

June 15, 2017

Mr. David Szymanski
New York State Dept. of Environmental Conservation
Division of Environmental Remediation
270 Michigan Avenue
Buffalo, New York 14203-2999

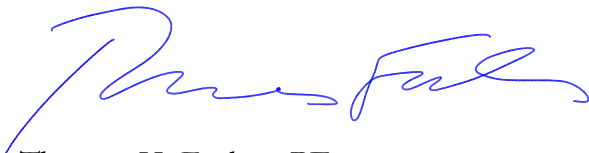
Re: 154 South Ogden Street Site (C915268)
Buffalo, New York
Periodic Review Report (January 2, 2016 to June 15, 2017)

Dear Mr. Szymanski:

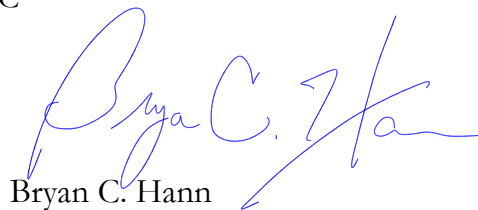
On behalf of 154 South Ogden, LLC and South Buffalo Charter School (SBCS), Benchmark Environmental Engineering & Science, PLLC (Benchmark) has prepared the enclosed hard copy of the completed Institutional and Engineering Controls (IC/EC) certification form and one compact disc containing the Periodic Review Report (PRR) for the 154 South Ogden Street Site (C915268), including all supporting appendices. The IC/EC certification form and report have been prepared in accordance with NYSDEC's DER-10 Technical Guidance (May 2010). The IC portion of the certification form (Box 6) has been signed by Mr. James Neimeier, SBCS Board President, and the EC portion (Box 7) has been signed by Mr. Thomas H. Forbes, P.E. and Principal Engineer of Benchmark.

Please contact us if you have any questions or require additional information.

Sincerely,
Benchmark Environmental Engineering & Science, PLLC



Thomas H. Forbes, PE
Principal Engineer



Bryan C. Hann
Senior Project Manager

cc: J. Neimeier (154 South Ogden, LLC)
L. Bogdan (SBCS)

File: B0249-017-001

Strong Advocates, Effective Solutions, Integrated Implementation

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2558 Hamburg Turnpike, Suite 300 | Buffalo, NY 14218
phone: (716) 856-0599 | fax: (716) 856-0583

Periodic Review Report

154 South Ogden Street Site

*BCP Site No. C915268
154 South Ogden Street
Buffalo, New York*

June 2017

0249-017-001

Prepared For:

*154 South Ogden, LLC &
South Buffalo Charter School*



Prepared By:



PERIODIC REVIEW REPORT

**154 SOUTH OGDEN STREET SITE
(BCP SITE No. C915268)**

BUFFALO, NEW YORK

June 2017

B0249-017-001

Prepared for:

154 South Ogden, LLC

Prepared By:



Benchmark Environmental Engineering & Science, PLLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716)856-0599

PERIODIC REVIEW REPORT
154 South Ogden Street Site (C915268)

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PERIODIC REVIEW REPORT
154 South Ogden Street Site (C915268)

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1.0 INTRODUCTION

Benchmark Environmental Engineering and Science, PLLC (Benchmark) has prepared this Periodic Review Report (PRR) to summarize the post-remedial status of New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C915268, located at 154 South Ogden Street, in the City of Buffalo, Erie County, New York (see Figure 1).

This PRR has been prepared in accordance with the NYSDEC DER-10 *Technical Guidance for Site Investigation and Remediation* (May 2010; Ref. 1) and the NYSDEC's Institutional and Engineering Controls (IC/EC) Certification Form has been prepared for the Site. This PRR and the associated IC/EC Form (see Appendix A) have been completed for the post-remedial period from January 2, 2016 to June 15, 2017.

