA | 300 Pearl Street, Suite 700 | Buffalo, NY 14202
o: 716.844.7048 | c: 716.341.4459 | james.richert@gza.com | www.gza.com | [LinkedIn](#)

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GZA GeoEnvironmental of New York



ATTACHMENT II

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 3, 2020	Inspection Time: 1530 to 1630 hrs
Weather Conditions: breezy, overcast ~45 degrees F., W/SW winds 15 mph.	
REASON FOR SITE INSPECTION	
Type of Inspection ☒ Annual ☐ Routine Maintenance Inspection ☐ Non-Routine Inspection	
Inspection after a Severe Condition that could effect Site controls ☐ Yes ☒ 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>)	
☐ Industrial ☐ Commercial ☒ Residential ☐ Other	
Briefly describe observed site uses: Since last years inspection the Elim redevelopment project was completed. See Photolog and Progress Report. Site cover system was managed properly during Elim Site work. No significant erosion or damage to cover system observed during 2/3/2020 Inspection.	
DESCRIPTION OF ENGINEERING CONTROLS	
Are the Engineering Controls still in place: ☒ Yes ☒ No	
If No, explain:	
Is the Site Management Plan still in place: ☒ Yes ☐ 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. Two areas of trash dumping noted. Owner notified and will remove.	

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

INTRUSIVE ACTIVITIES PERFORMED AT SITE DURING INSPECTION PERIOD

Location: Elim redevelopment at NW corner of the Site.

Date: January to October of 2019.

Description of activities being performed:

Elim affordable housing development construction completed- See photo log and progress report.

Are Site records being properly generated and maintained ☒ Yes

☐ No

Provide a summary of recordkeeping review and adequacy:

Elim Progress Report was submitted to NYSDEC and is attached to the 2020 PRR.

No other relevant records to report this period.

ADDITIONAL NOTES & COMMENTS

The Site redevelopment plan involves multiple phases of re-establishment of streets and utilities along with the planned residential structures. The second (Elim) phase of construction was completed in 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 3, 2020



ATTACHMENT III

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: 2-3-20		
Direction Photo Taken: East			
Description: Eastward lane of Chalmers Ave.			

Photo No. 2	Date: 2-3-20	
Direction Photo Taken: Southwest		
Description: Southwestern quadrant of the Site.		



Photographic Log

Client Name: Highland Park Village LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 3	Date: 2-3-20		
Direction Photo Taken: East			
Description: West half of southern side of Site.			

Photo No. 4	Date: 2-3-20		
Direction Photo Taken: East			
Description: Central portion of Site at southern side, west of Hill Street. Covered piles of subsurface soils left over from the Elim site development.			



Photographic Log

Client Name: Highland Park Village LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 5	Date: 2-3-20		
Direction Photo Taken: East			
Description: Eastern end of south property boundary, east of Hill Street.			

Photo No. 6	Date: 2-3-20	
Direction Photo Taken: Southeast		
Description: Household debris and scrap auto tires on site along the eastern side of the south site boundary at Marigold Ave.		



Photographic Log

Client Name: Highland Park Village LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 7	Date: 2-3-20	 A photograph showing a pile of household debris, including a red bag and various pieces of trash, lying in tall, dry grass. A chain-link fence is visible in the background.	
Direction Photo Taken: Southwest			
Description: Household debris on site along the eastern side of the south site boundary at Marigold Ave.			

Photo No. 8	Date: 2-3-20	 A photograph showing a wide, open field with tall, dry grass. In the background, there is a brick building and a fence line. The sky is overcast.
Direction Photo Taken: West		
Description: Site fence line south of post office.		



Photographic Log

Client Name: Highland Park Village LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 9	Date: 2-3-20		
Direction Photo Taken: Northwest			
Description: East Site boundary along the rear of Post office.			

Photo No. 10	Date: 2-3-20	
Direction Photo Taken: North		
Description: East Site boundary along the rear of Post office.		



Photographic Log

Client Name: Highland Park Village LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 11	Date: 2-3-20		
Direction Photo Taken: Northeast			
Description: Random unused drainage pipe material, East Side of Site.			

