
PERIODIC REVIEW REPORT
for the
SILOS AT ELK STREET SITE
(SITE NO. C915309)

50 ELK STREET
BUFFALO, NEW YORK

May 2019

B0365-019-001

Prepared for:

Silos at Elk Street, LLC
50 Elk Street
Buffalo, New York 14210

Prepared By:



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PERIODIC REVIEW REPORT

Silos at Elk Street Site

BCP Site No. C915309

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PERIODIC REVIEW REPORT
Silos at Elk Street Site
BCP Site No. C915309

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1.0 INTRODUCTION

Benchmark Environmental Engineering & Science, PLLC (Benchmark) has prepared this Periodic Review Report (PRR) on behalf of Silos at Elk Street, LLC to summarize the post-remedial status of New York State Department of Environmental Conservation (NYSDEC or the Department) Brownfield Cleanup Program (BCP) Site No. C915305 located in the City of Buffalo, Erie County, New York (see Figure 1).

This PRR and associated Institutional and Engineering Control (IC/EC) Certification Form (see Appendix A) have been prepared for the December 28, 2017 to April 28, 2019 reporting period in accordance with the NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation (Ref. 1). This PRR has been based on the information contained within the December 2017 Site Management Plan (SMP; Ref. 2).

1.1 Site Background

The Site is located at 50 Elk Street in the City of Buffalo, Erie County, New York and identified as Section 122.42, Block 2, and Lot 63.11 on the City of Buffalo Tax Map. The 1.9-acre BCP property is bounded by Elk Street and Van Rensselaer Streets to the west; Fulton Street to the north; Elk Street to the south; and a former railroad corridor and vacant property to the east (see Figure 2).

The Site was vacant since the 1980s and historically used as a malting operation with coal areas, a kiln, and grain elevators/silos since about 1899. The Site is improved with a converted multi-story former industrial building into commercial space and adjacent asphalt parking lot. The northern portion of the Site remains undeveloped with the potential plan to construct residential buildings.

1.2 Compliance

No violations of the SMP or associated IC/EC requirements were identified during the monitoring period.

2.0 SITE OVERVIEW

Silos at Elk Street, LLC entered into a Brownfield Cleanup Agreement (BCA) with the NYSDEC in February 2017 to investigate and remediate the 1.9-acre Site. The Site was investigated and remediated under the NYSDEC BCP in accordance with the approved February 2017 Remedial Investigation (RI) Work Plan (Ref. 3), June 2017 Remedial Investigation/Alternatives Analysis (RI/AA) Report (Ref. 4), and July 2017 Interim Remedial Measures (IRM) Work Plan (Ref. 5) prepared by Benchmark-TurnKey. The Site was remediated in 2017 to Part 375 restricted-residential and commercial soil cleanup objectives (RRSCOs and CSCOs) as described in the December 2017 Final Engineering Report (FER; Ref. 6). The remedy included excavation of soil/fill exceeding restricted-residential and commercial SCOs. The Site received a Certificate of Completion (COC) from NYSDEC on December 28, 2017.

2.1 Existing Conditions

2.1.1 Redevelopment Activities

On-site utility work was completed after submittal of the FER. On December 27 and 28, 2017, Tom Greenauer Development, Inc. (Greenauer) was on-site completing trenching starting at the road (Elk Street) and extending along the eastern side of the building. Trenching was conducted to install a gas line for National Fuel. Spoils generated during the trenching work were staged on-site. Cover soil at the east end of the northern parking area was pulled back and the spoils placed on existing geofabric. Once work was complete, geofabric was placed over the spoils pile the edges were tied into surrounding geofabric. Cover soil that was pulled back was regraded over this area.

National Grid was on-site February 6, 2018 to install utility poles along the northern boundary of the parking lot. Spoils generated during the auguring process were placed on and covered with polysheeting. These spoils were placed beneath cover during the work conducted in May 2018.

Greenauer was on-site May 21-24 and May 29-31, 2018 to install the sanitary sewer line, trench for electrical conduit to the building, install parking lot light posts and complete cover system repair. Work was completed within the commercial green space northeast of the building and north of the parking lot. Appendix B includes photographs depicting the

redevelopment work. Cover materials were cleared within the limits of the work areas of the prior to excavation. Demarcation fabric was pulled back in the work areas and spoils regraded beneath. New demarcation fabric was replaced in the work area and edges were tied into existing demarcation fabric. New subgrade and final grade elevation survey shots were taken by Greenauer's surveyor and revised cover thicknesses are included on Figure 3.

Benchmark was on-site during these redevelopment activities. Appendix C includes field notes. Air monitoring was completed during all intrusive work. Appendix D includes CAMP data and daily field logs.

Final redevelopment of the Site included pouring concrete sidewalks along the northern, southern, and western sides of the building (previously 12-inches of stone cover). Figure 2 shows the updated cover system layout and details.

2.1.2 Site Cover System

In the spring 2018, Greenauer completed final cover thickness regrading and repair following redevelopment activities described in Section 2.1.1.

The Site cover system was inspected on April 17, 2019 by Ms. Lori Riker, P.E. No evidence of erosion was observed on the soil covered areas and a good stand of grass was present across the cover except for the redevelopment work area northeast of the building; this area has since been seeded and grass is growing (refer to photo #20). Asphalt cover was intact, concrete sidewalks/curbs were in good condition, and crushed stone cover on the eastern side of the building was in good condition. Future Site inspections will continue to monitor the integrity of the asphalt, concrete, crushed stone, and vegetated cover systems.

2.2 Remedial Program Chronology

Prior to entry into the BCP in 2017, a Phase I Environmental Site Assessment (ESA) and Limited Phase II Environmental Site Investigation (ESI) by Benchmark Environmental Engineering and Science, PLLC (Benchmark) (Ref. 8 & 9) were completed for the Site. Upon entry into the BCP, a Remedial Investigation (RI) was performed in early 2017 and subsequent Interim Remedial Measures (IRMs) completed from August through September 2017.

2.2.1 Remedial Investigation

In 2016, a Limited Phase II Investigation (June) followed by a Supplemental Phase II Test Pit Investigation (July 2016) were completed by Benchmark. In 2017, a Remedial Investigation (RI) was performed by Benchmark to characterize the nature and extent of soil and groundwater contamination at the Site. SMP Figure 2 shows the historic and RI sample locations. The field activities conducted by Benchmark during the 2016 investigations and 2017 RI included:

- Collection of surface soil samples from the blackish fine area identified in the Phase I ESA. Samples were analyzed for target compound list (TCL) semi-volatile organic compounds (SVOCs) and tentatively identified compounds (TICs), Resource Conservation and Recovery Act (RCRA) metals, and total organic carbon (TOC).
- Collection of soil samples from borings and test pit locations across unpaved, vegetated areas of the Site. Samples were analyzed for total lead, toxicity characteristic leaching procedure (TCLP) lead, TCL volatile organic compounds (VOCs), TCL SVOCs and TICs, total analyte list (TAL) metals, total cyanide, polychlorinated biphenyls (PCBs), pesticides, and herbicides.
- Collection of a water sample from a test pit location during the Phase II. The water sample was analyzed for TCL plus NYSDEC CP-51 VOCs.
- Installation of monitoring wells at five soil boring locations. Groundwater samples were collected at the five monitoring wells and analyzed for TCL, CP-51 and TICs for VOCs and SVOCs, TCL PCBs, herbicides, pesticides, TAL metals and total cyanide

The results of the RI are presented in the RI Report (Ref. 4) prepared by Benchmark. The Site investigations revealed various types of industrial/urban type fill including cindery ash/fill intermingled with sandy lean clay, sandy silt, organic soil mixed with various fill materials including ash, cinders, glass, concrete, brick fragments, coal pieces, wood fragments, and asphalt present in the upper layer across the Site. The Site had visually exposed black cindery fill along the north side of the existing building and in the former loading dock area located west of the silos underneath the metal awning. The fill was underlain by olive gray to reddish brown, moist, medium plasticity Lean Clay and was identified from 2 to 5.5 feet below ground surface (fbgs).

RI results were consistent with the initial findings of the Phase II Investigations. RI soil/fill sample results exceeded RRSCOs for certain polycyclic aromatic hydrocarbons (PAHs), which are products of incomplete combustion typically found in ash, cinders and

asphalt materials such as pavement; however, total PAHs (plus TICs) for these locations did not exceed the CP-51 soil guidance level for total PAHs of 500 parts per million (ppm). Select metals detected in soil/fill at concentrations above RRSCOs at one or more locations include arsenic, cadmium, copper, chromium, lead, manganese and mercury; arsenic, copper, lead, and mercury concentrations exceeded CSCOs. Lead exceeded the TCLP regulatory limit at three locations (TP-30A, TP-31A, and BLACK SAND).

The parameters of concern in Site soils were SVOCs (specifically PAHs) and metals (specifically arsenic, lead, and mercury). Two areas of concern were identified and remediated in accordance with the 2017 IRM Work Plan described in Section 2.2.2.

Groundwater concentrations exceeded NYSDEC Class GA groundwater quality standards and guidance values (GWQS/GVs) for two SVOCs (benzo(a)anthracene and benzo(b)fluoranthene) and several metals (iron, magnesium, and sodium). Due to the depth of contamination and planned soil IRM activities, groundwater was determined not to be an environmental concern.

2.2.2 Remedial Action

The property was remediated in accordance with the July 2017 IRM Work Plan. Two areas of concern (AOC-1 and AOC-2) were stabilized in-situ with Portland cement to render the lead-impacted soil/fill non-hazardous. These areas as well as non-hazardous lead-impacted soil/fill (AOC-3 and AOC-4) and arsenic-impacted soil/fill (AOC-5) were excavated from the commercial use area, for a total of approximately 299 cubic yards. Approximately 30 cubic yards of non-hazardous lead-impacted soil/fill (AOC-6 and TP-20 area) were excavated from the restricted-residential use area. Excavation activities were conducted between August 7 and 29, 2017. The impacted soil/fill was transported off-site to the Chaffee Landfill in August and September 2017.

Backfilling of IRM excavations was not required as they were generally shallow (i.e., less than two feet deep). Redevelopment activities (e.g., storm water controls, utility trenches, parking area construction) generated excess cut materials that were beneficially reused to backfill IRM excavations and re-grade the Site. Soil from the restricted-residential use portion was used on the commercial use portion of the Site.

A cover system was required to allow for commercial and restricted-residential use of the Site, preventing human exposure to remaining contamination. The cover system consists

of hardscape (asphalt and concrete, building), 12 inches of crushed stone, and 12 inches of vegetated cover on the commercial use portion and 24 inches of vegetated cover on the restricted-residential use portion of the Site. The asphalt cover includes a 12-inch base of crushed stone overlain by 3 inches of blacktop material. The cover system was placed over a demarcation layer of Geotextile fabric to distinguish it from the industrial/urban fill or clean fill used to establish the required grade. All fill material brought to the Site met the requirements for restricted-residential use as set forth in 6NYCRR Part 375-6.7(d).

Figure 2 shows the cover system across the Site. Groundwater monitoring well MW-1 was decommissioned during remedial activities.

Institutional and engineering controls (IC/ECs) have been incorporated into the Site remedy to control exposure to remaining contamination to ensure protection of public health and the environment. A Site Management Plan (SMP) was prepared to manage remaining contamination and addresses the means for implementing the IC/ECs that are required by the Environmental Easement for the Site.

3.0 SITE MANAGEMENT PLAN

The December 2017 SMP provides for long-term management of remaining contamination and includes requirements for IC/ECs, maintenance and reporting.

3.1 IC/EC Compliance

Because remaining contaminated soil/fill exists at the Site, IC/ECs are required to protect human health and the environment.

3.1.1 Institutional Controls (ICs) Requirements

The Site is subject to the following ICs:

- Compliance with Department-approved SMP.
- The use of groundwater underlying the property as a source of potable or process water is prohibited without necessary water quality treatment as determined by the NYSDOH or County DOH.
- Data and information pertinent to Site management must be reported at the frequency and in the manner defined in the SMP.
- All future activities that will disturb remaining contaminated material must be conducted in accordance with the SMP.
- Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in the SMP.
- Vegetable gardens and farming on the Site are prohibited.
- Access to the Site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement.

ICs identified in the Environmental Easement may not be discontinued without an amendment to or extinguishment of the Environmental Easement.

3.1.2 Engineering Controls (ECs) Requirements

A cover system has been installed at the Site to prevent exposure to remaining contamination above the commercial/restricted-residential SCOs in soil/fill. The cover system consists of the following:

Commercial Use Portion:

- Vegetated Cover: Minimum 12 inches of soil, between the parking lot and Elk Street and between the parking lot and the restricted-residential/commercial use boundary.
- New Crushed Stone Cover: Minimum 8 inches along the northern, east side of the building placed on existing asphalt and 12 inches in the chamber located approximately midway along the east side of the building.
- New Asphalt Cover: Minimum 3 inches of blacktop over a minimum 12 inches of crushed stone for paved parking areas.
- New Concrete Cover: Minimum 4 inches (standard) or 6 inches (heavy duty) of concrete over 12 inches of crushed stone.

Restricted-Residential Use Portion:

- Vegetated Cover: Minimum of 24 inches of soil, between the restricted-residential/commercial use boundary and Fulton Street to the north.

The cover system was placed over a demarcation layer of Geotextile fabric to distinguish it from the industrial/urban fill or clean fill used to establish the required grade.

The Excavation Work Plan (EWP), included as Appendix B of the SMP, outlines the procedures required to be implemented in the event the cover system is breached, penetrated or temporarily removed, and any underlying remaining contamination is disturbed. All material excavated and removed from the Site will be treated as contaminated and transported/discharged off-site in accordance with all local, State (including 6NYCRR Part 360) and Federal regulations. Any new excavations will be properly backfilled with clean, pre-tested off-site fill, cover material, and geotextile layers to delineate between existing on-site materials, clean fill and cover material.

Procedures for the inspection of the cover systems are provided in the Monitoring and Sampling Plan included as Section 4.0 of the SMP. Any work conducted pursuant to the EWP must also be conducted in accordance with the procedures defined in the Site Health and Safety Plan (HASp) and associated Community Air Monitoring Plan (CAMP) included as Appendix D of the SMP.

The elements of the Engineering Control for the Site include the following:

- The cover systems described above.

- The EWP that details provisions for management of future excavations in areas of remaining contamination.
- Provisions in the Environmental Easement (SMP Appendix A) regarding land use and groundwater use restrictions.
- Provisions for the management and inspection of the identified ECs.
- Maintaining Site access controls and Department notifications.
- Periodic review and certification of the IC/ECs.

3.1.3 Site Inspection & IC/EC Compliance

On April 17, 2019, Benchmark’s Certifying Professional Engineer performed a Site visit and assessment. During this visit, the Site covered by this PRR was found to be compliant with the IC/EC requirements except for the area northeast of the building, which has been repaired. Appendix A includes the completed and P.E.-certified IC/EC Form for the Site. Appendix B includes a photographic log of Site conditions at the time of the inspection.

3.2 Monitoring and Sampling Plan Compliance

The Monitoring and Sampling Plan presented in the SMP describes the measures for evaluating the performance and effectiveness of the remedy to reduce or mitigate contamination at the Site, the soil cover system, and all affected site media presented below. Table 1 summarizes the schedule of inspections and reporting:

Table 1: Inspection & Reporting Schedule

Monitoring Program	Frequency*	Matrix	Analysis
Cover System	Annual Inspection and submittal of a Site Inspection Report	N/A	Visual only
Period Review Report	Triennially, after submittal of the initial PRR	N/A	N/A

* The frequency of events will be conducted as specified in the SMP until otherwise approved by NYSDEC and NYSDOH.

3.2.1 Cover System Monitoring

In accordance with the SMP, the cover system must be maintained and replaced in the event it is breached as described in the EWP (SMP Appendix B). The cover will be inspected

on an annual basis and following severe storm events. If frequent areas of distress are noted, they will be repaired based on the following conditions.

- Hardscape Cover Monitoring: A brief summary of the key maintenance concerns and the respective corrective actions is provided below:
 - *Half-inch or greater cracks or potholes exposing the sub-base will be sealed or repaired to restore the hardscape cover.*
 - *Vegetation will be removed, and the associated impact, hole, or crack will be sealed or repaired to restore the asphalt cover.*

- Vegetative Soil Cover Monitoring: A brief summary of the key maintenance concerns and the respective corrective actions is provided below:
 - *Areas where erosion problems (i.e., rills or gullies) are observed will be repaired by re-grading the localized area, adding the required fill material and/ or topsoil, and reseeding/ replanting as necessary.*
 - *If burrowing animals are observed breaching the soil cover, as evidenced by exposed fill material, they will be eradicated by a licensed exterminator.*

Based on the Site inspection performed April 17, 2019, the asphalt and vegetative soil cover systems at the Site were compliant with the IC/EC requirements except for insufficient vegetation present in the area of redevelopment activities; however, this area was seeded in May 2019 and grass is growing.

3.3 O&M Compliance

The Site remedy does not rely on any mechanical systems (e.g., sub-slab depressurization systems, groundwater pump and treat, or soil vapor extraction systems) to protect public health and the environment; therefore, an Operation and Maintenance (O&M) Plan is not required for the Site.

4.0 CONCLUSIONS

Based on our observation during the April 17, 2019 Site inspection and seeding that occurred over the soil cover system in May 2019, the Site covered by this PRR is fully compliant with the IC/EC requirements.

5.0 DECLARATION/LIMITATION

This report has been prepared for the exclusive use of Silos at Elk Street, LLC. The contents of this report are limited to information available at the time of the Site inspection. Data provided by others as referenced herein is assumed to be accurate and reliable. The findings herein may be relied upon only at the discretion of Silos at Elk Street, LLC. Use of or reliance upon this report or its findings by any other person or entity is prohibited without written permission of Benchmark Environmental Engineering & Science, PLLC.

6.0 REFERENCES

1. New York State Department of Environmental Conservation. *DER-10/Technical Guidance for Site Investigation and Remediation*. May 2010.
2. Benchmark Environmental Engineering and Science, PLLC. *Site Management Plan, Silos at Elk Street Site, BCP Site No. C915309, Buffalo, New York*. December 2017.
3. Benchmark Environmental Engineering and Science, PLLC. *Remedial Investigation Work Plan, Silos at Elk Street Site, BCP Site No. C915309, Buffalo, New York*. February 2017.
4. Benchmark Environmental Engineering and Science, PLLC. *Remedial Investigation/Alternatives Analysis (RI/AA) Report, 50 Elk Street, Buffalo, New York*. June 2017.
5. Benchmark Environmental Engineering and Science, PLLC. *Interim Remedial Measures Work Plan, Silos at Elk Street Site, BCP Site No. C915309, Buffalo, New York*. July 2017.
6. Benchmark Environmental Engineering and Science, PLLC in association with TurnKey Environmental Restoration, LLC. *Final Engineering Report, Silos at Elk Street Site, BCP Site No. C915309, Buffalo, New York*. December 2017.