1.1 Site Background

154 South Ogden, LLC entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) in November, 2012, to investigate and remediate a 21-acre portion of a greater 26.6 acre parcel located in the City of Buffalo, County of Erie, New York. BCP site activities were performed in accordance with Brownfield Cleanup Agreement (BCA) Index#C915268-10-12, Site #C915268, which was executed on November 13, 2012. The property was remediated to restricted residential use is currently being used as the South Buffalo Charter School educational facility.

The site is located in the County of Erie, New York and is identified as a portion of Block 1 and Lot 4 on the City of Buffalo Tax Map # 123.15 per Erie County Tax Map records. The site is situated on an approximately 21-acre area bounded by the Buffalo River to the north; vacant property, a cell tower, and Mineral Spring Road to the south; South Ogden Street to the east; and railroad tracks and power lines to the west (see Figures 1 and 2).

1.2 Remedial History

Until 2013, the site was vacant, vegetated with grasses, emergent trees, and invasive species (e.g., knotweed). Prior uses that appear to have led to site contamination include past

solid waste disposal over a majority of the site. Historical records indicate that the site was not previously developed. A portion of the property was historically traversed by the Buffalo River and filled when the river channel was straightened to its current configuration.

A Remedial Investigation (RI) was performed in January 2013 (and a supplemental investigation completed in March 2013) to characterize the nature and extent of contamination at the site. The results of the RI are described in detail in the Remedial Investigation/Interim Remedial Measures/Alternatives Analysis (RI/IRM/AA) Report prepared by Benchmark and dated April 2013 (revised March 2014). Generally, the RI determined the following contaminants of concern (COCs) in Site soil and/or groundwater: lead, arsenic, polycyclic aromatic hydrocarbons (PAHs) (particularly benzo(a)pyrene), chlorobenzene, 1,2-dichlorobenzene, and cis-1,2-dichloroethene.

The RI/IRM/AA Report recommended remediation of nine areas of concern (AOCs) (characterized by more pronounced levels of COCs), with cover placement recommended as the final remedial measure under a Track 4 Cleanup approach. Additional requirements included development and adherence to a Site Management Plan (SMP) and filing of an Environmental Easement to restrict use of the property to restricted residential, commercial, and industrial applications and to place other limitations on post-redevelopment activities.

1.3 Compliance

At the time of the Site inspection, the Site was fully compliant with the NYSDEC-approved SMP dated September 2014.

1.4 Recommendations

Based on the results of the annual inspection and certification, no modifications are recommended at this time.

2.0 SITE OVERVIEW

An overview of the remediation and redevelopment activities undertaken on the Site covered by this PRR are presented below. The remediated property is subject to a comprehensive, site-wide SMP which identifies requirements for monitoring and maintenance of engineering and institutional controls and procedures for post-remedial excavation and related activities.

The 154 South Ogden Street Site was redeveloped under the BCP as a charter school educational facility. The following nine AOCs were remediated:

- Metals-impacted (arsenic) AOC SS-6: excavation of approximately 87.5 tons within an approximate 20 by 20 foot area to an average two-foot depth;
- Petroleum-impacted AOC SB-4: excavation of approximately 652 tons within an approximate 33 by 38 foot area to an approximate 17 foot depth based on visual and olfactory petroleum-like odor;
- PAH-impacted AOC SB-14: excavation of approximately 255 tons within an approximate 30 by 30-foot area to an average six-foot depth;
- PAH-impacted AOC SB-16: excavation of approximately 80.5 tons within an approximate 20 by 20-foot area to an average four-foot depth;
- Metals-impacted (lead) AOC SB-20: excavation of approximately 86 tons within an approximate 20 by 20 foot area to an average five-foot depth;
- Metals-impacted (arsenic and lead) AOC SB-27: excavation of approximately 94 tons within an approximate 20 by 20 foot area to an average five-foot depth;
- PAH-impacted AOC SB-36: excavation of approximately 122.5 tons within an approximate 23 by 30 foot area to an average two-foot depth;
- Metals-impacted (arsenic and lead) AOC SB-69: excavation of approximately 409 tons within an approximate 52 by 63 foot area to an average two-foot depth; and
- Asphalt pieces and fill AOC Column Pile Line M5: excavation of approximately 24 tons within an approximate 15 by 20 foot area.