Photo No. 12	Date: 2-3-20	
Direction Photo Taken: Northeast		
Description: West end of narrow alleyway along eastern north site boundary.		



Photographic Log

Client Name: Highland Park Village LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 13	Date: 2-3-20		
Direction Photo Taken: East			
Description: West end of narrow alleyway along eastern north site boundary.			

Photo No. 14	Date: 2-3-20	
Direction Photo Taken: Northwest		
Description: North side of Site at Hill Street.		



Photographic Log

Client Name: Highland Park Village LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 15	Date: 2-3-20		
Direction Photo Taken: West			
Description: Back side of Elim Site.			

Photo No. 16	Date: 2-3-20	
Direction Photo Taken: East		
Description: Central portion of Site on east side of Hill Street.		



Photographic Log

Client Name: Highland Park Village LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 17	Date: 2-3-20		
Direction Photo Taken: Southeast			
Description: Central portion of Site on east side of Hill Street.			

Photo No. 18	Date: 2-3-20	
Direction Photo Taken: West		
Description: Soil stockpiles in central portion of Site on west side of Hill Street, north of Chalmers.		



Photographic Log

Client Name: Highland Park Village LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 19	Date: 2-3-20		
Direction Photo Taken: Northwest			
Description: Stockpiled soils in central portion of Site.			

Photo No. 20	Date: 2-3-20		
Direction Photo Taken: North			
Description: Stockpiled soils in central portion of Site.			



Photographic Log

Client Name: Highland Park Village LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 21	Date: 2-3-20		
Direction Photo Taken: West			
Description: Eastern side of Chalmers, completed Phase 1 of Highland Park Village.			

Photo No. 22	Date: 2-3-20	
Direction Photo Taken: Northwest		
Description: View from north side of Chalmers.		



Photographic Log

Client Name: Highland Park Village LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 23	Date: 2-3-20		
Direction Photo Taken: North			
Description: Newly installed playground on Elim Site.			

Photo No. 24	Date: 2-3-20	
Direction Photo Taken: East		
Description: Backside of Elim Site looking east.		



Photographic Log

Client Name: Highland Park Village LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 25	Date: 2-3-20		
Direction Photo Taken: West			
Description: Backside of Elim Site (right) and Phase 1 of Highland Park Village (left).			

Photo No. 26	Date: 2-3-20	
Direction Photo Taken: West		
Description: Front of Elim Site.		



Photographic Log

Client Name: Highland Park Village LLC		Site Location: 129 Holden Street, Buffalo, NY	Project No. 21.0056642.30
Photo No. 27	Date: 2-3-20		
Direction Photo Taken: Southwest			
Description: North side of Phase 1 of Highland Park Village.			

Photo No. 28	Date: 2-3-20	
Direction Photo Taken: Northwest		
Description: Front side of completed Elim Site Building D.		



ATTACHMENT IV

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: 27.100		
Reporting Period: February 18, 2019 to February 18, 2020		
		YES NO
1. Is the information above correct?		☒ ☐
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?		☐ ☒
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?		☐ ☒
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?		☐ ☒
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?		☐ ☒

Box 2	
	YES NO
6. Is the current site use consistent with the use(s) listed below? Restricted-Residential, Commercial, and Industrial	☒ ☐
7. Are all ICs/ECs in place and functioning as designed?	☒ ☐
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

Owner

Institutional Control

90.29-2-43.1

Highland Park Village, LLC

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

90.29-2-43.12

Elim Townhomes Housing Development Fund

Ground Water Use Restriction
Landuse Restriction
Site Management Plan
IC/EC Plan

Soil 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

Engineering Control

90.29-2-43.1

Cover System

i) Maintenance of the Cover System.

90.29-2-43.12

Cover System

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.

John Cimelli at 2421 MAIN ST. BUFFALO NY 14214
print name print business address

am certifying as Vice President Highland Park Village LLC (Owner or Remedial Party)

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

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

3/11/2020
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.

I BART A. KLETTKE at 300 PEARL STREET, SUITE 700, BUFFALO, NY 14202
print name print business address

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

Bart A. Klettke



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

Date
(Required for PE)

3-12-2020



GZA GeoEnvironmental, Inc.