FIGURES

FIGURE 1

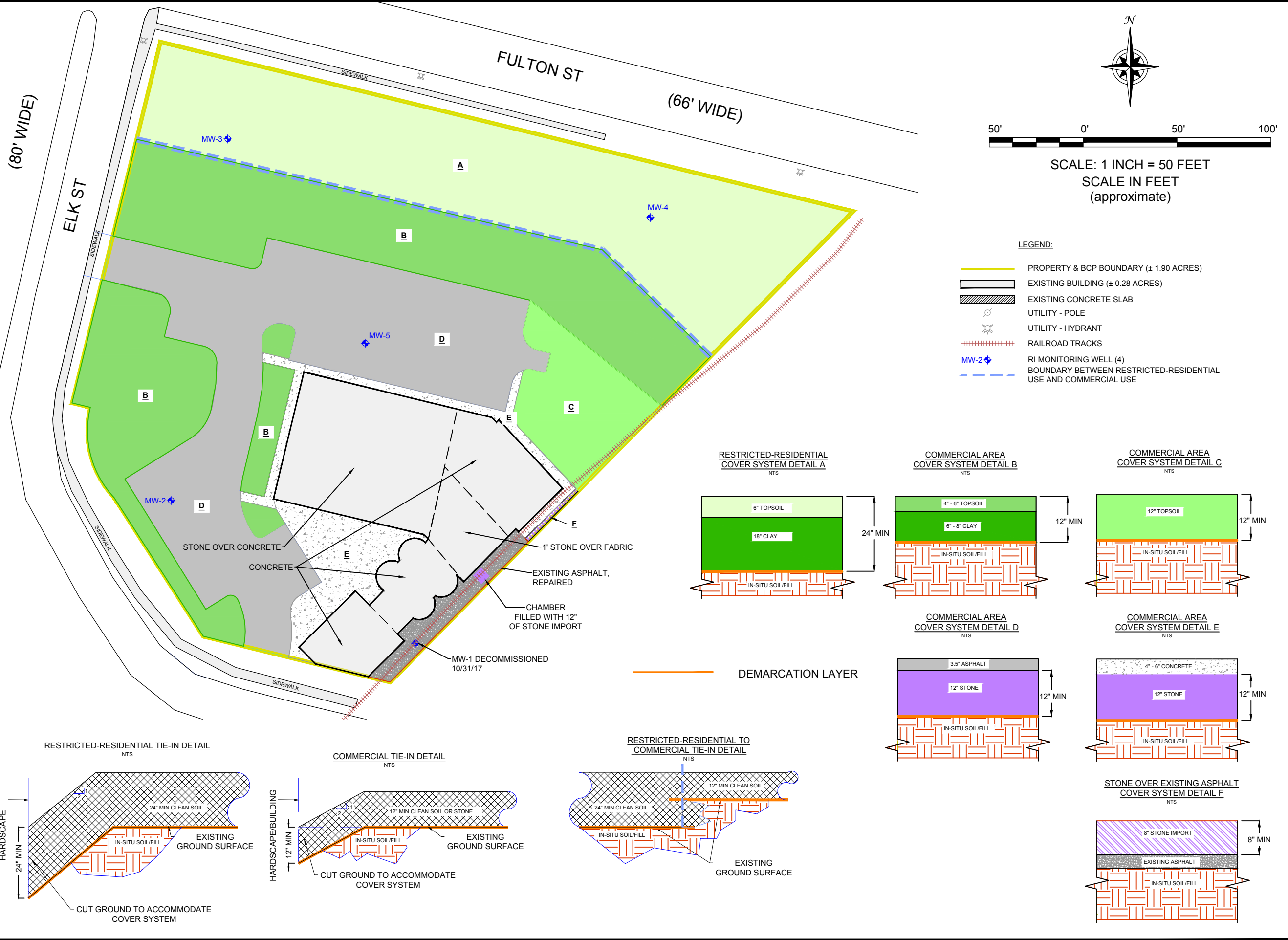


SITE LOCATION & VICINITY MAP
PERIODIC REVIEW REPORT

SILOS AT ELK STREET SITE
BUFFALO, NEW YORK
PREPARED FOR
SILOS AT ELK STREET, LLC

PROJECT NO.: 0381-019-001
DATE: MAY 2019
DRAFTED BY: CMC

DISCLAIMER: PROPERTY OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC. & TURNKEY ENVIRONMENTAL RESTORATION, LLC IMPORTANT: THIS DRAWING PRINT IS LOANED FOR MUTUAL ASSISTANCE AND AS SUCH IS SUBJECT TO RECALL AT ANY TIME. INFORMATION CONTAINED HEREON IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY FORM FOR THE BENEFIT OF PARTIES OTHER THAN NECESSARY SUBCONTRACTORS & SUPPLIERS WITHOUT THE WRITTEN CONSENT OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC & TURNKEY ENVIRONMENTAL RESTORATION, LLC.



COVER SYSTEM LAYOUT AND DETAILS
 PERIODIC REVIEW REPORT

SILOS AT ELK STREET SITE
 BUFFALO, NEW YORK
 PREPARED FOR
 SILOS AT ELK STREET, LLC



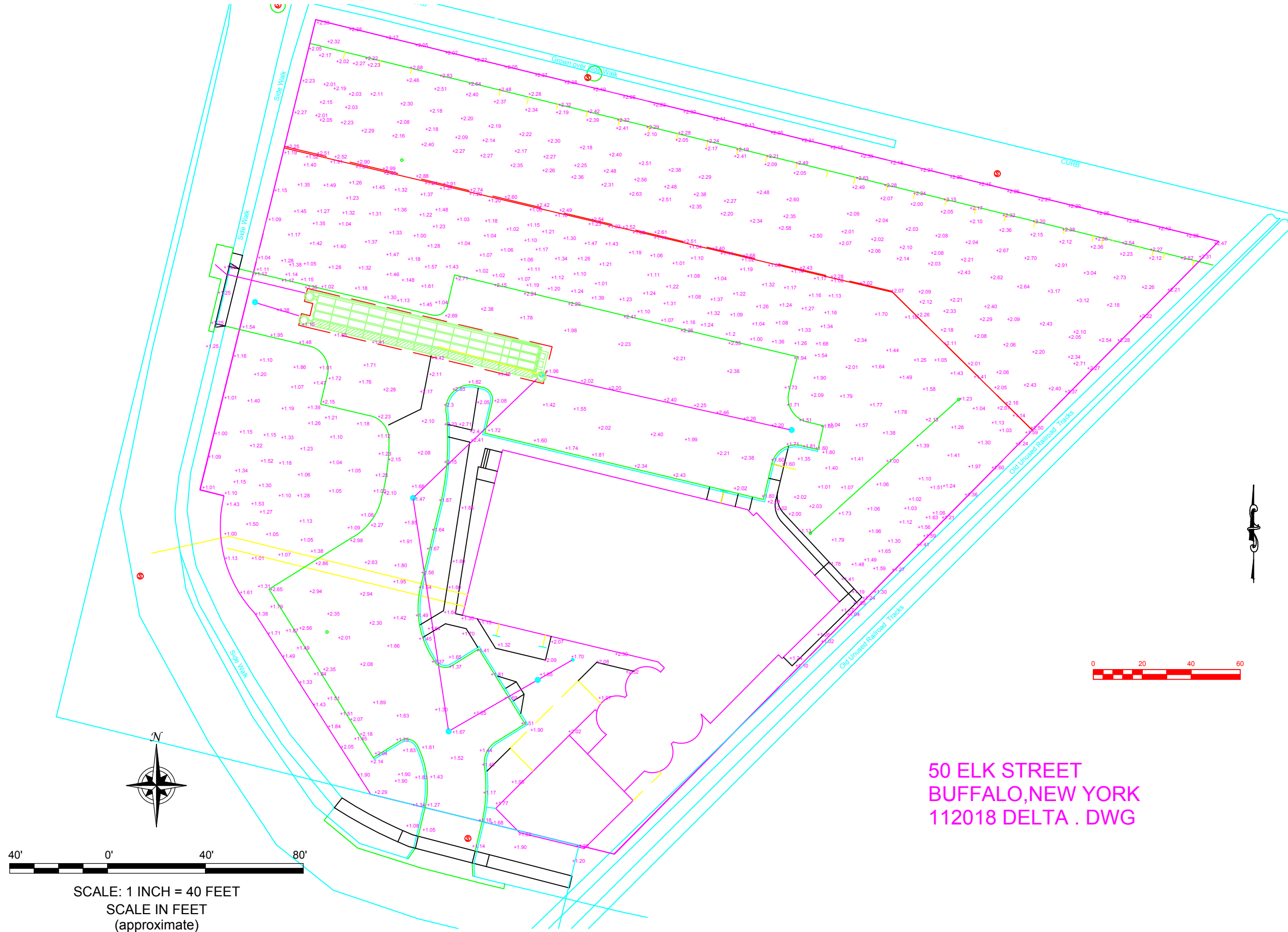
JOB NO.: 0381-019-001

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FIGURE 2

DATE: MAY 219
 DRAFTED BY: GMC

DATE: MAY 2019
DRAFTED BY: GMC



50 ELK STREET
BUFFALO, NEW YORK
112018 DELTA . DWG

SCALE: 1 INCH = 40 FEET
SCALE IN FEET
(approximate)

NOVEMBER 2018 COVER REPAIR THICKNESS VERIFICATION

PERIODIC REVIEW REPORT
SILOS AT ELK STREET SITE
BCP SITE NO. C915309
BUFFALO, NEW YORK

PREPARED FOR
YOUNG & WRIGHT ARCHITECTURAL



IN ASSOCIATION WITH

2558 HAMBURG TURNPIKE, SUITE 300, BUFFALO, NY 14218, (716) 856-0599

JOB NO.: 0381-019-001

FIGURE 3

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APPENDIX A

INSTITUTIONAL AND ENGINEERING CONTROLS CERTIFICATION FORM



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



Site No.	Site Details	Box 1	
C915309	Site Name Silos at Elk Street Site		
Site Address: 50 Elk Street Zip Code: 14210 City/Town: Buffalo County: Erie Site Acreage: 1.900			
Reporting Period: December 28, 2017 to April 28, 2019			
		YES	NO
1. Is the information above correct?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
If NO, include handwritten above or on a separate sheet.			
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?		<input type="checkbox"/>	<input type="checkbox"/>
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.			
5. Is the site currently undergoing development?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
Box 2			
		YES	NO
6. Is the current site use consistent with the use(s) listed below?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Are all ICs/ECs in place and functioning as designed?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.			
A Corrective Measures Work Plan must be submitted along with this form to address these issues.			
<hr style="border: none; border-top: 1px solid black; width: 100%;"/> Signature of Owner, Remedial Party or Designated Representative		<hr style="border: none; border-top: 1px solid black; width: 100%;"/> Date	

Box 2A

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

YES NO

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. C915309

Box 3

Description of Institutional Controls

Parcel

122.42-2-63.11

Owner

Brookfield Interest, LLC

Institutional Control

Ground Water Use Restriction
Landuse Restriction
Site Management Plan
IC/EC Plan

Soil Management Plan
Monitoring Plan

Groundwater use is prohibited

Landuse is restricted to Restricted Residential or Commercial in specific designated areas

Adherence to Site Management Plan

Implementation of an IC/EC Plan

Box 4

Description of Engineering Controls

Parcel

122.42-2-63.11

Engineering Control

Cover System

Cover System per 6NYCRR Part 375-6.7(d)

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. C915309

Box 6

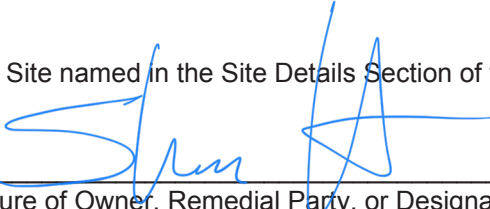
SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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

I, Shawn Wright, AIA at 50 Elk Street
Buffalo, NY 14210,
print name print business address

am certifying as Owner (Owner or Remedial Party)

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


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

5/24/19
Date

IC/EC CERTIFICATIONS

Box 7

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 Lori E. Riker, P.E. at 2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218 
print name print business address

I am certifying as a Owner
for the _____ (Owner or Remedial Party)



Signature of _____, for the Owner or Remedial Party,
Rendering Certification

Stamp
(Required for PE)

5/23/19
Date

APPENDIX B

SITE PHOTOGRAPHIC LOG

SITE PHOTOGRAPHS

Photo 1:



Photo 2:



Photo 3:



Photo 4:



TRACK 4 COMMERCIAL AREA

Photo 1: Trenching along the east side of the building for National Fuel, December 2017 (looking northeast)

Photo 2: Trenching spoils covered with black geofabric, December 2017 (looking east)

Photo 3: National Grid auguring for electrical pole, February 2018 (looking north)

Photo 4: Removal of existing cover material northeast of building, May 2018 (looking south)

SITE PHOTOGRAPHS

Photo 5:



Photo 6:



Photo 7:



Photo 8:



TRACK 4 COMMERCIAL AREA

Photo 5: Greenauer installing the sanitary sewer line northeast of building, May 2018 (looking southwest)

Photo 6: Greenauer installing stormwater line, May 2018 (looking southeast)

Photo 7: Greenauer installing parking lot light pole posts, May 2018 (looking southeast)

Photo 8: Greenauer trenching for electrical conduit to building, May 2018 (looking north)

SITE PHOTOGRAPHS

Photo 9:



Photo 10:



Photo 11:



Photo 12:



TRACK 4 COMMERCIAL AREA

Photo 9: Partial repair of cover system, May 2018 (looking east)

Photo 10: Final cover repair work, November 2018 (looking southeast)

Photo 11: Final cover repair work, November 2018 (looking southwest)

Photo 12: Final cover repair, November 2018 (looking south)

SITE PHOTOGRAPHS

Photo 13:



Photo 14:



Photo 15:



Photo 16:



TRACK 4 COMMERCIAL AREA

Photo 13: Vegetated and asphalt cover systems from SW property boundary (looking northeast)

Photo 14: Asphalt cover system and existing concrete slab (looking northeast)

Photo 15: Vegetated and asphalt cover systems from MW-2 (looking northwest)

Photo 16: Vegetated and asphalt cover systems (looking southeast)

SITE PHOTOGRAPHS

Photo 17:



Photo 18:



Photo 19:



Photo 20:



TRACK 4 COMMERCIAL AREA

Photo 17: Vegetated cover system from western driveway off Elk Street (looking south)

Photo 18: Asphalt cover system and storm drain inlet from western property boundary (looking east)

Photo 19: Concrete cover system and soil cover to be seeded (looking northeast)

Photo 20: Grass growing on area northeast of building (looking northeast)

SITE PHOTOGRAPHS

Photo 21:



Photo 22:



Photo 23:



Photo 24:



TRACK 4 COMMERCIAL AREA

Photo 21: Vegetated cover system along eastern property boundary (looking southwest)

Photo 22: Existing asphalt cover system along southeastern property boundary (looking southwest)

Photo 23: Vegetated cover system and asphalt patch around tracks from SE corner of property (looking west)

Photo 24: Vegetated cover system; boundary between Commercial and Restricted Residential areas (looking east)

SITE PHOTOGRAPHS

Photo 25:



Photo 26:



Photo 27:



Photo 28:



TRACK 4 RESTRICTED-RESIDENTIAL AREA

Photo 25: Vegetated cover system from NW corner along northern property boundary (looking east)

Photo 26: Vegetated cover system at center of northern property boundary (looking south)

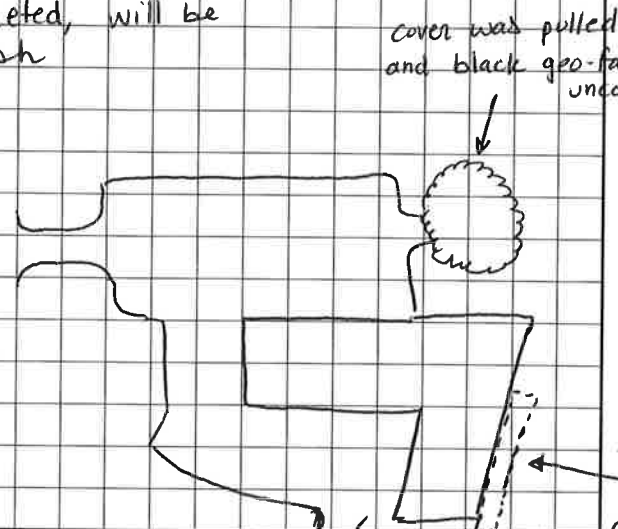
Photo 27: Vegetated cover system from NE corner along northern property boundary (looking west)

Photo 28: Vegetated cover system from NE corner of property (looking southwest)

APPENDIX C

FIELD ACTIVITY DAILY LOGS (FADLS)

FIELD ACTIVITY DAILY LOG

PROJECT NAME: Silos at Elk Street Site		PROJECT NO. B0381-017-009	
PROJECT LOCATION: Buffalo, New York		CLIENT: Young + Wright Architectural	
FIELD ACTIVITY: Oversight during trenching work for National Fuel.			
DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:			
TIME	DESCRIPTION		
7 ⁰⁰	On-site, set up CAMP Greenhaven Laboren (Chris + Mike) already on-site. Concrete / asphalt was separated and sent to Iron City. Subsurface material dug up was direct loaded onto a Greenhaven truck and relocated to the area specified below to be buried under approved cover. Material was placed on uncovered geo fabric.		
9 ³⁰	Off-site		
13:15	On-site, Trenching was completed to 2 fbg's. 20' of the trench completed, will be back tomorrow to finish		
16 ⁰⁰	Work done for the day take CAMP down.		
			
VISITORS ON SITE:		CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:	
WEATHER CONDITIONS:		IMPORTANT TELEPHONE CALLS:	
A.M.: 9°F, west, 11 mph			
P.M.: 12°F, west 15 mph			
PERSONNEL ON SITE: CMC			
SIGNATURE: Charlotte Clark		DATE: 2/6/18	

FIELD ACTIVITY DAILY LOG

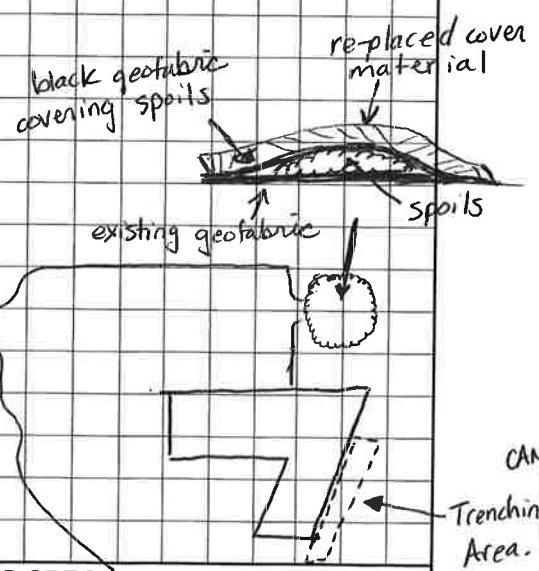
PROJECT NAME: Silos at Elk Street Site PROJECT NO. B0381-017-009

PROJECT LOCATION: Buffalo, New York CLIENT: Young + Wright

FIELD ACTIVITY: Oversight during trenching for National Fuel ~~work~~.

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

TIME	DESCRIPTION
8 ⁰⁰	On-site, set up CAMP. Greenhaver Laborens (Chris + Mike) on-site. Continued digging for trench. Spoils were added to the uncovered area. After completion of the trench the spoils were covered in the black geofabric which tied in/overlaid at the edges with the existing geofabric below. Set aside cover material was placed over the covered spoils.
10 ⁰⁰	Off-site to office.
11 ³⁰	On-site, documented covering of spoils pile.
13 ⁴⁵	Work is complete, take CAMP down and head back to the office.



VISITORS ON SITE:

CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:

WEATHER CONDITIONS:
 A.M.: 6°F, west 5 mph
 P.M.: 10°F, west 8 mph

IMPORTANT TELEPHONE CALLS:

PERSONNEL ON SITE: CMC

SIGNATURE *Charlotte Clark* DATE: 12/28/17

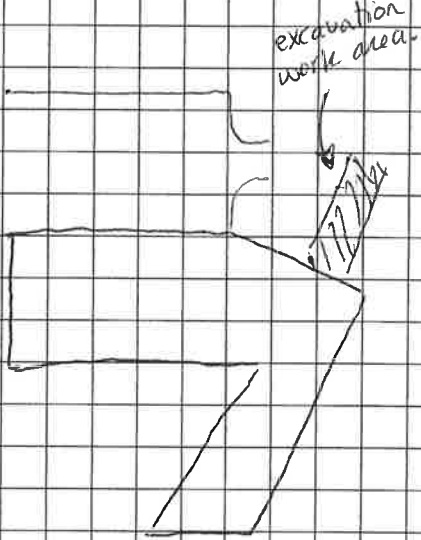
FIELD ACTIVITY DAILY LOG

PROJECT NAME: Silos at Elk Street Site		PROJECT NO. B0381-017-009	
PROJECT LOCATION: Buffalo, New York		CLIENT: Young + Wright Architectural	
FIELD ACTIVITY: National Grid Pole Installation oversight			
DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:			
TIME	DESCRIPTION		
10:45	<p>On-site, talked with Steve and National Grid</p> <p>2 poles ^{holes} already augered and poles installed. All spoils were placed in area of previous work (trench work in December) <u>not</u> placed on poly. (Poles were augered to 6 fbg's)</p> <p>Last pole: Augered spoils were placed on a vinyl mat and transported to the area ^{where} other spoils were stored. These spoils were placed on poly and covered.</p> <p>Previously placed spoils not on poly, Steve/National Grid did not have any shovels to move this material. I told Steve this material would need to be moved to poly and covered.</p>		
11:55	<p>off-site to the office.</p> <p>No CAMP, no visual dust or nuisance odors observed.</p> <div style="text-align: right;"> <p>The diagram shows a site layout with a dashed line for the 'Commercial/Residential Property Boundary'. Three points are marked with circles and labeled 'Installed NG Pole Locations'. A shaded area is labeled 'spoils not on poly'. Another area is labeled 'previously disturbed areas'. A final area is labeled 'spoils placed on poly + covered'.</p> </div>		
VISITORS ON SITE:		CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:	
WEATHER CONDITIONS:		IMPORTANT TELEPHONE CALLS:	
A.M.: 22°F, WSW 16 mph sunny.			
P.M.:			
PERSONNEL ON SITE: CMC			
SIGNATURE: Charlotte Clark		DATE: 2/6/17	

FIELD ACTIVITY DAILY LOG

PROJECT NAME: Silos at Elk Street Site		PROJECT NO. B0381-017-009	
PROJECT LOCATION: Buffalo, New York		CLIENT: Young + Wright	
FIELD ACTIVITY: Remediation Sanitary Sewer Install			
DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:			
TIME	DESCRIPTION		
8 ⁰⁰ - 9:45	On-site, took some photos Greenover peeling back the cover in the work area. Plan is to keep cover peeled off back until all redevelopment work is completed in this area. Set up CAMP #5 Off-site		
16:30 - 17:15	On-site, took final photos they had only dug up around the sanitary sewer port found last year, figuring out if they can tie into the existing line that cuts under the restricted residential property. took CAMP down. Off-site		
VISITORS ON SITE:		CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:	
WEATHER CONDITIONS:		IMPORTANT TELEPHONE CALLS:	
A.M.: ENE 8 mph, 60°F			
P.M.: ENE 8 mph, 70°F			
PERSONNEL ON SITE: CMC			
SIGNATURE: Charlotte Clark		DATE: 5/21/18	