The remedial program was successful in achieving the remedial objectives for the Site. An Environmental Easement restricting end use of the Site and enforcing adherence to the SMP was filed in September 2014 and approved in November 2014. The Final Engineering Report (FER) was approved in December 2014. Concurrently, a Certificate of Completion (COC) was issued for the Site by the NYSDEC in December 2014.

3.0 REMEDY PERFORMANCE

A post-remedial site inspection involving a walk-over of the Site covered by this PRR was performed on June 2, 2017 to visually observe and document the use of the Site for restricted residential, commercial, and/or industrial use, confirm absence of site groundwater use, inspect the cover system integrity, and verify conformance with other requirements under the SMP. The site inspection completed during the current reporting period indicates that the controls are in-place and functioning as intended in accordance with the SMP.

The completed IC/EC Certification forms and site photographs are included in Appendices A and B, respectively.

4.0 SITE MANAGEMENT PLAN

A site-wide SMP was prepared for the Site and approved by the Department in November 2014. Key components of the SMP are described below.

4.1 Institutional and Engineering Control (IC/EC) Plan

Since remaining contaminated soil and groundwater exists beneath the site, Institutional Controls and Engineering Controls (IC/ECs) are required to protect human health and the environment. The Engineering and Institutional Control Plan describes the procedures for the implementation and management of all IC/ECs at the site. At the time of the site inspection, the Site covered by this PRR was fully compliant with all engineering and institutional control requirements.

4.1.1 Institutional Controls (ICs)

The site has a series of Institutional Controls in the form of site restrictions. Adherence to these Institutional Controls is required by the Environmental Easement. Site restrictions that apply to the Controlled Property are:

- The property may only be used for restricted-residential, commercial, and industrial use provided that the long-term Engineering and Institutional Controls included in the SMP are employed.
- The property may not be used for a higher level of use, such as unrestricted use without additional remediation and amendment of the Environmental Easement, as approved by the NYSDEC;
- All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;
- The use of the groundwater underlying the property is prohibited without treatment rendering it safe for intended use;
- Vegetable gardens and farming on the property are prohibited;
- The site owner or remedial party will submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, (2) nothing has occurred that impairs the ability of the controls to protect public health and

environment or that constitute a violation or failure to comply with the SMP. NYSDEC retains the right to access such Controlled Property at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow and will be made by an expert that the NYSDEC finds acceptable.

4.1.2 Engineering Controls (ECs)

Engineering controls at the Site include:

- Cover System – Exposure to remaining contamination in soil/fill at the site is prevented by a final cover system placed over the site. This cover system is comprised of a minimum of 24 inches of clean soil (with demarcation layer), asphalt pavement, concrete sidewalks, compacted fine gravel walking paths, concrete building slabs, bioretention material, and recycled rubber mulch. The cover system must be maintained in compliance with the SMP.
- Bioretention Basins – There are five bioretention basins located on the Site (see Figure 2). Each bioretention basin is part of the Site erosion control plan. Procedures for the inspection and maintenance of these basins are provided in the SMP.
- Vapor Barrier - A poly vapor barrier must be installed (if new construction) and remain in-place beneath existing building concrete floor slabs.

4.2 Excavation Work Plan

An Excavation Work Plan (EWP) was included in the NYSDEC-approved SMP for the Site. The Excavation Work Plan provides guidelines for the management of soil and fill material during any future intrusive activities. Any intrusive work that will penetrate the cover or cap, or encounter or disturb the remaining contamination, including any modifications or repairs to the existing cover system, must be performed in compliance with the EWP.

4.2.1 Site Improvement Activities

During the current reporting period (January 2, 2016 to June 15, 2017), certain site improvements occurred that involved management of on-Site cover soil as well as soil/fill

material beneath the final cover demarcation layer and disturbance of the cover system. Improvement activities included:

- Replacement of a broken sections of curbing on the north and south sides of the automobile entrance (southern portion of Site).
- Installation of a concrete pad east of the dumpster pad.
- Installation of a 6-foot high wooden fence around the backup generator in the central portion of the on-site building.
- Installation and placement of new sod along several sections of concrete sidewalk.
- Installation of an underground sprinkler system performed by Aqua Systems of WNY. Mainline sprinkler piping was installed approximately 10-inches below ground surface. Lateral piping was installed approximately 6-inches below ground surface. Directional borings were advanced beneath asphalt and concrete hardscape approximately 2 to 3 feet below ground surface. Approximate piping and boring locations are shown on Figure 3.

Intrusive activities were observed by Benchmark personnel to verify conformance with the SMP. Excavated sod and any excess cover soils (topsoil and clay) were stockpiled in the southwest corner of the Site and covered with polyethylene tarp to prevent erosion runoff. Approximately 0.86 tons of generated spoils from beneath the final cover were transported to the Chautauqua County Landfill (CCLF) in accordance with the SMP for disposal. Benchmark's request and CCLF scale receipts and approval are provided in Appendix C. Other than commercially available sod, imported material was not required during construction activities for the previously described improvement activities. New construction elements and modified surfaces described above are presented on Figure 3.

4.2.2 Imported Materials

Imported material was not required during construction activities performed during the current reporting period.

4.3 Annual Inspection and Certification Program

The Annual Inspection and Certification Program outlines requirements for certifying and attesting that the institutional controls and engineering controls employed on the Site are unchanged from the original design and/or previous certification. The Annual Certification includes a Site Inspection and completion of the NYSDEC's IC/EC Certification Form. The Site inspection is intended to verify that the IC/ECs:

- Are in place and effective.
- Are performing as designed.
- That nothing has occurred that would impair the ability of the controls to protect the public health and environment.
- That nothing has occurred that would constitute a violation or failure to comply with any operation and maintenance plan for such controls.
- Access is available to the Site to evaluate continued maintenance of such controls.

Inspection of the Site was conducted by Thomas Forbes, P.E. of Benchmark on June 7, 2017. Mr. Forbes is a licensed and registered NY State Professional Engineer and meets the requirements of a Qualified Environmental Professional (QEP) per 6NYCRR Part 375.12. At the time of the inspection, the Site was being used as a charter school educational facility (South Buffalo Charter School), with surface parking, concrete sidewalks, bioretention areas, ball fields (softball, baseball, and soccer), playgrounds, pole barn, and landscaped areas. No observable indication of intrusive activities was noted during the Site inspection beyond those described in Section 4.2. The charter school educational facility utilizes the local municipal water supply, and no observable use of groundwater was noted during the Site inspection.

The completed Site Management Periodic Review Report Notice – Institutional and Engineering Controls Certification Form is included in Appendix A. A photographic log of the Site inspections during intrusive work as well as the June 2017 Site inspection are included in Appendix B.

4.4 Operation, Monitoring and Maintenance Plan

The remedy for the Site does not rely on any mechanical systems such as sub-slab depressurization or soil vapor extraction, to protect public health and the environment. Therefore, an Operation and Maintenance Plan is not required.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Conclusions for this reporting period and recommendations for the next reporting period are as follows:

- At the time of the Site inspection, the Site was in compliance with the SMP. Portions of the Site underwent minor intrusive activities with NYSDEC knowledge and observation.
- No modifications are recommended at this time.