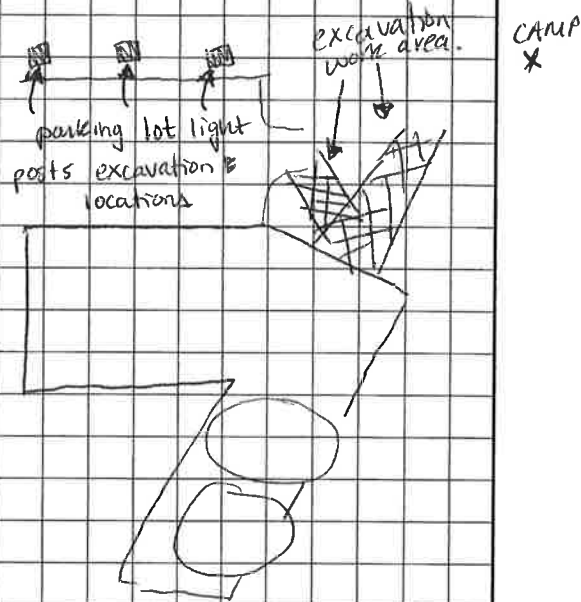
FIELD ACTIVITY DAILY LOG

PROJECT NAME: Silos At Elk		PROJECT NO. B0381-017-009	
PROJECT LOCATION: Buffalo, New York		CLIENT: Young + Wright Architectural	
FIELD ACTIVITY: Oversight during post COC redevelopment activities			
DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:			
TIME	DESCRIPTION		
10:30-12:15	<p>On-site while the Greenaver begins trenching for sanitary sewer line to the building.</p> <p>No CAMP due to rain.</p> <p>spoils stockpiled separate from cover soils.</p>		
			
VISITORS ON SITE:		CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:	
WEATHER CONDITIONS:		IMPORTANT TELEPHONE CALLS:	
A.M.: 10 mph SW, rain, 58°F			
P.M.: 12 mph SW, rain 61°F			
PERSONNEL ON SITE: CMC			
SIGNATURE: Charlotte Clark		DATE: 5/22/18	

FIELD ACTIVITY DAILY LOG

PROJECT NAME: Silos At Elk	PROJECT NO. B0381-017-009
PROJECT LOCATION: Buffalo, New York	CLIENT: Young + Wright Architectural
FIELD ACTIVITY: Oversight during post COC redevelopment activities	

TIME	DESCRIPTION
8:00-9:30	On-site, Greenawald continuing to install sections of sanitary sewer line. Backfilling with clean stone Backfilling with clean stone
11:30-12:45	On-site, took some photos
15:00-16:00	On-site, took some photos Backfilling with clean stone




VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
WEATHER CONDITIONS:	IMPORTANT TELEPHONE CALLS:
A.M.: 12 mph SW, 59°F slightly overcast	
P.M.: 16 mph SW, 62°F sunny	
PERSONNEL ON SITE: CMC	
SIGNATURE: Charlotte Clark	DATE: 5/23/18

FIELD ACTIVITY DAILY LOG

PROJECT NAME: Silos At Elk	PROJECT NO. B0381-017-009
PROJECT LOCATION: Buffalo, New York	CLIENT: Young + Wright Architectural
FIELD ACTIVITY: Oversight during post COC redevelopment activities	

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

TIME	DESCRIPTION
8-15-9-15	<p>On-site, set up CAMP NO CAMP, backfilling with clean material + replacing cover Greenaven, starting to backfill around placed parking lot light posts installed yesterday.</p> <p>Might do one or two more today</p> <p>Placing topsoil in excavated areas.</p> <div style="text-align: right; margin-top: 10px;">  </div>

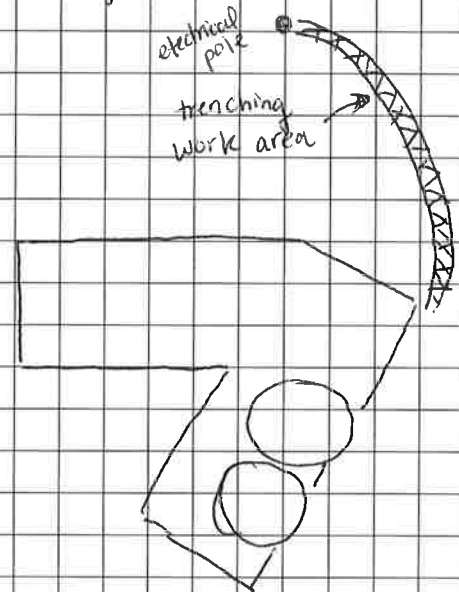
VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:

WEATHER CONDITIONS: A.M.: 10 mph SW, 58°F sunny P.M.: 12 mph SW 72°F	IMPORTANT TELEPHONE CALLS:

PERSONNEL ON SITE: CMC

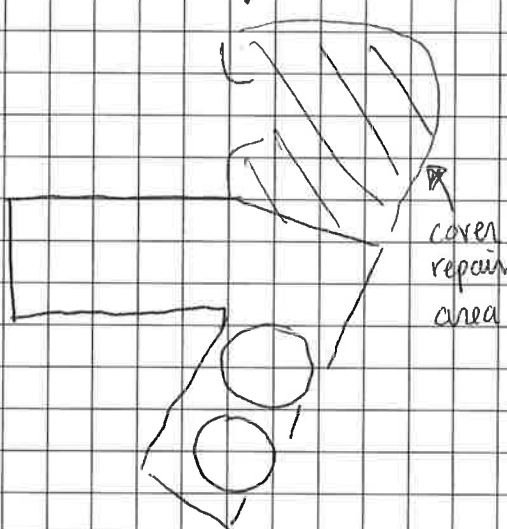
SIGNATURE *Charlotte Clark* DATE: 5/24/18

FIELD ACTIVITY DAILY LOG

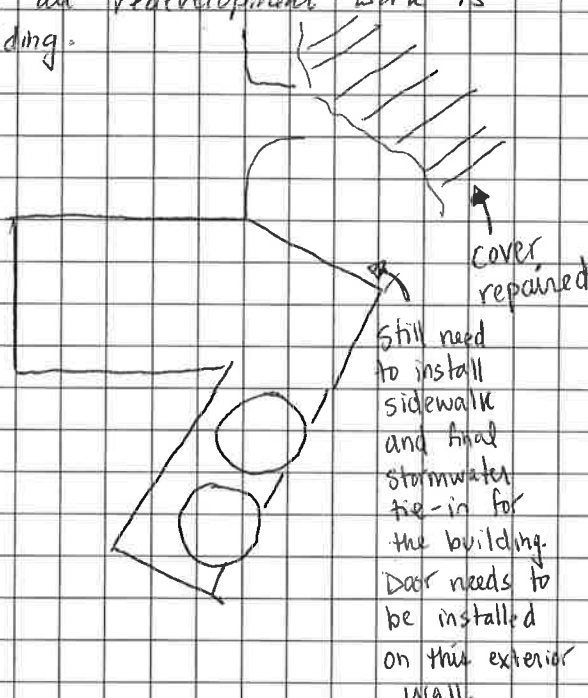
PROJECT NAME: Silos At Elk	PROJECT NO. B0381-017-009
PROJECT LOCATION: Buffalo, New York	CLIENT: Young + Wright Architectural
FIELD ACTIVITY: Oversight during post COC redevelopment activities	
DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:	
TIME	DESCRIPTION
8 ⁰⁰ -8 ⁴⁵	Set CAMP up, Greenauer on-site to begin trenching the work for electrical conduit
12-45-1-30	On-site, took some photos
15-45-16-30	On-site, Greenauer had backfilled conduit trench, plan is to complete cover repair tomorrow.
	
VISITORS ON SITE:	
CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:	
WEATHER CONDITIONS:	
A.M.: NE 7mph, 72°F sunny	
P.M.: NE 13mph, 82°F	
IMPORTANT TELEPHONE CALLS:	
PERSONNEL ON SITE: CMC	
SIGNATURE	DATE: 5/29/18
Charlotte Clark	

DAILY LOG	DATE	5	30	18
	NO.	1		1
	SHEET	OF		

FIELD ACTIVITY DAILY LOG

PROJECT NAME: Silos At Elk	PROJECT NO. B0381-017-009
PROJECT LOCATION: Buffalo, New York	CLIENT: Young + Wright Architectural
FIELD ACTIVITY: Oversight during post COC redevelopment activities	
DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:	
TIME	DESCRIPTION
9:45-11:00	<p>On-site, took photos of demarc being placed and cover material being graded over. confined demarc is being tied into existing demarc on perimeter of work area.</p> <p>No camp, only moving clean cover material.</p> <div style="text-align: right; margin-top: 20px;">  </div>
VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
WEATHER CONDITIONS:	IMPORTANT TELEPHONE CALLS:
A.M.: E 8 mph, 75°F sunny P.M.: S 15 mph 88°F sunny	
PERSONNEL ON SITE: CMC	
SIGNATURE	DATE:
Charlotte Clark	5/30/18

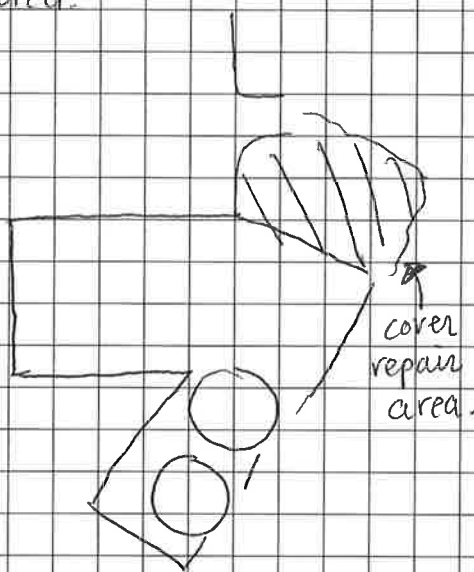
FIELD ACTIVITY DAILY LOG

PROJECT NAME: Silos At Elk	PROJECT NO. B0381-017-009
PROJECT LOCATION: Buffalo, New York	CLIENT: Young + Wright Architectural
FIELD ACTIVITY: Oversight during post COC redevelopment activities	
DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:	
TIME	DESCRIPTION
6-45-7-15	<p>On-site to grab some photos</p> <p>Greenauer is stopping half way, client was doesn't want total cover until all redevelopment work is completed along the building.</p> <p>Jack, Greenauer, said he would give me a call when he heard they would be completing the rest of the cover.</p> <div style="text-align: right;">  </div>
VISITORS ON SITE:	
CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:	
WEATHER CONDITIONS:	
A.M.: S 10 mph 77°F	
P.M.: —	
IMPORTANT TELEPHONE CALLS:	
PERSONNEL ON SITE: CMC	
SIGNATURE: Charlotte Clark	DATE:

FIELD ACTIVITY DAILY LOG

PROJECT NAME: Silos At Elk	PROJECT NO. B0381-017-009
PROJECT LOCATION: Buffalo, New York	CLIENT: Young + Wright Architectural
FIELD ACTIVITY: Oversight during post COC redevelopment activities	

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:

TIME	DESCRIPTION
12:30-1:45	<p>On-site, took photos of remaining damage being placed.</p> <p>requested that Greenauer surveyor collect post final grade shots at from redevelopment work area to confirm 1 foot of cover was restored.</p> <div style="text-align: right; margin-top: 20px;">  <p style="margin-left: 20px;">cover repair area.</p> </div>

VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
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WEATHER CONDITIONS: A.M.: E 10 mph, 28°F P.M.: E 8 mph, 31°F intermittent rain	IMPORTANT TELEPHONE CALLS:
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PERSONNEL ON SITE: CMC

SIGNATURE *Charlette Clark* DATE: 11/15/18

APPENDIX D

COMMUNITY AIR MONITORING PROGRAM (CAMP) DATA AND DAILY LOGS

COMMUNITY AIR MONITORING DAILY LOG

Date: 12/27/17
 Project: Silos at Elk Street Site
 Job No.: B0381-017-009
 Client: Young + Wright Architectural

WEATHER CONDITIONS:

Time of Day:	A.M.	P.M.
Ambient Air Temp.:	9°F	12°F
Wind Direction:	west	west
Wind Speed:	11 mph	15 mph
Precipitation:	none	none.

LOCATION of ACTIVITIES/MONITORING STATIONS (Provide Sketch on Attached Map): drawn on FADL

DESCRIPTION OF SITE ACTIVITIES: Oversight during trenching work for National Fuel

PARTICULATE MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 100 ug/m3 ¹			< 100 ug/m ³		No corrective measures necessary as results were less than the 15 min TWA (100 ug/m ³)
Exceedence of 150 ug/m3 ¹					
Visual Observation of Fugitive Dust			NA		
			NA		
			NA		

VOC MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 5 ppm ¹			45 ppm		Temporarily halt Work and continue monitoring No corrective measures necessary as results were less than the 15 min TWA (5 ppm)
Reading of 5 to 25 ppm ¹					Temporarily halt Work, abate emissions with corrective actions and continue monitoring³
Exceedence of 25 ppm ²					Shut Down Work Immediately and notify Site Safety & Health Officer

1. Above background for 15 minute moving average.
 2. Above background at Site perimeter (indicate location on attached sketch)
 3. Work may resume when total VOC conc. 200 ft downwind or half the distance to nearest receptor (whichever is less) is below 5 ppm for 15 min.
- NOTE: All exceedences are to be reported to Benchmark within 15 minutes.

Prepared By: Charlotte Clark Date: 12/27/17
 Checked By: _____ Date: _____

Timestamp (GMT-5)	VOC (ppm)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (ug/m ³)	Latitude	Longitude
12/27/2017 15:23	0.111	0.1122	17.7	42.8696	-78.8513
12/27/2017 15:22	0.113	0.1116	18	42.8696	-78.8512
12/27/2017 15:21	0.119	0.1105	17.9	42.8696	-78.8512
12/27/2017 15:20	0.11	0.1089	18.1	42.8696	-78.8513
12/27/2017 15:19	0.108	0.1071	18.2	42.8696	-78.8513
12/27/2017 15:18	0.107	0.1047	18.3	42.8696	-78.8512
12/27/2017 15:17	0.115	0.1025	18.1	42.8696	-78.8513
12/27/2017 15:16	0.114	0.1009	18.8	42.8696	-78.8513
12/27/2017 15:15	0.114	0.0987	18.6	42.8696	-78.8512
12/27/2017 15:14	0.12	0.0962	18.3	42.8696	-78.8513
12/27/2017 15:13	0.114	0.0935	18.1	42.8696	-78.8513
12/27/2017 15:12	0.108	0.0903	17	42.8696	-78.8513
12/27/2017 15:11	0.117	0.088	16.6	42.8696	-78.8513
12/27/2017 15:10	0.111	0.0851	15.9	42.8696	-78.8513
12/27/2017 15:09	0.102	0.0824	15.3	42.8696	-78.8513
12/27/2017 15:08	0.102	0.0798	14.9	42.8696	-78.8513
12/27/2017 15:07	0.096	0.0774	14.5	42.8696	-78.8512
12/27/2017 15:06	0.096	0.0755	15.4	42.8696	-78.8513
12/27/2017 15:05	0.082	0.0735	15.7	42.8696	-78.8513
12/27/2017 15:04	0.073	0.0721	15.6	42.8696	-78.8513
12/27/2017 15:03	0.074	0.0707	16.1	42.8696	-78.8512
12/27/2017 15:02	0.09	0.0699	16.3	42.8696	-78.8512
12/27/2017 15:01	0.082	0.0675	15.3	42.8696	-78.8513
12/27/2017 15:00	0.076	0.0655	15	42.8696	-78.8513
12/27/2017 14:59	0.08	0.0638	14.8	42.8696	-78.8513
12/27/2017 14:58	0.065	0.0605	14.6	42.8696	-78.8513
12/27/2017 14:57	0.074	0.0589	14.4	42.8696	-78.8513
12/27/2017 14:56	0.073	0.0564	14.4	42.8696	-78.8513
12/27/2017 14:55	0.071	0.0541	14.4	42.8696	-78.8513
12/27/2017 14:54	0.063	0.052	14.4	42.8696	-78.8513
12/27/2017 14:53	0.066	0.0494	14.3	42.8696	-78.8513
12/27/2017 14:52	0.068	0.0468	14.6	42.8696	-78.8513
12/27/2017 14:51	0.065	0.0449	13.8	42.8696	-78.8513
12/27/2017 14:50	0.061	0.0418	13.2	42.8696	-78.8513
12/27/2017 14:49	0.053	0.0391	12.9	42.8696	-78.8513
12/27/2017 14:48	0.061	0.0369	12.4	42.8696	-78.8513
12/27/2017 14:47	0.055	0.0338	11.9	42.8696	-78.8513
12/27/2017 14:46	0.052	0.0303	12.1	42.8696	-78.8513
12/27/2017 14:45	0.05	0.0272	12.1	42.8696	-78.8513
12/27/2017 14:44	0.03	0.0241	11.9	42.8696	-78.8513
12/27/2017 14:43	0.041	0.0221	11.9	42.8696	-78.8513
12/27/2017 14:42	0.037	0.0195			
12/27/2017 14:41	0.038	0.0173	11.8	42.8696	-78.8513
12/27/2017 14:40	0.04	0.0147	11.9	42.8696	-78.8513
12/27/2017 14:39	0.024	0.0121	11.9	42.8696	-78.8512
12/27/2017 14:38	0.027	0.0105	12.3	42.8696	-78.8512
12/27/2017 14:37	0.04	0.0087	11.9	42.8696	-78.8512
12/27/2017 14:36	0.018	0.006	11.7	42.8696	-78.8513
12/27/2017 14:35	0.02	0.0048	12.2	42.8696	-78.8512
12/27/2017 14:34	0.021	0.0035	12.6	42.8695	-78.8512

12/27/2017 14:33	0.014	0.0021	12.7	42.8695	-78.8512
12/27/2017 14:32	0.002	0.0011	12.8	42.8695	-78.8512
12/27/2017 14:31	0.006	0.0011	12.6	42.8695	-78.8512
12/27/2017 14:30	0.003	0.0006	13.1	42.8696	-78.8512
12/27/2017 14:29	0	0.0004	13.1	42.8695	-78.8512
12/27/2017 14:28	0.003	0.0004	14	42.8695	-78.8513
12/27/2017 14:27	0.003	0.0002	14.3	42.8695	-78.8513
12/27/2017 14:26	0	0	14.4	42.8695	-78.8513
12/27/2017 14:25	0	0	14	42.8695	-78.8512
12/27/2017 14:24	0	0	14.6	42.8696	-78.8512
12/27/2017 14:23	0	0	14.3	42.8696	-78.8513
12/27/2017 14:22	0	0	14.9	42.8695	-78.8513
12/27/2017 14:21	0	0	15.4	42.8696	-78.8513
12/27/2017 14:20	0	0	14.9	42.8696	-78.8512
12/27/2017 14:19	0	0	15.1	42.8695	-78.8513
12/27/2017 14:18	0	0	15.8	42.8695	-78.8513
12/27/2017 14:16	0	0	15.5	42.8695	-78.8513
12/27/2017 14:15	0	0	15.3	42.8695	-78.8512
12/27/2017 14:14	0	0	16	42.8695	-78.8513
12/27/2017 14:13	0	0	15.6	42.8696	-78.8512
12/27/2017 14:12	0	0	15.7	42.8695	-78.8512
12/27/2017 14:11	0	0	15.9	42.8696	-78.8512
12/27/2017 14:10	0	0	15.9	42.8695	-78.8512
12/27/2017 14:09	0	0	15.7	42.8695	-78.8512
12/27/2017 14:08	0	0	15.4	42.8695	-78.8512
12/27/2017 14:07	0	0	15.1	42.8696	-78.8512
12/27/2017 14:06	0	0	14.4	42.8695	-78.8512
12/27/2017 14:05	0	0	14.4	42.8695	-78.8512
12/27/2017 14:04	0	0	13.9	42.8695	-78.8512
12/27/2017 14:03	0	0	13.5	42.8695	-78.8512
12/27/2017 14:02	0	0	13.5	42.8695	-78.8512
12/27/2017 14:01	0	0	13	42.8695	-78.8512
12/27/2017 14:00	0	0	13	42.8695	-78.8512
12/27/2017 13:59	0	0	12.3	42.8695	-78.8512
12/27/2017 13:58	0	0	12	42.8695	-78.8512
12/27/2017 13:57	0	0	11.4	42.8695	-78.8512
12/27/2017 13:56	0	0	11.3	42.8695	-78.8512
12/27/2017 13:55	0	0	11.4	42.8695	-78.8512
12/27/2017 13:54	0	0	10.9	42.8695	-78.8512
12/27/2017 13:53	0	0	11	42.8695	-78.8512
12/27/2017 13:52	0	0	10.8	42.8695	-78.8512
12/27/2017 13:51	0	0	11	42.8696	-78.8512
12/27/2017 13:50	0	0	10.9	42.8695	-78.8512
12/27/2017 13:49	0	0	10.9	42.8695	-78.8512
12/27/2017 13:48	0	0	10.3	42.8695	-78.8512
12/27/2017 13:47	0	0	10.4	42.8695	-78.8512
12/27/2017 13:46	0	0	11	42.8695	-78.8512
12/27/2017 13:45	0	0	11	42.8695	-78.8512
12/27/2017 13:44	0	0	11	42.8695	-78.8512
12/27/2017 13:43	0	0	11	42.8695	-78.8512
12/27/2017 13:42	0	0	12.5	42.8695	-78.8512

12/27/2017 13:41	0	0	11	42.8695	-78.8512
12/27/2017 13:40	0	0		42.8695	-78.8511

COMMUNITY AIR MONITORING DAILY LOG

Date: 12/28/17
 Project: Silos at Elk Street Site
 Job No.: B0381-017-009
 Client: Young + Wright Architectural

WEATHER CONDITIONS:

Time of Day:	A.M.	P.M.
Ambient Air Temp.:	6° F	10° F
Wind Direction:	west	west
Wind Speed:	5 mph	8 mph
Precipitation:	none	none.