6.0 DECLARATION/LIMITATION

Benchmark Environmental Engineering and Science, PLLC personnel conducted the annual site inspection for BCP Site No. C915268, located in Buffalo, New York, according to generally accepted practices. This report complied with the scope of work provided to 154 South Ogden, LLC (and the South Buffalo Charter School) by Benchmark Environmental Engineering & Science, PLLC.

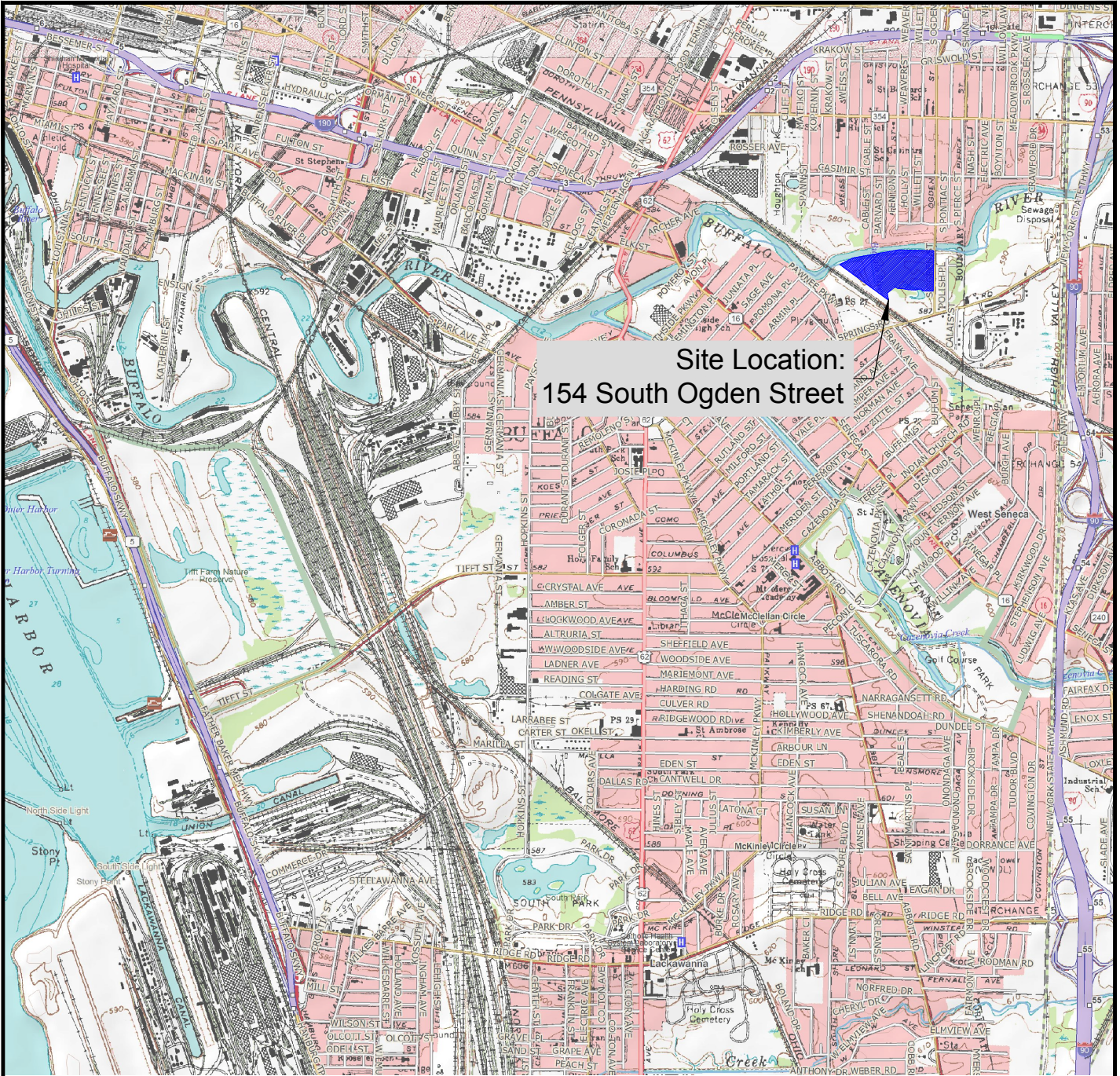
This report has been prepared for the exclusive use of 154 South Ogden, LLC (and the South Buffalo Charter School). The contents of this report are limited to information available at the time of the site inspection. The findings herein may be relied upon only at the discretion of 154 South Ogden, LLC (and South Buffalo Charter School). 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 and Science, PLLC.

7.0 REFERENCES


1. New York State Department of Environmental Conservation. *DER-10; Technical Guidance for Site Investigation and Remediation*. May 2010.
2. *Site Management Plan, 154 South Ogden Street Site, Buffalo, NY (NYSDEC BCP Site #C915268)*, dated September 2014, prepared by Benchmark Environmental Engineering and Science, PLLC.
3. *Final Engineering Report, 154 South Ogden Street Site, Buffalo, NY (NYSDEC BCP Site #C915268)*, dated November 2014, prepared by Benchmark Environmental Engineering and Science, PLLC.

FIGURES

FIGURE 1



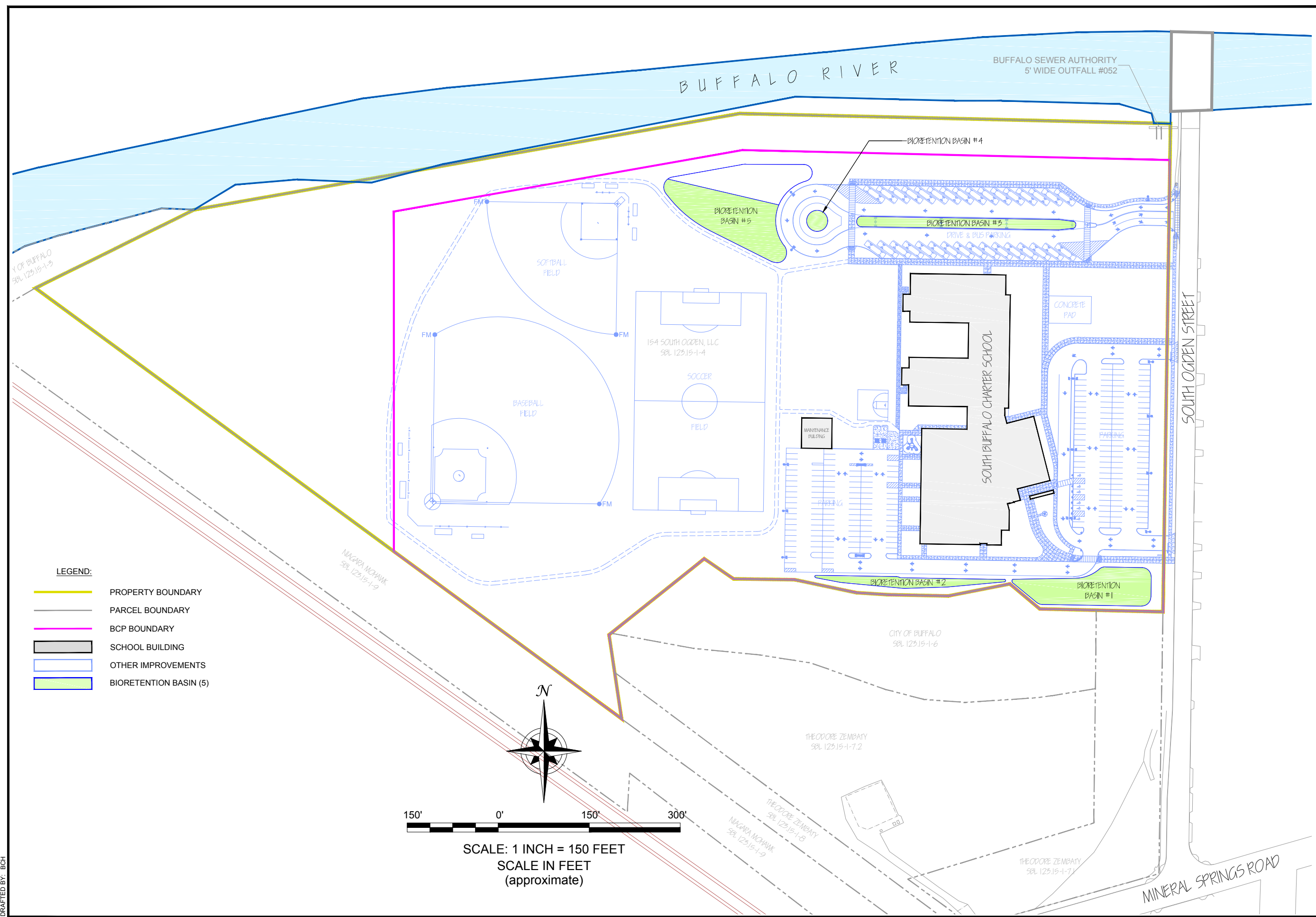
SCALE: 1 INCH = 3000 FEET
 SCALE IN FEET
 (approximate)