LOCATION of ACTIVITIES/MONITORING STATIONS (Provide Sketch on Attached Map): drawn on FADL

DESCRIPTION OF SITE ACTIVITIES: Oversight during trenching work for National Fuel

PARTICULATE MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 100 ug/m ³ ¹			<100 ug/m ³		No corrective measures necessary as results were less than the 15 min TWA (100 ug/m ³)
Exceedence of 150 ug/m ³ ¹					
Visual Observation of Fugitive Dust			NA		
			NA		
			NA		

VOC MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 5 ppm ¹			<5 ppm		Temporarily halt Work and continue monitoring No corrective measures necessary as results were less than the 15 min TWA. (5 ppm)
Reading of 5 to 25 ppm ¹					Temporarily halt Work, abate emissions with corrective actions and continue monitoring ²
Exceedence of 25 ppm ²					Shut Down Work Immediately and notify Site Safety & Health Officer

1. Above background for 15 minute moving average.
 2. Above background at Site perimeter (indicate location on attached sketch)
 3. Work may resume when total VOC conc. 200 ft downwind or half the distance to nearest receptor (whichever is less) is below 5 ppm for 15 min.
NOTE: All exceedences are to be reported to Benchmark within 15 minutes.

Prepared By: Charlotte Clark Date: 12/28/17
 Checked By: _____ Date: _____

Timestamp (GMT-5)	VOC (ppm)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (ug/m ³)	Latitude	Longitude
12/28/2017 11:51	0.029	0.0507		42.8695	-78.8511
12/28/2017 11:50	0.083	0.0512		42.8696	-78.8512
12/28/2017 11:49	0.06	0.0495	45.3	42.8696	-78.8512
12/28/2017 11:48	0.05	0.0487	46.7	42.8696	-78.8512
12/28/2017 11:47	0.058	0.048	46.7	42.8695	-78.8512
12/28/2017 11:46	0.053	0.0486	44.6	42.8695	-78.8512
12/28/2017 11:45	0.058	0.0484	42.9	42.8696	-78.8512
12/28/2017 11:44	0.052	0.0476	43.7	42.8696	-78.8512
12/28/2017 11:43	0.054	0.0471	43.7	42.8695	-78.8512
12/28/2017 11:42	0.063	0.0463	43.5	42.8695	-78.8512
12/28/2017 11:41	0.046	0.0452	43.2	42.8696	-78.8512
12/28/2017 11:40	0.044	0.0455	42.9	42.8696	-78.8512
12/28/2017 11:39	0.048	0.047	41	42.8696	-78.8512
12/28/2017 11:38	0.027	0.0468	40.5	42.8696	-78.8512
12/28/2017 11:37	0.036	0.049	40.2	42.8696	-78.8512
12/28/2017 11:36	0.036	0.0503	40.2	42.8696	-78.8512
12/28/2017 11:35	0.057	0.0519	40	42.8696	-78.8512
12/28/2017 11:34	0.049	0.0517	40.1	42.8696	-78.8512
12/28/2017 11:33	0.039	0.0521	40	42.8695	-78.8512
12/28/2017 11:32	0.067	0.053	39.4	42.8695	-78.8512
12/28/2017 11:31	0.05	0.0532	41.3	42.8696	-78.8512
12/28/2017 11:30	0.046	0.0548	41.4	42.8696	-78.8512
12/28/2017 11:29	0.045	0.0561	41.5	42.8696	-78.8512
12/28/2017 11:28	0.042	0.0588	40.5	42.8695	-78.8512
12/28/2017 11:27	0.046	0.0603	40.1	42.8695	-78.8512
12/28/2017 11:26	0.051	0.0613	41	42.8695	-78.8512
12/28/2017 11:25	0.066	0.0621	40.9	42.8696	-78.8512
12/28/2017 11:24	0.045	0.0617	42.8	42.8696	-78.8512
12/28/2017 11:23	0.06	0.0629	43	42.8695	-78.8512
12/28/2017 11:22	0.055	0.0637	43.2	42.8696	-78.8512
12/28/2017 11:21	0.061	0.0645	43.3	42.8696	-78.8512
12/28/2017 11:20	0.053	0.0644	43.5	42.8696	-78.8512
12/28/2017 11:19	0.055	0.0655	42.4	42.8696	-78.8512
12/28/2017 11:18	0.053	0.0671	0	42.8696	-78.8512
12/28/2017 11:17	0.07	0.0681	41.4	42.8696	-78.8512
12/28/2017 11:16	0.074	0.0687	40.7	42.8696	-78.8512
12/28/2017 11:15	0.066	0.0676	42.2	42.8696	-78.8512
12/28/2017 11:14	0.085	0.0672	42.1	42.8696	-78.8512
12/28/2017 11:13	0.065	0.0662	42.5	42.8696	-78.8512
12/28/2017 11:12	0.061	0.0663	43.1	42.8696	-78.8512
12/28/2017 11:11	0.062	0.0672	42.7	42.8696	-78.8512
12/28/2017 11:10	0.06	0.0667	43.1	42.8696	-78.8512
12/28/2017 11:09	0.064	0.0665	43.3	42.8696	-78.8512
12/28/2017 11:08	0.072	0.066	42.9	42.8696	-78.8512
12/28/2017 11:07	0.067	0.0649	42.3	42.8696	-78.8513
12/28/2017 11:06	0.059	0.0647	40.7	42.8696	-78.8512
12/28/2017 11:05	0.07	0.0645	40.7	42.8696	-78.8512
12/28/2017 11:04	0.078	0.0645	39.8	42.8696	-78.8512
12/28/2017 11:03	0.068	0.063	40.1	42.8696	-78.8512
12/28/2017 11:02	0.079	0.062	41.3	42.8696	-78.8512

12/28/2017 11:01	0.058	0.063	40.3	42.8696	-78.8512
12/28/2017 11:00	0.06	0.063	39.9	42.8696	-78.8512
12/28/2017 10:59	0.07	0.0625	39.5	42.8696	-78.8512
12/28/2017 10:58	0.066	0.061	38.1	42.8696	-78.8512
12/28/2017 10:57	0.075	0.0601	37.8	42.8696	-78.8512
12/28/2017 10:56	0.055	0.0579	38.1	42.8696	-78.8512
12/28/2017 10:55	0.057	0.0569	37.5	42.8696	-78.8512
12/28/2017 10:54	0.056	0.0557	37.3	42.8696	-78.8512
12/28/2017 10:53	0.056	0.0546	37.4	42.8696	-78.8512
12/28/2017 10:52	0.064	0.0536	37.4	42.8696	-78.8512
12/28/2017 10:51	0.056	0.0523	37.9	42.8696	-78.8512
12/28/2017 10:50	0.069	0.0517	37.7	42.8696	-78.8512
12/28/2017 10:49	0.056	0.05	39.3	42.8696	-78.8512
12/28/2017 10:48	0.053	0.0493	38.9	42.8696	-78.8512
12/28/2017 10:47	0.094	0.0483	38.3	42.8696	-78.8512
12/28/2017 10:46	0.058	0.0447	39.8	42.8696	-78.8512
12/28/2017 10:45	0.053	0.0429	40	42.8696	-78.8512
12/28/2017 10:44	0.047	0.042	39.5	42.8696	-78.8512
12/28/2017 10:43	0.052	0.0418	40.1	42.8696	-78.8512
12/28/2017 10:42	0.042	0.0408	39	42.8696	-78.8512
12/28/2017 10:41	0.04	0.0411	35.9	42.8696	-78.8512
12/28/2017 10:40	0.04	0.0411	34.2	42.8696	-78.8512
12/28/2017 10:39	0.039	0.0411	32.4	42.8696	-78.8512
12/28/2017 10:38	0.041	0.0411	30.7	42.8696	-78.8512
12/28/2017 10:37	0.044	0.0407	29.5	42.8696	-78.8512
12/28/2017 10:36	0.047	0.0404	29.4	42.8696	-78.8512
12/28/2017 10:35	0.044	0.0394	28.2	42.8696	-78.8512
12/28/2017 10:34	0.046	0.0383	26.5	42.8696	-78.8512
12/28/2017 10:33	0.038	0.0372	26.1	42.8696	-78.8512
12/28/2017 10:32	0.04	0.0361	25.3	42.8696	-78.8512
12/28/2017 10:31	0.031	0.0355	22.5	42.8696	-78.8512
12/28/2017 10:30	0.039	0.0347	22.6	42.8696	-78.8512
12/28/2017 10:29	0.044	0.0336	23.2	42.8696	-78.8512
12/28/2017 10:28	0.037	0.0321	24.2	42.8696	-78.8512
12/28/2017 10:27	0.046	0.0318	25.4	42.8696	-78.8512
12/28/2017 10:26	0.041	0.0312	28.4	42.8696	-78.8512
12/28/2017 10:25	0.04	0.0304	30.5	42.8695	-78.8512
12/28/2017 10:24	0.038	0.0309	31.9	42.8695	-78.8512
12/28/2017 10:23	0.035	0.0309	34	42.8696	-78.8512
12/28/2017 10:21	0.033	0.0315	34.5	42.8696	-78.8512
12/28/2017 10:20	0.028	0.032	35.4	42.8696	-78.8512
12/28/2017 10:19	0.031	0.0324	36.9	42.8696	-78.8512
12/28/2017 10:18	0.022	0.0329	37.5	42.8696	-78.8512
12/28/2017 10:17	0.032	0.0333	38.8	42.8696	-78.8512
12/28/2017 10:16	0.02	0.0333	41.9	42.8696	-78.8512
12/28/2017 10:15	0.024	0.0337	41.8	42.8696	-78.8512
12/28/2017 10:14	0.023	0.0336	42.2	42.8696	-78.8512
12/28/2017 10:13	0.032	0.034	42.7	42.8696	-78.8512
12/28/2017 10:12	0.038	0.0335	42.9	42.8696	-78.8512
12/28/2017 10:11	0.03	0.0324	43.1	42.8696	-78.8512
12/28/2017 10:10	0.047	0.0317	43.4	42.8696	-78.8512

12/28/2017 10:09	0.038	0.0296	44	42.8696	-78.8513
12/28/2017 10:08	0.033	0.0284	42.9	42.8696	-78.8512
12/28/2017 10:07	0.041	0.0274	42.5	42.8696	-78.8512
12/28/2017 10:06	0.041	0.0256	42.5	42.8696	-78.8512
12/28/2017 10:05	0.034	0.0235	42.1	42.8695	-78.8512
12/28/2017 10:04	0.038	0.0219	42.1	42.8695	-78.8511
12/28/2017 10:03	0.029	0.0209	41.9	42.8695	-78.8511
12/28/2017 10:02	0.032	0.0203	40.9	42.8695	-78.8511
12/28/2017 10:01	0.026	0.0186	40.1	42.8695	-78.8512
12/28/2017 10:00	0.022	0.017	40.1	42.8695	-78.8512
12/28/2017 9:59	0.029	0.0155	39.6	42.8695	-78.8512
12/28/2017 9:58	0.024	0.0136	39.4	42.8695	-78.8512
12/28/2017 9:57	0.022	0.0121	39.3	42.8695	-78.8512
12/28/2017 9:56	0.019	0.0106	39.1	42.8695	-78.8512
12/28/2017 9:55	0.016	0.0093	38.7	42.8695	-78.8511
12/28/2017 9:54	0.02	0.0083	38.6	42.8695	-78.8511
12/28/2017 9:53	0.018	0.0069	40	42.8696	-78.8512
12/28/2017 9:52	0.014	0.0057	40.7	42.8695	-78.8512
12/28/2017 9:51	0.01	0.0048	41.9	42.8695	-78.8511
12/28/2017 9:50	0.01	0.0041	42.5	42.8696	-78.8512
12/28/2017 9:49	0.022	0.0035	42.8	42.8695	-78.8512
12/28/2017 9:48	0.021	0.002	42.9	42.8695	-78.8511
12/28/2017 9:47	0.006	0.0006	43.9	42.8695	-78.8512
12/28/2017 9:46	0.002	0.0002	44.5	42.8695	-78.8512
12/28/2017 9:45	0	0.0001	44.6	42.8696	-78.8512
12/28/2017 9:44	0	0.0001	44.9	42.8696	-78.8512
12/28/2017 9:43	0.001	0.0001	45.1	42.8696	-78.8512
12/28/2017 9:42	0	0	45.2	42.8695	-78.8512
12/28/2017 9:41	0	0	45.5	42.8696	-78.8512
12/28/2017 9:40	0	0	45.7	42.8696	-78.8512
12/28/2017 9:39	0	0	46	42.8696	-78.8512
12/28/2017 9:38	0	0	46	42.8695	-78.8512
12/28/2017 9:37	0	0	45.9	42.8696	-78.8512
12/28/2017 9:36	0	0	46	42.8696	-78.8512
12/28/2017 9:35	0	0	46.1	42.8695	-78.8512
12/28/2017 9:34	0	0	46	42.8696	-78.8512
12/28/2017 9:33	0	0	46.1	42.8695	-78.8512
12/28/2017 9:32	0	0	46.1	42.8695	-78.8512
12/28/2017 9:31	0	0	45.7	42.8695	-78.8512
12/28/2017 9:29	0	0	45.9	42.8695	-78.8512
12/28/2017 9:28	0	0	45.5	42.8695	-78.8512
12/28/2017 9:27	0	0	45.5	42.8695	-78.8512
12/28/2017 9:26	0	0	45.6	42.8695	-78.8512
12/28/2017 9:25	0	0	45.8	42.8695	-78.8512
12/28/2017 9:24	0	0	45.7	42.8695	-78.8512
12/28/2017 9:23	0	0	45.7	42.8695	-78.8512
12/28/2017 9:22	0	0	46.2	42.8696	-78.8512
12/28/2017 9:21	0	0	46.1	42.8696	-78.8512
12/28/2017 9:20	0	0	46	42.8695	-78.8512
12/28/2017 9:19	0	0	46.1	42.8695	-78.8512
12/28/2017 9:18	0	0	46.2	42.8695	-78.8512

12/28/2017 9:17	0	0	46.3	42.8695	-78.8512
12/28/2017 9:16	0	0	46.7	42.8695	-78.8512
12/28/2017 9:15	0	0	46.4	42.8695	-78.8512
12/28/2017 9:14	0	0	46.1	42.8695	-78.8512
12/28/2017 9:13	0	0	46.4	42.8695	-78.8512
12/28/2017 9:12	0	0	46.1	42.8695	-78.8512
12/28/2017 9:11	0	0	46.1	42.8695	-78.8512
12/28/2017 9:10	0	0	45.5	42.8696	-78.8512
12/28/2017 9:09	0	0	45.9	42.8696	-78.8512
12/28/2017 9:08	0	0	45.9	42.8696	-78.8512
12/28/2017 9:07	0	0	44.8	42.8695	-78.8512
12/28/2017 9:06	0	0	44.4	42.8695	-78.8512
12/28/2017 9:05	0	0	44.4	42.8695	-78.8512
12/28/2017 9:04	0	0	44.6	42.8695	-78.8512
12/28/2017 9:03	0	0	44.1	42.8695	-78.8512
12/28/2017 9:02	0	0	43.5	42.8695	-78.8512
12/28/2017 9:01	0	0	43.3	42.8695	-78.8512
12/28/2017 9:00	0	0	43.6	42.8695	-78.8513
12/28/2017 8:59	0	0	43.9	42.8695	-78.8512
12/28/2017 8:58	0	0	44.1	42.8695	-78.8513
12/28/2017 8:57	0	0	44.7	42.8696	-78.8512
12/28/2017 8:56	0	0	44.7	42.8695	-78.8512
12/28/2017 8:55	0	0	45.5	42.8695	-78.8512
12/28/2017 8:54	0	0	45.5	42.8696	-78.8513
12/28/2017 8:53	0	0	45.8	42.8695	-78.8512
12/28/2017 8:52	0	0	46.7	42.8695	-78.8512
12/28/2017 8:51	0	0	46.8	42.8695	-78.8512
12/28/2017 8:50	0	0	47	42.8696	-78.8512
12/28/2017 8:49	0	0	46.9	42.8696	-78.8512
12/28/2017 8:48	0	0	47.3	42.8695	-78.8512
12/28/2017 8:47	0	0	47.5	42.8695	-78.8512
12/28/2017 8:46	0	0	47.1	42.8696	-78.8512
12/28/2017 8:45	0	0	47.1	42.8695	-78.8512
12/28/2017 8:44	0	0	47.2	42.8695	-78.8512
12/28/2017 8:43	0	0	47.1	42.8696	-78.8512
12/28/2017 8:42	0	0	47.2	42.8696	-78.8512
12/28/2017 8:41	0	0	47.4	42.8695	-78.8512
12/28/2017 8:40	0	0	47.5	42.8696	-78.8512
12/28/2017 8:39	0	0	47.6	42.8696	-78.8512
12/28/2017 8:38	0	0	47.5	42.8695	-78.8512
12/28/2017 8:37	0	0	47.6	42.8695	-78.8512
12/28/2017 8:36	0	0	48.2	42.8696	-78.8512
12/28/2017 8:35	0	0	48.2	42.8695	-78.8512
12/28/2017 8:34	0	0	48.3	42.8696	-78.8512
12/28/2017 8:33	0	0	48.5	42.8696	-78.8512
12/28/2017 8:32	0	0	49.2	42.8696	-78.8512
12/28/2017 8:31	0	0	50.6	42.8696	-78.8512
12/28/2017 8:30	0	0	51	42.8696	-78.8512
12/28/2017 8:29	0	0	51.3	42.8696	-78.8512
12/28/2017 8:28	0	0	51.8	42.8696	-78.8512
12/28/2017 8:27	0	0	51.5	42.8696	-78.8513

12/28/2017 8:26	0	0	51.3	42.8696	-78.8512
12/28/2017 8:25	0	0	50.5	42.8696	-78.8512
12/28/2017 8:24	0	0	50	42.8696	-78.8512
12/28/2017 8:23	0	0		42.8696	-78.8512

COMMUNITY AIR MONITORING DAILY LOG

Date: 5/21/18
 Project: Silos at Elk
 Job No.: B0381-017-009
 Client: Young + Wright

WEATHER CONDITIONS:

Time of Day:	A.M.	P.M.
Ambient Air Temp.:	60°F	70°F
Wind Direction:	ENE	ENE
Wind Speed:	8 mph	8 mph
Precipitation:		

LOCATION of ACTIVITIES/MONITORING STATIONS (Provide Sketch on Attached Map):

DESCRIPTION OF SITE ACTIVITIES: CAMP oversight during post COC redevelopment activities

PARTICULATE MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 100 ug/m3 ¹			>100 ug/m ³		less than 100 ug/m ³ action limit
Exceedence of 150 ug/m3 ¹					
Visual Observation of Fugitive Dust			NA		
			NA		
			NA		

VOC MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 5 ppm ¹			>5 ppm		Temporarily halt Work and continue monitoring less than 5 ppm action limit.
Reading of 5 to 25 ppm ¹					Temporarily halt Work, abate emissions with corrective actions and continue monitoring ³ .
Exceedence of 25 ppm ²					Shut Down Work immediately and notify Site Safety & Health Officer

- Above background for 15 minute moving average.
- Above background at Site perimeter (indicate location on attached sketch)
- Work may resume when total VOC conc. 200 ft downwind or half the distance to nearest receptor (whichever is less) is below 5 ppm for 15 min.

NOTE: All exceedences are to be reported to Benchmark within 15 minutes.