	2558 HAMBURG TURNPIKE SUITE 300 BUFFALO, NY 14218 (716) 856-0599
	PROJECT NO.: 0249-017-001
DATE: JUNE 2017	
DRAFTED BY: BCH	

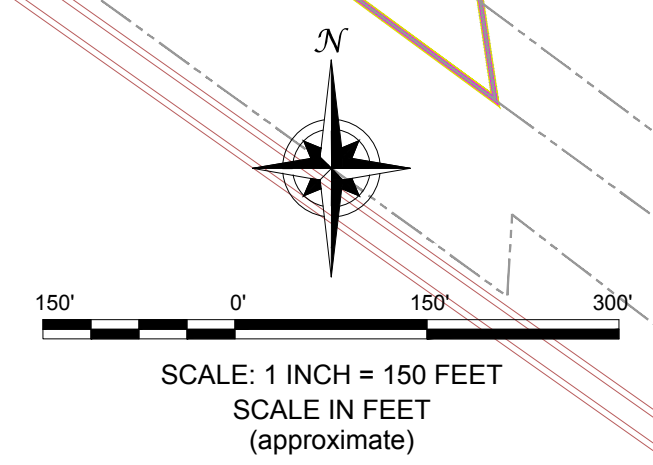
SITE LOCATION AND VICINITY MAP

PERIODIC REVIEW REPORT
 154 SOUTH OGDEN STREET SITE

BUFFALO, NEW YORK
 PREPARED FOR
 154 SOUTH OGDEN, LLC



- LEGEND:**
- PROPERTY BOUNDARY
 - PARCEL BOUNDARY
 - BCP BOUNDARY
 - SCHOOL BUILDING
 - OTHER IMPROVEMENTS
 - BIORETENTION BASIN (5)