Prepared By: CMC Date: 5/21/18
 Checked By: _____ Date: _____

Timestamp (GMT-4)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Latitude	Longitude
5/21/2018 9:24	0.132	0.009	42.8697	-78.852
5/21/2018 9:25	0.132	0.0085	42.8696	-78.8519
5/21/2018 9:26	0.132	0.0093	42.8696	-78.852
5/21/2018 9:27	0.131	0.0095	42.8697	-78.852
5/21/2018 9:28	0.131	0.0096	42.8696	-78.852
5/21/2018 9:29	0.13	0.0095	42.8696	-78.852
5/21/2018 9:30	0.13	0.0094	42.8697	-78.852
5/21/2018 9:31	0.13	0.0094	42.8696	-78.8519
5/21/2018 9:32	0.129	0.0094	42.8696	-78.8519
5/21/2018 9:33	0.129	0.0096	42.8697	-78.852
5/21/2018 9:34	0.128	0.0098	42.8697	-78.852
5/21/2018 9:35	0.128		42.8697	-78.8519
5/21/2018 9:37	0.128	0.0099	42.8697	-78.8519
5/21/2018 9:38	0.127	0.01	42.8696	-78.852
5/21/2018 9:39	0.127	0.01	42.8697	-78.852
5/21/2018 9:40	0.127	0.0101	42.8697	-78.852
5/21/2018 9:41	0.126	0.0107	42.8696	-78.852
5/21/2018 9:42	0.126	0.0105	42.8697	-78.852
5/21/2018 9:43	0.125	0.0104	42.8696	-78.852
5/21/2018 9:44	0.125	0.0105	42.8696	-78.852
5/21/2018 9:45	0.125	0.0105	42.8696	-78.852
5/21/2018 9:46	0.124	0.0107	42.8696	-78.852
5/21/2018 9:47	0.124	0.0109	42.8696	-78.852
5/21/2018 9:48	0.123	0.0109	42.8696	-78.852
5/21/2018 9:49	0.123	0.0108	42.8696	-78.852
5/21/2018 9:50	0.123	0.0109	42.8696	-78.852
5/21/2018 9:51	0.122	0.0109	42.8696	-78.852
5/21/2018 9:52	0.122	0.0109	42.8696	-78.852
5/21/2018 9:53	0.122	0.0108	42.8696	-78.852
5/21/2018 9:54	0.121	0.0113	42.8696	-78.852
5/21/2018 9:55	0.121	0.0114	42.8696	-78.852
5/21/2018 9:56	0.121	0.0109	42.8696	-78.852
5/21/2018 9:57	0.12	0.0111	42.8696	-78.852
5/21/2018 9:58	0.12	0.0113	42.8696	-78.852
5/21/2018 9:59	0.119	0.0113	42.8696	-78.852
5/21/2018 10:00	0.119	0.0113	42.8696	-78.852
5/21/2018 10:01	0.119	0.0109	42.8696	-78.852
5/21/2018 10:02	0.118	0.0106	42.8696	-78.852
5/21/2018 10:03	0.118	0.0103	42.8696	-78.852
5/21/2018 10:04	0.118	0.0103	42.8696	-78.852
5/21/2018 10:05	0.117	0.0103	42.8696	-78.852
5/21/2018 10:06	0.117	0.0101	42.8696	-78.852
5/21/2018 10:07	0.117	0.0099	42.8696	-78.852
5/21/2018 10:08	0.117	0.0097	42.8696	-78.852
5/21/2018 10:09	0.116	0.0091	42.8696	-78.852
5/21/2018 10:10	0.116	0.0097	42.8696	-78.852

5/21/2018 10:11	0.116	0.0099	42.8696	-78.852
5/21/2018 10:12	0.115	0.0101	42.8696	-78.852
5/21/2018 10:13	0.115	0.0099	42.8696	-78.852
5/21/2018 10:14	0.115	0.01	42.8696	-78.852
5/21/2018 10:15	0.114	0.0101	42.8696	-78.852
5/21/2018 10:16	0.114	0.0103	42.8696	-78.852
5/21/2018 10:17	0.114	0.0107	42.8696	-78.852
5/21/2018 10:18	0.113	0.0111	42.8696	-78.852
5/21/2018 10:19	0.113	0.0111	42.8696	-78.852
5/21/2018 10:20	0.113	0.0113	42.8696	-78.852
5/21/2018 10:21	0.112	0.0113	42.8696	-78.852
5/21/2018 10:22	0.112	0.0113	42.8696	-78.852
5/21/2018 10:23	0.112	0.0115	42.8696	-78.852
5/21/2018 10:24	0.111	0.0115	42.8696	-78.852
5/21/2018 10:25	0.111	0.0107	42.8696	-78.852
5/21/2018 10:26	0.111	0.0103	42.8696	-78.852
5/21/2018 10:27	0.11	0.0102	42.8696	-78.852
5/21/2018 10:28	0.11	0.01	42.8696	-78.852
5/21/2018 10:29	0.11	0.0098	42.8696	-78.852
5/21/2018 10:30	0.11	0.0098	42.8696	-78.852
5/21/2018 10:31	0.109	0.0095	42.8696	-78.852
5/21/2018 10:32	0.109	0.0094	42.8696	-78.852
5/21/2018 10:33	0.109	0.0091	42.8696	-78.852
5/21/2018 10:34	0.108	0.0097	42.8696	-78.852
5/21/2018 10:35	0.108	0.0093	42.8696	-78.852
5/21/2018 10:36	0.108	0.0096	42.8696	-78.852
5/21/2018 10:37	0.107	0.0097	42.8696	-78.852
5/21/2018 10:38	0.107	0.0097	42.8696	-78.852
5/21/2018 10:39	0.107	0.0098	42.8696	-78.852
5/21/2018 10:40	0.106	0.0099	42.8696	-78.852
5/21/2018 10:41	0.106	0.01	42.8696	-78.852
5/21/2018 10:42	0.106	0.01	42.8696	-78.852
5/21/2018 10:43	0.105	0.0102	42.8696	-78.852
5/21/2018 10:47	0.105	0.0109	42.8696	-78.852
5/21/2018 10:48	0.105	0.011	42.8696	-78.852
5/21/2018 10:49	0.104	0.0105	42.8696	-78.852
5/21/2018 10:50	0.104	0.0106	42.8696	-78.852
5/21/2018 10:51	0.104	0.0104	42.8696	-78.852
5/21/2018 10:52	0.104	0.0103	42.8696	-78.852
5/21/2018 10:53	0.103	0.0102	42.8696	-78.852
5/21/2018 10:54	0.103	0.0107	42.8696	-78.852
5/21/2018 10:55	0.103	0.0107	42.8696	-78.852
5/21/2018 10:56	0.102	0.0107	42.8696	-78.852
5/21/2018 10:57	0.102	0.0109	42.8696	-78.852
5/21/2018 10:58	0.102	0.0111	42.8696	-78.852
5/21/2018 10:59	0.101	0.0112	42.8696	-78.852
5/21/2018 11:00	0.101	0.0111	42.8696	-78.852

5/21/2018 11:01	0.101	0.011	42.8696	-78.852
5/21/2018 11:02	0.1	0.0108	42.8696	-78.852
5/21/2018 11:03	0.1	0.0107	42.8696	-78.852
5/21/2018 11:04	0.1	0.0107	42.8696	-78.852
5/21/2018 11:05	0.099	0.0107	42.8696	-78.852
5/21/2018 11:06	0.099	0.0106	42.8696	-78.852
5/21/2018 11:07	0.099	0.0107	42.8696	-78.852
5/21/2018 11:08	0.098	0.0109	42.8696	-78.852
5/21/2018 11:09	0.098	0.0107	42.8696	-78.852
5/21/2018 11:10	0.098	0.0107	42.8696	-78.852
5/21/2018 11:11	0.097	0.0106	42.8696	-78.852
5/21/2018 11:12	0.097	0.0104	42.8696	-78.852
5/21/2018 11:13	0.097	0.0102	42.8696	-78.852
5/21/2018 11:14	0.096	0.0101	42.8696	-78.852
5/21/2018 11:15	0.096	0.0101	42.8696	-78.852
5/21/2018 11:16	0.096	0.0101	42.8696	-78.852
5/21/2018 11:17	0.095	0.0105	42.8696	-78.852
5/21/2018 11:18	0.095	0.0111	42.8696	-78.852
5/21/2018 11:19	0.095	0.0111	42.8696	-78.852
5/21/2018 11:20	0.094	0.0112	42.8696	-78.852
5/21/2018 11:21	0.094	0.0112	42.8696	-78.852
5/21/2018 11:22	0.094	0.0112	42.8696	-78.852
5/21/2018 11:23	0.094	0.0111	42.8696	-78.852
5/21/2018 11:24	0.093	0.0109	42.8696	-78.852
5/21/2018 11:25	0.093	0.0109	42.8696	-78.852
5/21/2018 11:26	0.093	0.0114	42.8696	-78.852
5/21/2018 11:27	0.092	0.0127	42.8696	-78.852
5/21/2018 11:28	0.092	0.0135	42.8696	-78.852
5/21/2018 11:29	0.092	0.0137	42.8696	-78.852
5/21/2018 11:30	0.091	0.014	42.8696	-78.852
5/21/2018 11:31	0.091	0.0145	42.8696	-78.852
5/21/2018 11:32	0.091	0.0143	42.8696	-78.852
5/21/2018 11:33	0.09	0.0142	42.8696	-78.852
5/21/2018 11:34	0.09	0.0143	42.8696	-78.852
5/21/2018 11:35	0.09	0.0145	42.8696	-78.852
5/21/2018 11:36	0.089	0.0145	42.8696	-78.852
5/21/2018 11:37	0.089	0.0145	42.8696	-78.852
5/21/2018 11:38	0.089	0.0147	42.8696	-78.852
5/21/2018 11:39	0.088	0.0148	42.8696	-78.852
5/21/2018 11:40	0.088	0.0152	42.8696	-78.852
5/21/2018 11:41	0.088	0.0147	42.8696	-78.852
5/21/2018 11:42	0.088	0.0136	42.8696	-78.852
5/21/2018 11:43	0.087	0.0129	42.8696	-78.852
5/21/2018 11:44	0.087	0.0128	42.8696	-78.852
5/21/2018 11:45	0.087	0.0127	42.8696	-78.852
5/21/2018 11:46	0.086	0.0122	42.8696	-78.852
5/21/2018 11:47	0.086	0.0121	42.8696	-78.852

5/21/2018 11:48	0.086	0.0117	42.8696	-78.852
5/21/2018 11:49	0.085	0.0117	42.8696	-78.852
5/21/2018 11:50	0.085	0.0115	42.8696	-78.852
5/21/2018 11:51	0.085	0.0115	42.8696	-78.852
5/21/2018 11:52	0.085	0.0115	42.8696	-78.852
5/21/2018 11:53	0.084	0.0116	42.8696	-78.852
5/21/2018 11:54	0.084	0.0117	42.8696	-78.852
5/21/2018 11:55	0.084	0.0113	42.8696	-78.852
5/21/2018 11:56	0.083	0.0115	42.8696	-78.852
5/21/2018 11:57	0.083	0.0117	42.8696	-78.852
5/21/2018 11:58	0.083	0.012	42.8696	-78.852
5/21/2018 11:59	0.082	0.0119	42.8696	-78.852
5/21/2018 12:00	0.082	0.0117	42.8696	-78.852
5/21/2018 12:01	0.082	0.0117	42.8696	-78.852
5/21/2018 12:02	0.082	0.0116	42.8696	-78.852
5/21/2018 12:03	0.081	0.0134	42.8696	-78.852
5/21/2018 12:04	0.081	0.0134	42.8696	-78.852
5/21/2018 12:05	0.081	0.0134	42.8696	-78.852
5/21/2018 12:06	0.08		42.8696	-78.852
5/21/2018 12:10	0.08	0.0141	42.8696	-78.852
5/21/2018 12:11	0.08	0.0143	42.8696	-78.852
5/21/2018 12:12	0.079	0.0138	42.8696	-78.852
5/21/2018 12:13	0.079	0.0133	42.8696	-78.852
5/21/2018 12:14	0.079	0.0134	42.8696	-78.852
5/21/2018 12:15	0.078	0.0138	42.8696	-78.852
5/21/2018 12:16	0.078	0.0137	42.8696	-78.852
5/21/2018 12:17	0.078	0.0138	42.8696	-78.852
5/21/2018 12:18	0.077	0.0115	42.8696	-78.852
5/21/2018 12:19	0.077	0.0113	42.8696	-78.852
5/21/2018 12:20	0.077	0.0113	42.8696	-78.852
5/21/2018 12:21	0.077	0.0114	42.8696	-78.852
5/21/2018 12:22	0.076	0.0114	42.8696	-78.852
5/21/2018 12:23	0.076	0.0113	42.8696	-78.852
5/21/2018 12:24	0.076	0.0113	42.8696	-78.852
5/21/2018 12:25	0.075	0.0115	42.8696	-78.852
5/21/2018 12:26	0.075	0.0111	42.8696	-78.852
5/21/2018 12:27	0.075	0.0113	42.8696	-78.852
5/21/2018 12:28	0.074	0.0114	42.8696	-78.852
5/21/2018 12:29	0.074	0.0114	42.8696	-78.852
5/21/2018 12:30	0.074	0.0113	42.8696	-78.852
5/21/2018 12:31	0.073	0.0114	42.8696	-78.852
5/21/2018 12:32	0.073	0.0113	42.8696	-78.852
5/21/2018 12:33	0.073	0.0113	42.8696	-78.852
5/21/2018 12:34	0.072	0.0113	42.8696	-78.852
5/21/2018 12:35	0.072	0.0117	42.8696	-78.852
5/21/2018 12:36	0.072	0.0115	42.8696	-78.852
5/21/2018 12:37	0.072	0.0116	42.8696	-78.852

5/21/2018 12:38	0.071	0.0119	42.8696	-78.852
5/21/2018 12:39	0.071	0.0123	42.8696	-78.852
5/21/2018 12:40	0.071	0.0123	42.8696	-78.852
5/21/2018 12:41	0.07	0.0125	42.8696	-78.852
5/21/2018 12:42	0.07	0.0125	42.8696	-78.852
5/21/2018 12:43	0.07	0.0124	42.8696	-78.852
5/21/2018 12:44	0.069	0.0124	42.8696	-78.852
5/21/2018 12:45	0.069	0.0123	42.8696	-78.852
5/21/2018 12:46	0.069	0.0123	42.8696	-78.852
5/21/2018 12:47		0.0125	42.8696	-78.852
5/21/2018 12:48	0.068	0.0125	42.8696	-78.852
5/21/2018 12:49	0.068	0.0127	42.8696	-78.852
5/21/2018 12:50	0.068	0.0123	42.8696	-78.852
5/21/2018 12:51	0.067	0.0124	42.8696	-78.852
5/21/2018 12:52	0.067	0.0123	42.8696	-78.852
5/21/2018 12:53		0.0122	42.8696	-78.852
5/21/2018 12:54	0.067	0.0117	42.8696	-78.852
5/21/2018 12:55	0.066	0.0118	42.8696	-78.852
5/21/2018 12:56	0.066	0.0117	42.8696	-78.852
5/21/2018 12:57	0.066	0.0119	42.8696	-78.852
5/21/2018 12:58	0.066	0.0119	42.8696	-78.852
5/21/2018 12:59	0.065	0.012	42.8696	-78.852
5/21/2018 13:00	0.065	0.0119	42.8696	-78.852
5/21/2018 13:01	0.065	0.0121	42.8696	-78.852
5/21/2018 13:02	0.064	0.012	42.8696	-78.852
5/21/2018 13:03	0.064	0.012	42.8696	-78.852
5/21/2018 13:04	0.064	0.0119	42.8696	-78.852
5/21/2018 13:05	0.063	0.0121	42.8696	-78.852
5/21/2018 13:06	0.063	0.0121	42.8696	-78.852
5/21/2018 13:07	0.063	0.0122	42.8696	-78.852
5/21/2018 13:08	0.062	0.0123	42.8696	-78.852
5/21/2018 13:09	0.062	0.0125	42.8696	-78.852
5/21/2018 13:10	0.062	0.0123	42.8696	-78.852
5/21/2018 13:11	0.061	0.0121	42.8696	-78.852
5/21/2018 13:12	0.061	0.0121	42.8696	-78.852
5/21/2018 13:13	0.061	0.0119	42.8696	-78.852
5/21/2018 13:14	0.06	0.0119	42.8696	-78.852
5/21/2018 13:15	0.06	0.0121	42.8696	-78.852
5/21/2018 13:16	0.06	0.012	42.8696	-78.852
5/21/2018 13:17	0.059	0.012	42.8696	-78.852
5/21/2018 13:18	0.059	0.012	42.8696	-78.852
5/21/2018 13:19	0.059	0.0118	42.8696	-78.852
5/21/2018 13:20	0.058	0.0117	42.8696	-78.852
5/21/2018 13:21	0.058	0.0116	42.8696	-78.852
5/21/2018 13:22	0.058	0.0113	42.8696	-78.852
5/21/2018 13:23	0.058	0.0109	42.8696	-78.852
5/21/2018 13:24	0.057	0.0107	42.8696	-78.852

5/21/2018 13:25	0.057	0.0107	42.8696	-78.852
5/21/2018 13:26	0.057	0.0107	42.8696	-78.852
5/21/2018 13:27	0.056	0.0104	42.8696	-78.852
5/21/2018 13:28	0.056	0.0103	42.8696	-78.852
5/21/2018 13:29		0.0101	42.8696	-78.852
5/21/2018 13:30	0.056	0.01	42.8696	-78.852
5/21/2018 13:31	0.055	0.0102	42.8696	-78.852
5/21/2018 13:32	0.055	0.0099	42.8696	-78.852
5/21/2018 13:33	0.054	0.0098	42.8696	-78.852
5/21/2018 13:34	0.054	0.0099	42.8696	-78.852
5/21/2018 13:35	0.054	0.0099	42.8696	-78.852
5/21/2018 13:36	0.053	0.0099	42.8696	-78.852
5/21/2018 13:37	0.053	0.0099	42.8696	-78.852
5/21/2018 13:38	0.053	0.01	42.8696	-78.852
5/21/2018 13:39	0.052	0.0099	42.8696	-78.852
5/21/2018 13:40	0.052	0.0097	42.8696	-78.852
5/21/2018 13:41	0.052	0.0096	42.8696	-78.852
5/21/2018 13:42	0.051	0.0101	42.8696	-78.852
5/21/2018 13:43	0.051	0.0103	42.8696	-78.852
5/21/2018 13:44	0.051	0.0103	42.8696	-78.852
5/21/2018 13:45	0.05	0.0104	42.8696	-78.852
5/21/2018 13:46	0.05	0.0101	42.8696	-78.852
5/21/2018 13:47	0.05	0.0101	42.8696	-78.852
5/21/2018 13:48	0.049	0.0103	42.8696	-78.852
5/21/2018 13:49	0.049	0.0101	42.8696	-78.852
5/21/2018 13:50	0.049	0.01	42.8696	-78.852
5/21/2018 13:51	0.048	0.0101	42.8696	-78.852
5/21/2018 13:52	0.048	0.0101	42.8696	-78.852
5/21/2018 13:53	0.048	0.0101	42.8696	-78.852
5/21/2018 13:54	0.047	0.01	42.8696	-78.852
5/21/2018 13:58	0.047	0.0099	42.8696	-78.852
5/21/2018 13:59	0.046	0.0112	42.8696	-78.852
5/21/2018 14:00	0.046	0.0111	42.8696	-78.852
5/21/2018 14:01	0.046	0.0111	42.8696	-78.852
5/21/2018 14:02	0.045	0.0111	42.8696	-78.852
5/21/2018 14:03	0.045	0.011	42.8696	-78.852
5/21/2018 14:04	0.045	0.0109	42.8696	-78.852
5/21/2018 14:05	0.044	0.0112	42.8696	-78.852
5/21/2018 14:06	0.044	0.011	42.8696	-78.852
5/21/2018 14:07	0.044	0.011	42.8696	-78.852
5/21/2018 14:08		0.0112	42.8696	-78.852
5/21/2018 14:09	0.043	0.0112	42.8696	-78.852
5/21/2018 14:10	0.043	0.0111	42.8696	-78.852
5/21/2018 14:11	0.042	0.0109	42.8696	-78.852
5/21/2018 14:12	0.042	0.0109	42.8696	-78.852
5/21/2018 14:13	0.042	0.0109	42.8696	-78.852
5/21/2018 14:14		0.0103	42.8696	-78.852

5/21/2018 14:15	0.041	0.0101	42.8696	-78.852
5/21/2018 14:16	0.041	0.0101	42.8696	-78.852
5/21/2018 14:17	0.041	0.0103	42.8696	-78.852
5/21/2018 14:18	0.04	0.0102	42.8696	-78.852
5/21/2018 14:19	0.04	0.0102	42.8696	-78.852
5/21/2018 14:20	0.039	0.01	42.8696	-78.852
5/21/2018 14:21	0.039	0.01	42.8696	-78.852
5/21/2018 14:22	0.039	0.0101	42.8696	-78.852
5/21/2018 14:23	0.038	0.0099	42.8696	-78.852
5/21/2018 14:24	0.038	0.01	42.8696	-78.852
5/21/2018 14:25	0.038	0.0102	42.8696	-78.852
5/21/2018 14:26	0.037	0.0103	42.8696	-78.852
5/21/2018 14:27	0.037	0.0102	42.8696	-78.852
5/21/2018 14:28	0.036	0.01	42.8696	-78.852
5/21/2018 14:29	0.036	0.0102	42.8696	-78.852
5/21/2018 14:30	0.036	0.0103	42.8696	-78.852
5/21/2018 14:31	0.035	0.0109	42.8696	-78.852
5/21/2018 14:32	0.035	0.0111	42.8696	-78.852
5/21/2018 14:33	0.034	0.0111	42.8696	-78.852
5/21/2018 14:34	0.034	0.0112	42.8696	-78.852
5/21/2018 14:35	0.033	0.0112	42.8696	-78.852
5/21/2018 14:36	0.033	0.0112	42.8696	-78.852
5/21/2018 14:37	0.033	0.0117	42.8696	-78.852
5/21/2018 14:38	0.032	0.0135	42.8696	-78.852
5/21/2018 14:39	0.032	0.0138	42.8696	-78.852
5/21/2018 14:40	0.031	0.0151	42.8696	-78.852
5/21/2018 14:41	0.031	0.0154	42.8696	-78.852
5/21/2018 14:42	0.031	0.0155	42.8696	-78.852
5/21/2018 14:43	0.03	0.0155	42.8696	-78.852
5/21/2018 14:44	0.03	0.0159	42.8696	-78.852
5/21/2018 14:45	0.03	0.0157	42.8696	-78.852
5/21/2018 14:46	0.029	0.0223	42.8696	-78.852
5/21/2018 14:47	0.029	0.0249	42.8696	-78.852
5/21/2018 14:48	0.028	0.0281	42.8696	-78.852
5/21/2018 14:49	0.028	0.028	42.8696	-78.852
5/21/2018 14:50	0.028	0.0281	42.8696	-78.852
5/21/2018 14:51	0.027	0.0281	42.8696	-78.852
5/21/2018 14:52	0.027	0.0281	42.8696	-78.852
5/21/2018 14:53	0.027	0.0265	42.8696	-78.852
5/21/2018 14:54	0.026	0.0275	42.8696	-78.852
5/21/2018 14:55	0.026	0.026	42.8696	-78.852
5/21/2018 14:56	0.026	0.0257	42.8696	-78.852
5/21/2018 14:57	0.025	0.0256	42.8696	-78.852
5/21/2018 14:58	0.025	0.0258	42.8696	-78.852
5/21/2018 14:59	0.024	0.0253	42.8696	-78.852
5/21/2018 15:00	0.024	0.0252	42.8696	-78.852
5/21/2018 15:01	0.024	0.0181	42.8696	-78.852

5/21/2018 15:02	0.023	0.0153	42.8696	-78.852
5/21/2018 15:03	0.023	0.0119	42.8696	-78.852
5/21/2018 15:04	0.023	0.0119	42.8696	-78.852
5/21/2018 15:05	0.022	0.0119	42.8696	-78.852
5/21/2018 15:06	0.022	0.0118	42.8696	-78.852
5/21/2018 15:07	0.022	0.0113	42.8696	-78.852
5/21/2018 15:08	0.021	0.011	42.8696	-78.852
5/21/2018 15:09	0.021	0.0099	42.8696	-78.852
5/21/2018 15:10	0.021	0.0099	42.8696	-78.852
5/21/2018 15:11	0.02	0.01	42.8696	-78.852
5/21/2018 15:12	0.02	0.0099	42.8696	-78.852
5/21/2018 15:13	0.02	0.0097	42.8696	-78.852
5/21/2018 15:14	0.019	0.0093	42.8696	-78.852
5/21/2018 15:15	0.019	0.0093	42.8696	-78.852
5/21/2018 15:16	0.019	0.0093	42.8696	-78.852
5/21/2018 15:19	0.018	0.0095		
5/21/2018 15:20	0.018	0.0095	42.8702	-78.8514
5/21/2018 15:21	0.018		42.8702	-78.8514
5/21/2018 15:22	0.017	0.0097	42.8702	-78.8513
5/21/2018 15:23	0.017	0.0102	42.8702	-78.8513
5/21/2018 15:24	0.017	0.0102	42.8702	-78.8513
5/21/2018 15:25	0.016	0.0115	42.8702	-78.8513
5/21/2018 15:26	0.016	0.0112	42.8702	-78.8513
5/21/2018 15:27	0.016	0.0116	42.8702	-78.8513
5/21/2018 15:28	0.015	0.0114	42.8702	-78.8513
5/21/2018 15:29	0.015	0.0115	42.8702	-78.8513
5/21/2018 15:30	0.015		42.8702	-78.8513
5/21/2018 15:32	0.015	0.0123	42.8702	-78.8513
5/21/2018 15:33	0.014	0.0121	42.8701	-78.8513
5/21/2018 15:34	0.014	0.012	42.8702	-78.8513
5/21/2018 15:35	0.014	0.0133	42.8702	-78.8513
5/21/2018 15:36	0.013	0.0138	42.8702	-78.8513
5/21/2018 15:37	0.013		42.8703	-78.8514
5/21/2018 15:38	0.013	0.0148	42.8702	-78.8514
5/21/2018 15:39	0.012	0.0147	42.8702	-78.8513
5/21/2018 15:40	0.012	0.0141	42.8702	-78.8513
5/21/2018 15:41	0.012	0.0152	42.8702	-78.8513
5/21/2018 15:42	0.012	0.0152	42.8702	-78.8513
5/21/2018 15:43	0.011	0.0162	42.8702	-78.8513
5/21/2018 15:44	0.011	0.0161	42.8702	-78.8513
5/21/2018 15:45	0.011	0.0155	42.8702	-78.8513
5/21/2018 15:46	0.01	0.0151	42.8701	-78.8513
5/21/2018 15:47	0.01	0.0156	42.8702	-78.8513
5/21/2018 15:48	0.01	0.0156	42.8701	-78.8513
5/21/2018 15:49	0.01	0.0157	42.8701	-78.8513
5/21/2018 15:50	0.009	0.0176	42.8702	-78.8513
5/21/2018 15:51	0.009	0.017	42.8701	-78.8513

5/21/2018 15:52	0.009	0.0183	42.8702	-78.8513
5/21/2018 15:53	0.009	0.0175	42.8702	-78.8513
5/21/2018 15:54	0.008	0.0175	42.8701	-78.8513
5/21/2018 15:55	0.008		42.8701	-78.8513
5/21/2018 15:57	0.008	0.0178	42.8702	-78.8513
5/21/2018 15:58	0.008	0.0182	42.8702	-78.8513
5/21/2018 15:59	0.007	0.0184	42.8701	-78.8513
5/21/2018 16:00	0.007	0.0187	42.8702	-78.8513
5/21/2018 16:01	0.007	0.0192	42.8702	-78.8513
5/21/2018 16:02	0.007	0.0183	42.8702	-78.8513
5/21/2018 16:03	0.006	0.0305	42.8702	-78.8513
5/21/2018 16:04	0.006	0.0307	42.8702	-78.8513
5/21/2018 16:05	0.006	0.0285	42.8702	-78.8513
5/21/2018 16:06	0.006	0.0283	42.8702	-78.8513
5/21/2018 16:07	0.005	0.0262	42.8701	-78.8513
5/21/2018 16:08	0.005	0.0258	42.8701	-78.8513
5/21/2018 16:09	0.005	0.0258	42.8701	-78.8513
5/21/2018 16:10	0.005	0.0274	42.8702	-78.8513
5/21/2018 16:11	0.005	0.0264	42.8702	-78.8513
5/21/2018 16:12	0.004		42.8702	-78.8513
5/21/2018 16:13	0.004	0.0282	42.8701	-78.8513
5/21/2018 16:14	0.004	0.0287	42.8702	-78.8513
5/21/2018 16:15	0.004	0.0286	42.8701	-78.8513
5/21/2018 16:16	0.004	0.028	42.8702	-78.8513
5/21/2018 16:17	0.003	0.0279	42.8702	-78.8513
5/21/2018 16:18	0.003	0.0166	42.8702	-78.8513
5/21/2018 16:19	0.003	0.0189	42.8701	-78.8513
5/21/2018 16:20	0.003	0.018	42.8701	-78.8513
5/21/2018 16:21	0.003	0.018	42.8701	-78.8513
5/21/2018 16:22	0.003	0.0181	42.8701	-78.8513
5/21/2018 16:23	0.002	0.0181	42.8702	-78.8513
5/21/2018 16:24	0.002	0.0253	42.8702	-78.8513
5/21/2018 16:25	0.002	0.0234	42.8701	-78.8513
5/21/2018 16:26	0.002	0.0234	42.8701	-78.8513
5/21/2018 16:27	0.002	0.0224	42.8702	-78.8513
5/21/2018 16:28	0.002	0.0201	42.8702	-78.8513
5/21/2018 16:29	0.002	0.0195	42.8701	-78.8513
5/21/2018 16:30	0.001	0.0194	42.8702	-78.8513
5/21/2018 16:31	0.001	0.0194	42.8701	-78.8513
5/21/2018 16:32	0.001	0.0194	42.8702	-78.8513
5/21/2018 16:33	0.001	0.0194	42.8702	-78.8513
5/21/2018 16:34	0.001	0.0169	42.8702	-78.8513
5/21/2018 16:35	0.001	0.0169	42.8702	-78.8513
5/21/2018 16:36	0.001	0.017	42.8702	-78.8513
5/21/2018 16:37	0.001	0.017	42.8702	-78.8513
5/21/2018 16:38	0.001	0.0171	42.8701	-78.8513
5/21/2018 16:42	0	0.0096	42.8702	-78.8513

5/21/2018 16:43	0	0.0104	42.8701	-78.8513
5/21/2018 16:44	0	0.0103	42.8701	-78.8513
5/21/2018 16:45	0	0.0102	42.8702	-78.8513
5/21/2018 16:46	0	0.0104	42.8701	-78.8513
5/21/2018 16:47	0	0.0103	42.8702	-78.8513
5/21/2018 16:48	0	0.0103	42.8702	-78.8513
5/21/2018 16:49	0	0.0105	42.8702	-78.8513
5/21/2018 16:50	0	0.0106	42.8701	-78.8513
5/21/2018 16:51	0	0.0106	42.8701	-78.8513
5/21/2018 16:52	0	0.0109	42.8701	-78.8513

COMMUNITY AIR MONITORING DAILY LOG

Date: 5/23/18
 Project: Silos at Elk
 Job No.: B0381-017-009
 Client: Young + Wright

WEATHER CONDITIONS:

Time of Day:	A.M.	P.M.
Ambient Air Temp.:	58 58°F	62°F
Wind Direction:	SW	SW
Wind Speed:	12 mph	16 mph
Precipitation:	none	none

LOCATION of ACTIVITIES/MONITORING STATIONS (Provide Sketch on Attached Map):

DESCRIPTION OF SITE ACTIVITIES: CAMP oversight during post COC redevelopment activities

PARTICULATE MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 100 ug/m3 ¹			<100 ug/m ³		No action required as all readings were less than the 100 ug/m ³
Exceedence of 150 ug/m3 ¹					
Visual Observation of Fugitive Dust			NA		
			NA		
			NA		

VOC MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 5 ppm ¹			<5 ppm		Temporarily halt Work and continue monitoring. No action required as all readings were less than 5 ppm.
Reading of 5 to 25 ppm ¹					Temporarily halt Work, abate emissions with corrective actions and continue monitoring ³
Exceedence of 25 ppm ²					Shut Down Work Immediately and notify Site Safety & Health Officer

- Above background for 15 minute moving average.
 - Above background at Site perimeter (indicate location on attached sketch)
 - Work may resume when total VOC conc. 200 ft downwind or half the distance to nearest receptor (whichever is less) is below 5 ppm for 15 min.
- NOTE:** All exceedences are to be reported to Benchmark within 15 minutes.

Prepared By: CMC Date: 5/23/18
 Checked By: _____ Date: _____

Timestamp (GMT-4)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (ug/m ³)	Latitude	Longitude
5/23/2018 8:09	0	5.5	42.8703	-78.8507
5/23/2018 8:10	0	5.6	42.8703	-78.8507
5/23/2018 8:11	0	5.7	42.8703	-78.8508
5/23/2018 8:12	0	5.7	42.8703	-78.8508
5/23/2018 8:13	0	5.8	42.8703	-78.8508
5/23/2018 8:14	0	5.8	42.8703	-78.8508
5/23/2018 8:15	0	5.9	42.8703	-78.8508
5/23/2018 8:16	0	5.9	42.8703	-78.8507
5/23/2018 8:17	0	6.1	42.8703	-78.8508
5/23/2018 8:18	0	6.1	42.8703	-78.8508
5/23/2018 8:19	0	6.3	42.8703	-78.8508
5/23/2018 8:20	0	6.5	42.8703	-78.8508
5/23/2018 8:21	0	6.4	42.8703	-78.8508
5/23/2018 8:22	0	6.4	42.8703	-78.8508
5/23/2018 8:23	0	6.5	42.8703	-78.8508
5/23/2018 8:24	0	6.5	42.8703	-78.8508
5/23/2018 8:25	0	6.5	42.8703	-78.8508
5/23/2018 8:26	0	6.5	42.8703	-78.8508
5/23/2018 8:27	0	6.5	42.8703	-78.8508
5/23/2018 8:28	0	6.5	42.8703	-78.8508
5/23/2018 8:29	0	6.5	42.8703	-78.8508
5/23/2018 8:30	0	6.5	42.8703	-78.8508
5/23/2018 8:31	0	6.3	42.8703	-78.8508
5/23/2018 8:32	0	6.3	42.8703	-78.8508
5/23/2018 8:33	0	6.2	42.8703	-78.8508
5/23/2018 8:34	0	6	42.8703	-78.8508
5/23/2018 8:35	0	5.9	42.8703	-78.8508
5/23/2018 8:36	0	5.9	42.8703	-78.8508
5/23/2018 8:37	0	5.9	42.8703	-78.8507
5/23/2018 8:38	0	5.8	42.8703	-78.8507
5/23/2018 8:39	0	5.7	42.8703	-78.8508
5/23/2018 8:40	0	5.7	42.8703	-78.8508
5/23/2018 8:41	0	5.8	42.8703	-78.8508
5/23/2018 8:42	0	5.9	42.8703	-78.8508
5/23/2018 8:43	0	5.9	42.8703	-78.8508
5/23/2018 8:44	0	6	42.8703	-78.8508
5/23/2018 8:45	0	6.1	42.8703	-78.8508
5/23/2018 8:46	0	6.3	42.8703	-78.8508
5/23/2018 8:47	0	6.3	42.8703	-78.8508
5/23/2018 8:48	0	6.4	42.8703	-78.8508
5/23/2018 8:49	0	6.4	42.8703	-78.8508
5/23/2018 8:50	0	6.5	42.8703	-78.8508
5/23/2018 8:51	0	6.5	42.8703	-78.8508
5/23/2018 8:52		0		
5/23/2018 8:53	0	6.5	42.8703	-78.8509
5/23/2018 8:54	0	6.5	42.8703	-78.8508

5/23/2018 8:55	0	6.5	42.8703	-78.8508
5/23/2018 8:56	0	6.5	42.8703	-78.8508
5/23/2018 8:57	0	6.6	42.8703	-78.8508
5/23/2018 8:58	0	6.6	42.8703	-78.8508
5/23/2018 8:59	0	6.6	42.8703	-78.8508
5/23/2018 9:00	0	6.7	42.8703	-78.8508
5/23/2018 9:01	0	6.6	42.8703	-78.8508
5/23/2018 9:02	0	6.6	42.8703	-78.8508
5/23/2018 9:03	0	6.6	42.8702	-78.8508
5/23/2018 9:04	0	6.8	42.8702	-78.8508
5/23/2018 9:05	0	7	42.8703	-78.8508
5/23/2018 9:06	0	7.1	42.8703	-78.8508
5/23/2018 9:07	0	7.1	42.8703	-78.8508
5/23/2018 9:08	0	7.2	42.8703	-78.8508
5/23/2018 9:09	0	7.3	42.8703	-78.8508
5/23/2018 9:10	0	7.5	42.8703	-78.8508
5/23/2018 9:11	0	7.5	42.8703	-78.8508
5/23/2018 9:12	0.0001	7.7	42.8703	-78.8508
5/23/2018 9:13	0.0001	7.7	42.8702	-78.8508
5/23/2018 9:14	0.0001	7.8	42.8703	-78.8508
5/23/2018 9:15	0.0001	8	42.8702	-78.8508
5/23/2018 9:16	0.0001	8.1	42.8703	-78.8508
5/23/2018 9:17	0.0001	8.3	42.8703	-78.8508
5/23/2018 9:18	0.0003	8.5	42.8703	-78.8508
5/23/2018 9:19	0.0008	8.5	42.8703	-78.8508
5/23/2018 9:20	0.0013	8.4	42.8702	-78.8508
5/23/2018 9:21	0.0019	8.5	42.8703	-78.8508
5/23/2018 9:22	0.003	8.8	42.8702	-78.8508
5/23/2018 9:23	0.0039	9.3	42.8703	-78.8508
5/23/2018 9:24	0.0051	9.4	42.8703	-78.8508
5/23/2018 9:25	0.0067	11.1	42.8702	-78.8508
5/23/2018 9:26	0.0087	11.9	42.8703	-78.8507
5/23/2018 9:27	0.0099	13.3	42.8702	-78.8508
5/23/2018 9:28	0.0117	13.9	42.8703	-78.8508
5/23/2018 9:29	0.0137	15.6	42.8702	-78.8508
5/23/2018 9:30	0.016	16.7	42.8703	-78.8508
5/23/2018 9:31	0.0184	17	42.8702	-78.8508
5/23/2018 9:32	0.0207	17.4	42.8703	-78.8508
5/23/2018 9:33	0.0231	17.8	42.8703	-78.8508
5/23/2018 9:34	0.0247	18.4	42.8703	-78.8508
5/23/2018 9:35	0.027	18.6	42.8703	-78.8507
5/23/2018 9:36	0.0294	18.7	42.8703	-78.8508
5/23/2018 9:37	0.0313	18.5	42.8702	-78.8508
5/23/2018 9:38	0.034	18.2	42.8703	-78.8508
5/23/2018 9:39	0.0361	18.3	42.8703	-78.8507
5/23/2018 9:40	0.0382	16.6	42.8703	-78.8507
5/23/2018 9:41	0.0397	15.8	42.8703	-78.8508

5/23/2018 9:42	0.0421	14.1	42.8702	-78.8508
5/23/2018 9:43	0.0443	13.6	42.8702	-78.8508
5/23/2018 9:44	0.0465	12	42.8702	-78.8508
5/23/2018 9:45	0.0487	10.8	42.8703	-78.8508
5/23/2018 9:46	0.0509	10.5	42.8703	-78.8508
5/23/2018 9:47	0.0527	10.2	42.8703	-78.8508
5/23/2018 9:49	0.0564	9.4	42.8703	-78.8508
5/23/2018 9:50	0.0583	9.4	42.8703	-78.8508
5/23/2018 9:51	0.0601	9.1	42.8703	-78.8508
5/23/2018 9:52	0.0614	9.1	42.8702	-78.8508
5/23/2018 9:53	0.0626	9	42.8702	-78.8508
5/23/2018 9:54	0.0639	8.7	42.8702	-78.8508
5/23/2018 9:55	0.0649	8.9	42.8703	-78.8508
5/23/2018 9:56	0.0661	8.8	42.8703	-78.8508
5/23/2018 9:57	0.0672	8.9	42.8702	-78.8508
5/23/2018 9:58	0.0681	8.9	42.8703	-78.8507
5/23/2018 9:59	0.069	8.7	42.8703	-78.8507
5/23/2018 10:00	0.0696	8.6	42.8702	-78.8508
5/23/2018 10:01	0.0699	8.9	42.8703	-78.8508
5/23/2018 10:02	0.0708	8.8	42.8703	-78.8507
5/23/2018 10:03	0.0711	8.7	42.8703	-78.8508
5/23/2018 10:04	0.0716	8.8	42.8702	-78.8508
5/23/2018 10:05	0.072	8.6	42.8703	-78.8508
5/23/2018 10:06	0.0727	8.9	42.8703	-78.8508
5/23/2018 10:07	0.0737	9.1	42.8702	-78.8508
5/23/2018 10:08	0.0741	9	42.8703	-78.8508
5/23/2018 10:09	0.0753	9.1	42.8702	-78.8508
5/23/2018 10:10	0.0759	9.5	42.8702	-78.8508
5/23/2018 10:11	0.0768	9.6	42.8702	-78.8508
5/23/2018 10:12	0.0773	9.5	42.8702	-78.8508
5/23/2018 10:13	0.0786	9.5	42.8702	-78.8508
5/23/2018 10:14	0.0799	9.5	42.8703	-78.8508
5/23/2018 10:15	0.0813	9.5	42.8703	-78.8508
5/23/2018 10:16	0.0829	9.1	42.8702	-78.8508
5/23/2018 10:17	0.0851	10	42.8702	-78.8508
5/23/2018 10:18	0.0877	14.3	42.8703	-78.8508
5/23/2018 10:19	0.0903	15.5	42.8702	-78.8508
5/23/2018 10:20	0.0931	17.9	42.8702	-78.8508
5/23/2018 10:21	0.0957	20.6	42.8702	-78.8508
5/23/2018 10:22	0.0985	21.9	42.8702	-78.8508
5/23/2018 10:23	0.1007	22.9	42.8702	-78.8508
5/23/2018 10:24	0.1029	23	42.8702	-78.8508
5/23/2018 10:25	0.1058	22.7	42.8702	-78.8508
5/23/2018 10:26	0.1079	22.6	42.8702	-78.8508
5/23/2018 10:27	0.1107	23.1	42.8702	-78.8508
5/23/2018 10:28	0.1131	23.7	42.8702	-78.8508
5/23/2018 10:29	0.1147	24.9	42.8702	-78.8508

5/23/2018 10:30	0.1166	25	42.8702	-78.8508
5/23/2018 10:31	0.1183	25	42.8703	-78.8508
5/23/2018 10:32	0.1196	24.1	42.8702	-78.8508
5/23/2018 10:33	0.1199	19.9	42.8702	-78.8508
5/23/2018 10:34	0.1204	18.5	42.8702	-78.8508
5/23/2018 10:35	0.1213	18.5	42.8702	-78.8508
5/23/2018 10:36	0.1223	18.9	42.8702	-78.8507
5/23/2018 10:37	0.1229	18.1	42.8703	-78.8508
5/23/2018 10:38	0.1243	18.1	42.8702	-78.8508
5/23/2018 10:39	0.1255	19.9	42.8702	-78.8508
5/23/2018 10:43	0.1283	21.3	42.8702	-78.8508
5/23/2018 10:44	0.1295	20	42.8702	-78.8508
5/23/2018 10:45	0.1313	19.9	42.8702	-78.8508
5/23/2018 10:46	0.1335	19.8	42.8702	-78.8508
5/23/2018 10:47	0.1348	20	42.8702	-78.8508
5/23/2018 10:48	0.1367	20.1	42.8702	-78.8508
5/23/2018 10:49	0.1379	20.2	42.8702	-78.8508
5/23/2018 10:50	0.138	17.5	42.8702	-78.8508
5/23/2018 10:51	0.1373	13.7	42.8703	-78.8508
5/23/2018 10:52	0.1372	13.3	42.8702	-78.8508
5/23/2018 10:53	0.1377	13.8	42.8702	-78.8508
5/23/2018 10:54	0.1385	13.3	42.8702	-78.8508
5/23/2018 10:55	0.1389	13.5	42.8702	-78.8508
5/23/2018 10:56	0.1396	13.7	42.8702	-78.8508
5/23/2018 10:57	0.1397	13.3	42.8702	-78.8508
5/23/2018 10:58	0.1399	13.3	42.8702	-78.8508
5/23/2018 10:59	0.1402	13	42.8702	-78.8508
5/23/2018 11:00	0.1395	12.9	42.8702	-78.8508
5/23/2018 11:01	0.1387	12.9	42.8702	-78.8508
5/23/2018 11:02	0.1391	12.7	42.8702	-78.8508
5/23/2018 11:10	0.1424	11	42.8703	-78.8507
5/23/2018 11:11	0.1424	11.4	42.8702	-78.8506
5/23/2018 11:12	0.1433	15.2	42.8702	-78.8507
5/23/2018 11:13	0.144	17.1	42.8702	-78.8506
5/23/2018 11:14	0.1441	17.2	42.8702	-78.8506
5/23/2018 11:15	0.145	17.5	42.8702	-78.8507
5/23/2018 11:16	0.1458	17.9	42.8702	-78.8506
5/23/2018 11:17	0.1454	17.5	42.8703	-78.8506
5/23/2018 11:18	0.1454	16.3	42.8702	-78.8506
5/23/2018 11:19	0.1457	15.6	42.8702	-78.8507
5/23/2018 11:20	0.1461	17	42.8702	-78.8506
5/23/2018 11:21	0.1462	17.3	42.8702	-78.8506
5/23/2018 11:22	0.1458	16.6	42.8702	-78.8507
5/23/2018 11:23	0.1456	16.6	42.8702	-78.8507
5/23/2018 11:24	0.1454	16.2	42.8702	-78.8506
5/23/2018 11:25	0.1451	15.5	42.8702	-78.8507
5/23/2018 11:26	0.1448	15.7	42.8702	-78.8506

5/23/2018 11:27	0.1449	14.2	42.8702	-78.8506
5/23/2018 11:28	0.1449	14	42.8702	-78.8507
5/23/2018 11:29	0.1453	14.7	42.8702	-78.8507
5/23/2018 11:30	0.1456	16.7	42.8702	-78.8507
5/23/2018 11:31	0.1462	21.5	42.8702	-78.8506
5/23/2018 11:32	0.1471	21.8	42.8702	-78.8506
5/23/2018 11:33	0.1475	21.9	42.8702	-78.8507
5/23/2018 11:34	0.1473	23.5	42.8703	-78.8507
5/23/2018 11:35	0.1473	23.3	42.8702	-78.8506
5/23/2018 11:36	0.1475	22.6	42.8702	-78.8507
5/23/2018 11:37	0.1482	22.8	42.8702	-78.8506
5/23/2018 11:38	0.1487	22.2	42.8702	-78.8507
5/23/2018 11:39	0.1492	21.9	42.8702	-78.8507
5/23/2018 11:40	0.1499	21.3	42.8703	-78.8506
5/23/2018 11:41	0.15	20	42.8702	-78.8507
5/23/2018 11:42	0.1501	19.6	42.8703	-78.8507
5/23/2018 11:43	0.1499	21.3	42.8702	-78.8507
5/23/2018 11:44	0.1498	20.7	42.8702	-78.8506
5/23/2018 11:45	0.1496	18.9	42.8702	-78.8507
5/23/2018 11:46	0.149	14.1	42.8703	-78.8507
5/23/2018 11:47	0.1482	14.6	42.8703	-78.8507
5/23/2018 11:48	0.1479	14.9	42.8702	-78.8506
5/23/2018 11:49	0.1483	15.6	42.8702	-78.8506
5/23/2018 11:50	0.1482	16.5	42.8702	-78.8506
5/23/2018 11:51	0.1477	16.3	42.8702	-78.8506
5/23/2018 11:52	0.1465	16.1	42.8702	-78.8506
5/23/2018 11:53	0.1457	16.9	42.8703	-78.8507
5/23/2018 11:54	0.1458	17.7	42.8702	-78.8507
5/23/2018 11:55	0.1444	18	42.8703	-78.8507
5/23/2018 11:56	0.1436	18.5	42.8702	-78.8507
5/23/2018 11:57	0.1423	18.4	42.8703	-78.8507
5/23/2018 11:58	0.1411	15.8	42.8702	-78.8507
5/23/2018 11:59	0.1402	15.5	42.8703	-78.8507
5/23/2018 12:00	0.1398	15.5	42.8702	-78.8507
5/23/2018 12:01	0.1389	15.4	42.8703	-78.8507
5/23/2018 12:02	0.1377	14.5	42.8703	-78.8507
5/23/2018 12:03	0.1367	14.1	42.8702	-78.8506
5/23/2018 12:04	0.1353	11.5	42.8702	-78.8507
5/23/2018 12:05	0.1343	9.1	42.8702	-78.8506
5/23/2018 12:06	0.1343	9	42.8702	-78.8506
5/23/2018 12:07	0.1345	8.8	42.8702	-78.8507
5/23/2018 12:08	0.1343	7.9	42.8703	-78.8507
5/23/2018 12:09	0.1333	7	42.8702	-78.8506
5/23/2018 12:10	0.1335	6.5	42.8702	-78.8506
5/23/2018 12:11	0.1335	6.1	42.8703	-78.8507
5/23/2018 12:12	0.1343	6.2	42.8702	-78.8506
5/23/2018 12:13	0.1346	6.5	42.8702	-78.8506

5/23/2018 12:14	0.1342	6.7	42.8702	-78.8506
5/23/2018 12:15	0.1338	6.5	42.8702	-78.8507
5/23/2018 12:16	0.1341	6.7	42.8702	-78.8506
5/23/2018 12:17	0.1344	6.7	42.8702	-78.8507
5/23/2018 12:18	0.1345	6.9	42.8702	-78.8506
5/23/2018 12:19	0.1376	7.3	42.8703	-78.8506
5/23/2018 12:20	0.1393	8.3	42.8702	-78.8506
5/23/2018 12:21	0.1385	8.6	42.8702	-78.8506
5/23/2018 12:22	0.1377	8.9	42.8702	-78.8506
5/23/2018 12:23	0.1372	9	42.8702	-78.8506
5/23/2018 12:24	0.1362	9.1	42.8702	-78.8506
5/23/2018 12:25	0.136	9.8	42.8702	-78.8506
5/23/2018 12:26	0.1351	9.8	42.8702	-78.8506
5/23/2018 12:27	0.1337	9.5	42.8702	-78.8506
5/23/2018 12:28	0.1333	9.3	42.8702	-78.8506
5/23/2018 12:29	0.1347	0	42.8702	-78.8506
5/23/2018 12:30	0.1346	9.4	42.8702	-78.8506
5/23/2018 12:31	0.1343	9.9	42.8702	-78.8506
5/23/2018 12:32	0.1351	10	42.8702	-78.8506
5/23/2018 12:33	0.135	9.9	42.8702	-78.8506
5/23/2018 12:34	0.1317	9.9	42.8702	-78.8506
5/23/2018 12:35	0.1295	8.9	42.8702	-78.8507
5/23/2018 12:36	0.1343	9.1	42.8702	-78.8506
5/23/2018 12:37	0.1391	9	42.8702	-78.8506
5/23/2018 12:38	0.1412	9	42.8702	-78.8506
5/23/2018 12:39	0.1431	8.9	42.8702	-78.8506
5/23/2018 12:40	0.1436	8.1	42.8702	-78.8506
5/23/2018 12:41	0.145	9.1	42.8702	-78.8506
5/23/2018 12:42	0.1459	10.1	42.8702	-78.8506
5/23/2018 12:43	0.1459	10.1	42.8702	-78.8506
5/23/2018 12:44	0.1443	9.9	42.8702	-78.8506
5/23/2018 12:45	0.1477	11.1	42.8702	-78.8506
5/23/2018 12:46	0.1486	10.7	42.8702	-78.8506
5/23/2018 12:47	0.1483	10.7	42.8702	-78.8506
5/23/2018 12:48	0.1503	10.5	42.8702	-78.8506
5/23/2018 12:49	0.1512	11.5	42.8702	-78.8506
5/23/2018 12:50	0.1523	19.4	42.8702	-78.8506
5/23/2018 12:51	0.1491	20.4	42.8702	-78.8506
5/23/2018 12:52	0.1447	20.6	42.8702	-78.8506
5/23/2018 12:53	0.1427	21.8	42.8702	-78.8506
5/23/2018 12:54	0.1413	22.4	42.8702	-78.8506
5/23/2018 12:55	0.1412	23.1	42.8702	-78.8506
5/23/2018 12:56	0.1406	22.7	42.8702	-78.8506
5/23/2018 12:57	0.1407	22.8	42.8702	-78.8506
5/23/2018 12:58	0.141	22.6	42.8702	-78.8506
5/23/2018 12:59	0.1411	22.7	42.8702	-78.8506
5/23/2018 13:00	0.1376	21.7	42.8702	-78.8506

5/23/2018 13:01	0.1366	21.8	42.8702	-78.8506
5/23/2018 13:02	0.1361	21.9	42.8702	-78.8506
5/23/2018 13:03	0.1342	23.9	42.8702	-78.8506
5/23/2018 13:04	0.1339	28.5	42.8702	-78.8506
5/23/2018 13:05	0.1336	23.9	42.8702	-78.8506
5/23/2018 13:06	0.1323	23.2	42.8702	-78.8506
5/23/2018 13:07	0.132	23.8	42.8702	-78.8506
5/23/2018 13:08	0.1325	24.4	42.8702	-78.8506
5/23/2018 13:09	0.1324	23.8	42.8702	-78.8506
5/23/2018 13:10	0.1321	23.1	42.8702	-78.8506
5/23/2018 13:11	0.1322	22.8	42.8702	-78.8506
5/23/2018 13:12	0.1315	21.8	42.8702	-78.8506
5/23/2018 13:13	0.1311	22.2	42.8702	-78.8506
5/23/2018 13:14	0.1306	22.1	42.8702	-78.8506
5/23/2018 13:15	0.1301	22.2	42.8703	-78.8506
5/23/2018 13:16	0.1295	21.9	42.8702	-78.8506
5/23/2018 13:17	0.1288	21.8	42.8702	-78.8506
5/23/2018 13:18	0.1281	21.3	42.8702	-78.8506
5/23/2018 13:19	0.1277	17.3	42.8702	-78.8506
5/23/2018 13:20	0.1267	14.4	42.8702	-78.8506
5/23/2018 13:21	0.1266	15.9	42.8702	-78.8506
5/23/2018 13:22	0.1269	15.5	42.8702	-78.8506
5/23/2018 13:23	0.1267	13.5	42.8702	-78.8506
5/23/2018 13:24	0.1268	15.5	42.8702	-78.8506
5/23/2018 13:25	0.127	15.6	42.8703	-78.8506
5/23/2018 13:26	0.1266	15.7	42.8702	-78.8506
5/23/2018 13:27	0.1273	16.7	42.8702	-78.8506
5/23/2018 13:28	0.1281	17.4	42.8702	-78.8506
5/23/2018 13:29	0.1291	18.9	42.8702	-78.8506
5/23/2018 13:30	0.13	18.3	42.8702	-78.8506
5/23/2018 13:31	0.1309	18.5	42.8702	-78.8506
5/23/2018 13:32	0.1317	18.6	42.8702	-78.8506
5/23/2018 13:33	0.1321	17.4	42.8702	-78.8506
5/23/2018 13:34	0.1323	15.4	42.8702	-78.8506
5/23/2018 13:35	0.1326	15	42.8702	-78.8506
5/23/2018 13:36	0.1326	12.5	42.8702	-78.8506
5/23/2018 13:37	0.1327	12	42.8702	-78.8506
5/23/2018 13:38	0.1336	16.9	42.8703	-78.8506
5/23/2018 13:39	0.1345	16.6	42.8702	-78.8506
5/23/2018 13:40	0.1354	21.8	42.8702	-78.8506
5/23/2018 13:41	0.1364	23.9	42.8702	-78.8506
5/23/2018 13:42	0.1371	24.6	42.8703	-78.8506
5/23/2018 13:43	0.1374	24.7	42.8702	-78.8506
5/23/2018 13:44	0.1376	23.5	42.8702	-78.8506
5/23/2018 13:45	0.1378	23.5	42.8702	-78.8506
5/23/2018 13:46	0.1382	23.8	42.8702	-78.8506
5/23/2018 13:47	0.1389	25.6	42.8702	-78.8506

5/23/2018 13:48	0.1395	25.7	42.8702	-78.8506
5/23/2018 13:49	0.1403	25.7	42.8702	-78.8506
5/23/2018 13:50	0.1414	25.7	42.8703	-78.8506
5/23/2018 13:51	0.1424	25.7	42.8702	-78.8506
5/23/2018 13:52	0.1432	25.9	42.8702	-78.8506
5/23/2018 13:53	0.1428	20.9	42.8702	-78.8506
5/23/2018 13:54	0.143	19.4	42.8702	-78.8506
5/23/2018 13:55	0.1429	14.1	42.8702	-78.8506
5/23/2018 13:56	0.1433	12.8	42.8702	-78.8506
5/23/2018 13:57	0.1436	12.6	42.8702	-78.8506
5/23/2018 13:58	0.1447	13.2	42.8702	-78.8506
5/23/2018 13:59	0.1458	14.9	42.8702	-78.8506
5/23/2018 14:00	0.1466	16.7	42.8702	-78.8506
5/23/2018 14:01	0.1469	16.2	42.8702	-78.8506
5/23/2018 14:02	0.1471	14.1	42.8702	-78.8506
5/23/2018 14:03	0.1476	13.8	42.8702	-78.8506
5/23/2018 14:04	0.1476	13.9	42.8702	-78.8506
5/23/2018 14:05	0.1475	13.9	42.8702	-78.8506
5/23/2018 14:06	0.1476	15.3	42.8702	-78.8506
5/23/2018 14:07	0.1477	16.2	42.8702	-78.8506
5/23/2018 14:08	0.1481	17.2	42.8702	-78.8506
5/23/2018 14:09	0.1484	18.3	42.8702	-78.8506
5/23/2018 14:10	0.1488	21.5	42.8702	-78.8506
5/23/2018 14:11	0.1483	20.5	42.8702	-78.8506
5/23/2018 14:12	0.1475	18.7	42.8702	-78.8506
5/23/2018 14:13	0.1459	17	42.8702	-78.8506
5/23/2018 14:14	0.1446	15.4	42.8702	-78.8506
5/23/2018 14:15	0.1435	14.1	42.8702	-78.8507
5/23/2018 14:16	0.1431	14.7	42.8702	-78.8506
5/23/2018 14:17	0.1423	14.8	42.8702	-78.8506
5/23/2018 14:18	0.1415	15.1	42.8702	-78.8506
5/23/2018 14:19	0.1409	15.2	42.8702	-78.8506
5/23/2018 14:20	0.1401	15.3	42.8702	-78.8506
5/23/2018 14:21	0.1393	16.5	42.8702	-78.8506
5/23/2018 14:22	0.1385	16.1	42.8702	-78.8507
5/23/2018 14:23	0.1378	17.3	42.8702	-78.8506
5/23/2018 14:26	0.1363	21	42.8702	-78.8506
5/23/2018 14:27	0.1365	23.3	42.8702	-78.8506
5/23/2018 14:28	0.1363	24.5	42.8702	-78.8506
5/23/2018 14:29	0.1368	24.2	42.8702	-78.8507
5/23/2018 14:30	0.1368	24.9	42.8702	-78.8506
5/23/2018 14:31	0.1367	24.9	42.8702	-78.8506
5/23/2018 14:32	0.1368	25.8	42.8702	-78.8507
5/23/2018 14:33	0.1372	25.5	42.8702	-78.8506
5/23/2018 14:34	0.1375	25.4	42.8702	-78.8506
5/23/2018 14:35	0.1385	26.1	42.8702	-78.8506
5/23/2018 14:36	0.1392	23.4	42.8702	-78.8506

5/23/2018 14:37	0.1399	22.9	42.8702	-78.8506
5/23/2018 14:38	0.1403	20.6	42.8702	-78.8506
5/23/2018 14:39	0.1406	20	42.8702	-78.8506
5/23/2018 14:40	0.1409	19.3	42.8702	-78.8506
5/23/2018 14:41	0.1405	13.3	42.8702	-78.8506
5/23/2018 14:42	0.1405	11.4	42.8702	-78.8506
5/23/2018 14:43	0.1411	10.5	42.8702	-78.8506
5/23/2018 14:44	0.1414	10.4	42.8702	-78.8506
5/23/2018 14:45	0.1421	10.2	42.8702	-78.8506
5/23/2018 14:46	0.1425	9.5	42.8702	-78.8506
5/23/2018 14:47	0.143	8.8	42.8702	-78.8506
5/23/2018 14:48	0.1435	8.6	42.8702	-78.8506
5/23/2018 14:49	0.144	8.6	42.8702	-78.8506
5/23/2018 14:50	0.1437	7.8	42.8702	-78.8506
5/23/2018 14:51	0.1435	7.8	42.8702	-78.8506
5/23/2018 14:52	0.1433	7.6	42.8702	-78.8506
5/23/2018 14:53	0.1435	8.1	42.8702	-78.8506
5/23/2018 14:54	0.1429	8.5	42.8702	-78.8506
5/23/2018 14:55	0.1419	8.5	42.8702	-78.8507
5/23/2018 14:56	0.1413	8.7	42.8702	-78.8507
5/23/2018 14:57	0.1414	9	42.8702	-78.8506
5/23/2018 14:58	0.1405	9.2	42.8702	-78.8506
5/23/2018 14:59	0.1401	13	42.8702	-78.8507
5/23/2018 15:00	0.139	12.7	42.8702	-78.8506
5/23/2018 15:01	0.1382	12.7	42.8702	-78.8506
5/23/2018 15:02	0.1373	13.7	42.8702	-78.8506
5/23/2018 15:03	0.1363	15.5	42.8702	-78.8506
5/23/2018 15:04	0.1354	17.9	42.8702	-78.8506
5/23/2018 15:05	0.1349	20.1	42.8702	-78.8506
5/23/2018 15:06	0.1335	21	42.8702	-78.8506
5/23/2018 15:07	0.1328	25.8	42.8702	-78.8507
5/23/2018 15:08	0.1312	25.3	42.8702	-78.8506
5/23/2018 15:09	0.1305	27.1	42.8702	-78.8507
5/23/2018 15:10	0.1301	30	42.8702	-78.8507
5/23/2018 15:11	0.1297	30.2	42.8702	-78.8507
5/23/2018 15:12	0.1285	31.8	42.8702	-78.8506
5/23/2018 15:13	0.1284	34.1	42.8702	-78.8506
5/23/2018 15:14	0.1273	34.1	42.8702	-78.8506
5/23/2018 15:15	0.1273	37.6	42.8703	-78.8506
5/23/2018 15:16	0.1271	39.4	42.8702	-78.8507
5/23/2018 15:17	0.127	39.7	42.8702	-78.8506
5/23/2018 15:18	0.1267	38.2	42.8702	-78.8506
5/23/2018 15:19	0.1263	36	42.8703	-78.8506
5/23/2018 15:20	0.1267	34.1	42.8703	-78.8506
5/23/2018 15:21	0.1266	34.1	42.8703	-78.8506
5/23/2018 15:22	0.1269	30	42.8703	-78.8506
5/23/2018 15:23	0.1267	30.2	42.8703	-78.8506

5/23/2018 15:24	0.1268	27.1	42.8703	-78.8506
5/23/2018 15:25	0.127	25.3	42.8703	-78.8506
5/23/2018 15:26	0.1266	25.8	42.8703	-78.8506
5/23/2018 15:27	0.1273	21	42.8703	-78.8506
5/23/2018 15:28	0.1281	21	42.8703	-78.8506
5/23/2018 15:29	0.1291	23.3	42.8703	-78.8506
5/23/2018 15:30	0.13	24.5	42.8703	-78.8506
5/23/2018 15:31	0.1309	24.2	42.8703	-78.8506
5/23/2018 15:32	0.1317	24.9	42.8703	-78.8506
5/23/2018 15:33	0.1321	24.9	42.8703	-78.8506
5/23/2018 15:34	0.1323	25.8	42.8703	-78.8506
5/23/2018 15:35	0.1326	25.5	42.8703	-78.8506
5/23/2018 15:36	0.1326	25.4	42.8703	-78.8506
5/23/2018 15:37	0.1327	26.1	42.8703	-78.8506
5/23/2018 15:38	0.1336	23.4	42.8703	-78.8506
5/23/2018 15:39	0.1345	22.9	42.8703	-78.8506
5/23/2018 15:40	0.1354	23.3	42.8703	-78.8506
5/23/2018 15:41	0.1364	24.5	42.8703	-78.8506
5/23/2018 15:42	0.1371	24.2	42.8703	-78.8506
5/23/2018 15:43	0.1374	24.9	42.8703	-78.8506
5/23/2018 15:44	0.1305	25.3	42.8703	-78.8506
5/23/2018 15:45	0.1301	25.8	42.8703	-78.8506
5/23/2018 15:46	0.1297	21	42.8703	-78.8506

COMMUNITY AIR MONITORING DAILY LOG

Date: 5/29/18
 Project: Silos at Elk
 Job No.: B0381-017-009
 Client: Young + Wright

WEATHER CONDITIONS:

Time of Day:	A.M.	P.M.
Ambient Air Temp.:	72°F	82°F
Wind Direction:	NE	NE
Wind Speed:	7 mph	13 mph
Precipitation:		

LOCATION of ACTIVITIES/MONITORING STATIONS (Provide Sketch on Attached Map):

DESCRIPTION OF SITE ACTIVITIES: CAMP oversight during post COC redevelopment activities

PARTICULATE MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 100 ug/m3 ¹			< 100 ug/m ³		No action required as less than action reporting limit
Exceedence of 150 ug/m3 ¹					
Visual Observation of Fugitive Dust			NA		
			NA		
			NA		

VOC MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 5 ppm ¹			< 5 ppm		Temporarily halt Work and continue monitoring No action required as less than action reporting limit.
Reading of 5 to 25 ppm ¹					Temporarily halt Work, abate emissions with corrective actions and continue monitoring. ³
Exceedence of 25 ppm ²					Shut Down Work immediately and notify Site Safety & Health Officer.

- Above background for 15 minute moving average.
 - Above background at Site perimeter (indicate location on attached sketch)
 - Work may resume when total VOC conc. 200 ft downwind or half the distance to nearest receptor (whichever is less) is below 5 ppm for 15 min.
- NOTE:** All exceedences are to be reported to Benchmark within 15 minutes.

Prepared By: CMC Date: 5/29/18
 Checked By: SFR Date: _____

Timestamp (GMT-4)	Mass Conc. Total (Avg15) (mg/m ³)	VOC (Avg15) (ppm)	Latitude	Longitude
5/29/2018 8:16			42.8697	-78.8514
5/29/2018 8:17		0	42.8696	-78.8514
5/29/2018 8:18		0	42.8699	-78.8511
5/29/2018 8:19	0.052	0	42.8699	-78.851
5/29/2018 8:20	0.052	0	42.8699	-78.851
5/29/2018 8:21	0.0517	0	42.8699	-78.851
5/29/2018 8:22	0.0503	0	42.8699	-78.8511
5/29/2018 8:23	0.0496	0	42.8699	-78.851
5/29/2018 8:24	0.0488	0	42.8699	-78.851
5/29/2018 8:25	0.0481	0	42.8699	-78.851
5/29/2018 8:26	0.0478	0	42.8699	-78.851
5/29/2018 8:27	0.0474	0	42.8699	-78.851
5/29/2018 8:28	0.0468	0	42.8699	-78.851
5/29/2018 8:29	0.0464	0	42.87	-78.851
5/29/2018 8:30	0.046	0	42.8699	-78.851
5/29/2018 8:31	0.0459	0	42.8699	-78.851
5/29/2018 8:32	0.0459	0	42.8699	-78.851
5/29/2018 8:33	0.0456	0	42.8699	-78.851
5/29/2018 8:34	0.0449	0	42.8699	-78.851
5/29/2018 8:35	0.0442	0	42.8699	-78.851
5/29/2018 8:36	0.0438	0	42.8699	-78.851
5/29/2018 8:37	0.0439	0	42.8699	-78.851
5/29/2018 8:38	0.0436	0	42.8699	-78.851
5/29/2018 8:39	0.0435	0	42.8699	-78.851
5/29/2018 8:40	0.0433	0	42.8699	-78.851
5/29/2018 8:41	0.0431	0	42.8699	-78.851
5/29/2018 8:42	0.0428	0	42.8699	-78.851
5/29/2018 8:43	0.0425	0	42.8699	-78.851
5/29/2018 8:44	0.0425	0	42.8699	-78.851
5/29/2018 8:45	0.0425	0	42.8699	-78.851
5/29/2018 8:46	0.0431	0	42.8699	-78.8511
5/29/2018 8:47	0.0443	0	42.8699	-78.851
5/29/2018 8:48	0.0443	0	42.8699	-78.851
5/29/2018 8:49	0.0443	0	42.8699	-78.851
5/29/2018 8:50	0.0441	0	42.8699	-78.851
5/29/2018 8:51	0.0437	0	42.8699	-78.851
5/29/2018 8:52	0.0429		42.8699	-78.851
5/29/2018 8:54	0.0427		42.8699	-78.851
5/29/2018 8:55	0.0424	0	42.8699	-78.851
5/29/2018 8:56	0.0429	0	42.8699	-78.851
5/29/2018 8:58	0.0431			
5/29/2018 8:59	0.0427	0	42.8699	-78.851
5/29/2018 9:00	0.0422	0	42.8699	-78.851
5/29/2018 9:01	0.0412	0.0004	42.8699	-78.851
5/29/2018 9:02	0.039	0.0004	42.8699	-78.8511
5/29/2018 9:03	0.0386	0.0004	42.8699	-78.851

5/29/2018 9:04	0.0385	0.0004	42.8699	-78.851
5/29/2018 9:05	0.0388	0.0004	42.8699	-78.851
5/29/2018 9:06	0.0386	0.0004	42.8699	-78.851
5/29/2018 9:07	0.0385	0.0004	42.8699	-78.851
5/29/2018 9:08	0.0383	0.0003	42.8699	-78.851
5/29/2018 9:09	0.0381	0.0003	42.8699	-78.851
5/29/2018 9:11	0.0372			
5/29/2018 9:12	0.0371	0.0003	42.8699	-78.851
5/29/2018 9:13	0.0372	0.0003	42.8699	-78.851
5/29/2018 9:14	0.0374	0.0003	42.8699	-78.851
5/29/2018 9:15	0.0376	0.0003	42.8699	-78.851
5/29/2018 9:16	0.0374	0	42.8699	-78.851
5/29/2018 9:17	0.0376	0	42.8699	-78.851
5/29/2018 9:18	0.0379	0	42.8699	-78.851
5/29/2018 9:19	0.0378	0	42.8699	-78.851
5/29/2018 9:20	0.0375	0	42.8699	-78.851
5/29/2018 9:21	0.0375	0	42.8699	-78.851
5/29/2018 9:22	0.0375	0	42.8699	-78.851
5/29/2018 9:23	0.0375	0	42.8699	-78.851
5/29/2018 9:24	0.0373	0	42.8699	-78.851
5/29/2018 9:25	0.0388	0	42.8699	-78.851
5/29/2018 9:26	0.0391	0	42.8699	-78.851
5/29/2018 9:27	0.0395	0.0009	42.8699	-78.851
5/29/2018 9:28	0.0395	0.0009	42.8699	-78.851
5/29/2018 9:29	0.0393	0.0009	42.8699	-78.851
5/29/2018 9:30	0.0392	0.0009	42.8699	-78.851
5/29/2018 9:31	0.0391	0.0009	42.8699	-78.851
5/29/2018 9:32	0.039	0.0011	42.8699	-78.851
5/29/2018 9:33	0.0388	0.0025	42.8699	-78.851
5/29/2018 9:34	0.0387	0.0038	42.8699	-78.851
5/29/2018 9:35	0.0384	0.0038	42.8699	-78.851
5/29/2018 9:36	0.0381	0.0038	42.8699	-78.851
5/29/2018 9:37	0.0381	0.0038	42.8699	-78.851
5/29/2018 9:38	0.0381	0.0038	42.8699	-78.851
5/29/2018 9:39	0.0381	0.0038	42.8699	-78.851
5/29/2018 9:40	0.0363	0.0038	42.8699	-78.851
5/29/2018 9:41		0.0038	42.8699	-78.851
5/29/2018 9:42	0.0355	0.0034	42.8699	-78.851
5/29/2018 9:43	0.0353	0.0039	42.87	-78.851
5/29/2018 9:44	0.0352	0.0042	42.8699	-78.851
5/29/2018 9:45	0.0349	0.0047	42.8699	-78.851
5/29/2018 9:46	0.0348	0.0057	42.8699	-78.851
5/29/2018 9:47	0.0344	0.0062	42.8699	-78.851
5/29/2018 9:48	0.0343	0.0065	42.8699	-78.851
5/29/2018 9:49	0.0372	0.0074	42.8699	-78.851
5/29/2018 9:50	0.0373	0.0084	42.8699	-78.851
5/29/2018 9:51	0.0374	0.0097	42.8699	-78.851

5/29/2018 9:52	0.0375	0.0116	42.8699	-78.851
5/29/2018 9:53	0.0374	0.0135	42.8699	-78.851
5/29/2018 9:54	0.0371	0.0152	42.8699	-78.851
5/29/2018 9:55	0.0404	0.0167	42.8699	-78.851
5/29/2018 9:56	0.04	0.0186	42.8699	-78.851
5/29/2018 9:57	0.0398	0.02	42.8699	-78.851
5/29/2018 9:58	0.0396	0.0214	42.8699	-78.851
5/29/2018 9:59	0.0395	0.0233	42.8699	-78.851
5/29/2018 10:00	0.0398	0.0249	42.8699	-78.8511
5/29/2018 10:01	0.0399	0.0265	42.8699	-78.851
5/29/2018 10:02	0.04	0.0284	42.8699	-78.851
5/29/2018 10:03	0.0399	0.0291	42.8699	-78.851
5/29/2018 10:04	0.0371	0.0302	42.8699	-78.851
5/29/2018 10:05	0.037	0.033	42.8699	-78.851
5/29/2018 10:06	0.037	0.0348	42.8699	-78.851
5/29/2018 10:07	0.0375	0.0358	42.8699	-78.851
5/29/2018 10:08	0.038	0.0409	42.8699	-78.851
5/29/2018 10:09	0.0383	0.0423	42.8699	-78.851
5/29/2018 10:10	0.0353	0.0439	42.8699	-78.851
5/29/2018 10:11	0.0352	0.0451	42.8699	-78.851
5/29/2018 10:13	0.0356	0.0483	42.87	-78.851
5/29/2018 10:14	0.0354	0.0497	42.8699	-78.851
5/29/2018 10:15	0.0352	0.0515	42.8699	-78.851
5/29/2018 10:16	0.035	0.0531	42.8699	-78.851
5/29/2018 10:17	0.035	0.0548	42.8699	-78.851
5/29/2018 10:18	0.035	0.0566	42.8699	-78.851
5/29/2018 10:19	0.0349	0.0579	42.8699	-78.851
5/29/2018 10:20	0.0353	0.0588	42.8699	-78.851
5/29/2018 10:21	0.0352	0.0604	42.8699	-78.851
5/29/2018 10:22	0.0345	0.0623	42.8699	-78.851
5/29/2018 10:23	0.0341	0.0597	42.8699	-78.851
5/29/2018 10:24	0.0341	0.0616	42.8699	-78.851
5/29/2018 10:25	0.034	0.0636	42.8699	-78.851
5/29/2018 10:26	0.0341	0.0656	42.8699	-78.851
5/29/2018 10:27	0.0342	0.0662	42.8699	-78.851
5/29/2018 10:28	0.0341	0.0678	42.8699	-78.851
5/29/2018 10:29	0.0342	0.0695	42.8699	-78.851
5/29/2018 10:30	0.0343	0.0722	42.8699	-78.8511
5/29/2018 10:31	0.0343	0.0753	42.8699	-78.851
5/29/2018 10:32	0.0343	0.0772	42.8699	-78.851
5/29/2018 10:33	0.0354	0.0788	42.8699	-78.851
5/29/2018 10:34	0.0353	0.0805	42.8699	-78.851
5/29/2018 10:35	0.0351	0.0821	42.8699	-78.851
5/29/2018 10:36	0.035	0.0837	42.8699	-78.851
5/29/2018 10:37	0.0349	0.0854	42.8699	-78.851
5/29/2018 10:38	0.0351	0.0879	42.8699	-78.851
5/29/2018 10:39	0.0349	0.0897	42.8699	-78.851

5/29/2018 10:40	0.035	0.0919	42.8699	-78.851
5/29/2018 10:41	0.0353	0.0943	42.8699	-78.851
5/29/2018 10:42	0.0353	0.0963	42.87	-78.851
5/29/2018 10:43	0.0353	0.0979	42.8699	-78.851
5/29/2018 10:44	0.0353	0.1002	42.8699	-78.851
5/29/2018 10:45	0.0353	0.1007	42.8699	-78.851
5/29/2018 10:46	0.0363	0.1019	42.8699	-78.851
5/29/2018 10:47	0.0365	0.1034	42.8699	-78.851
5/29/2018 10:48	0.0365	0.1053	42.8699	-78.851
5/29/2018 10:49	0.0387	0.1082	42.8699	-78.851
5/29/2018 10:50	0.0435	0.1107	42.8699	-78.851
5/29/2018 10:51	0.0448	0.1129	42.8699	-78.851
5/29/2018 10:52	0.0477	0.1155	42.8699	-78.851
5/29/2018 10:53	0.0486	0.1177	42.8699	-78.851
5/29/2018 10:54	0.049	0.1201	42.8699	-78.851
5/29/2018 10:55	0.0499	0.1223	42.8699	-78.851
5/29/2018 10:56	0.0501	0.1247	42.8699	-78.851
5/29/2018 10:57	0.0497	0.127	42.8699	-78.851
5/29/2018 10:58	0.0497	0.1293	42.8699	-78.851
5/29/2018 10:59	0.0497	0.1315	42.8699	-78.8511
5/29/2018 11:00	0.0497	0.1341	42.8699	-78.851
5/29/2018 11:01	0.0487	0.1353	42.8699	-78.851
5/29/2018 11:02	0.0486	0.1365	42.8699	-78.851
5/29/2018 11:03	0.0481	0.1385	42.8699	-78.851
5/29/2018 11:04	0.046	0.1389	42.8699	-78.851
5/29/2018 11:05	0.0421	0.1394	42.8699	-78.851
5/29/2018 11:06	0.0408	0.1402	42.8699	-78.851
5/29/2018 11:07	0.0379	0.1406	42.8699	-78.851
5/29/2018 11:08	0.0368	0.1404	42.8699	-78.851
5/29/2018 11:09	0.0365	0.1405	42.8699	-78.851
5/29/2018 11:10	0.0356	0.1404	42.8699	-78.851
5/29/2018 11:11	0.0352	0.1398	42.87	-78.851
5/29/2018 11:12	0.0353	0.1397	42.8699	-78.851
5/29/2018 11:13	0.0355	0.1396	42.8699	-78.851
5/29/2018 11:14	0.0357	0.1393	42.8699	-78.851
5/29/2018 11:15	0.0357	0.1389	42.8699	-78.851
5/29/2018 11:16	0.0361	0.1394	42.8699	-78.851
5/29/2018 11:17	0.036	0.1399	42.8699	-78.851
5/29/2018 11:18	0.0357	0.1397	42.8699	-78.851
5/29/2018 11:19	0.0365	0.1405	42.8699	-78.851
5/29/2018 11:20	0.0359	0.1411	42.8699	-78.851
5/29/2018 11:21	0.0363	0.1415	42.8699	-78.851
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5/29/2018 11:39	0.0351	0.1504	42.8699	-78.851
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5/29/2018 11:41	0.0351	0.1517	42.8699	-78.851
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5/29/2018 11:43	0.0353	0.1539	42.8699	-78.851
5/29/2018 11:44	0.0353	0.1546	42.8699	-78.851
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5/29/2018 11:46	0.0355	0.1547	42.8699	-78.851
5/29/2018 11:47	0.0358	0.1562	42.8699	-78.851
5/29/2018 11:48	0.0352	0.158	42.8699	-78.851
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5/29/2018 12:11	0.0359	0.1633	42.8699	-78.851
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5/29/2018 12:14	0.036	0.163	42.8699	-78.851

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5/29/2018 12:20	0.0377	0.16	42.8699	-78.851
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5/29/2018 12:31	0.0376	0.158	42.8699	-78.851
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5/29/2018 12:36	0.0371	0.1563	42.8699	-78.851
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5/29/2018 12:38	0.0376	0.1552	42.8699	-78.851
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5/29/2018 13:21	0.0717	0.133	42.8699	-78.851
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5/29/2018 14:29	0.0365	0.1093	42.8699	-78.851
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5/29/2018 14:31	0.0368	0.1095	42.8699	-78.851
5/29/2018 14:32	0.034	0.1095	42.8699	-78.851
5/29/2018 14:33	0.0339	0.1095	42.8699	-78.851
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5/29/2018 14:36	0.0343	0.11	42.8699	-78.851
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5/29/2018 15:12	0.0296	0.1011	42.8699	-78.851
5/29/2018 15:13	0.0295	0.1004	42.8699	-78.851
5/29/2018 15:14	0.0299	0.1001	42.8699	-78.851
5/29/2018 15:15	0.0301	0.0997	42.8699	-78.851
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5/29/2018 15:17		0.0991	42.8699	-78.851
5/29/2018 15:19	0.0298	0.0984	42.8699	-78.851
5/29/2018 15:20	0.0308	0.0978	42.8699	-78.851
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5/29/2018 15:27	0.0305	0.0927	42.8699	-78.851
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5/29/2018 15:30	0.0292	0.0899	42.8699	-78.851

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5/29/2018 15:42	0.0285	0.0864	42.8699	-78.851
5/29/2018 15:43	0.0294	0.0861	42.8699	-78.851
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5/29/2018 15:45	0.033	0.0845	42.8699	-78.851
5/29/2018 15:46	0.0342	0.0831	42.8699	-78.851
5/29/2018 15:47	0.0342	0.0815	42.8699	-78.851
5/29/2018 15:48	0.0338	0.0807	42.8699	-78.851
5/29/2018 15:49	0.0335	0.0801	42.8699	-78.851
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5/29/2018 15:51	0.0329	0.0793	42.8699	-78.851
5/29/2018 15:52	0.0328	0.0782	42.8699	-78.851
5/29/2018 15:53	0.0328	0.0772	42.8699	-78.851
5/29/2018 15:54	0.0331	0.0763	42.8699	-78.851
5/29/2018 15:55	0.0319	0.0755	42.8699	-78.851
5/29/2018 15:56	0.0323	0.0746	42.8699	-78.851
5/29/2018 15:57	0.0319	0.0739	42.8699	-78.851
5/29/2018 15:58	0.0311	0.0734	42.8699	-78.851
5/29/2018 15:59	0.0287	0.073	42.8699	-78.851
5/29/2018 16:00	0.0287	0.0726	42.8699	-78.851
5/29/2018 16:01	0.0279	0.0724	42.8699	-78.851
5/29/2018 16:02	0.0275	0.0721	42.8699	-78.851
5/29/2018 16:03	0.0276	0.0719	42.8699	-78.851
5/29/2018 16:04	0.0275	0.0715	42.8699	-78.851