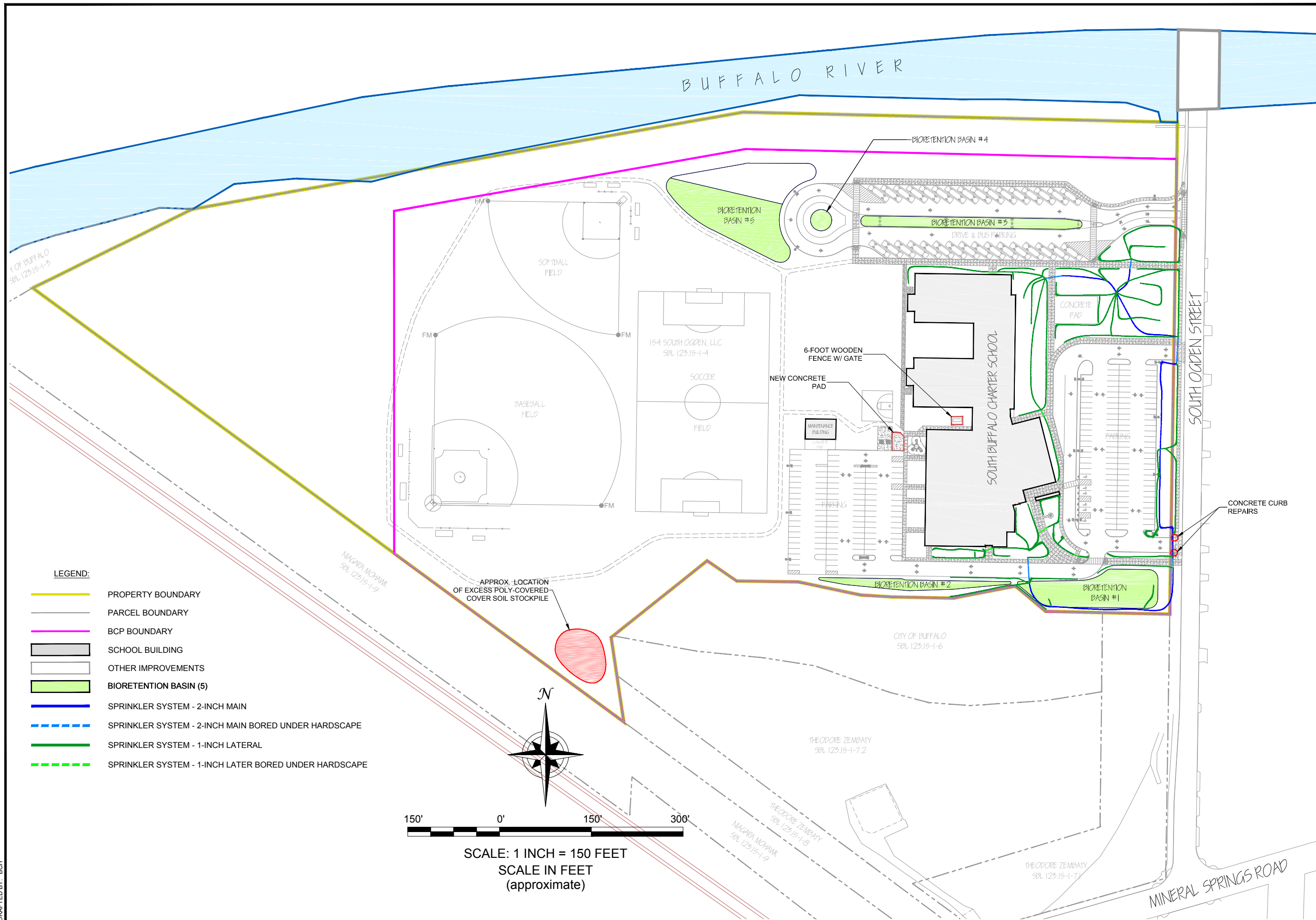


DATE: JUNE 2017
DRAFTED BY: BCH

JOB NO.: 0249-017-001

SITE PLAN
 PERIODIC REVIEW REPORT
 154 SOUTH OGDEN STREET SITE
 BUFFALO, NEW YORK
 PREPARED FOR
 154 SOUTH OGDEN, LLC

FIGURE 2



DATE: JUNE 2017
DRAFTED BY: BCH

INTRUSIVE ACTIVITY LOCATION MAP
PERIODIC REVIEW REPORT
154 SOUTH OGDEN STREET SITE
BUFFALO, NEW YORK
PREPARED FOR
154 SOUTH OGDEN, LLC



JOB NO.: 0249-017-001

FIGURE 3

APPENDIX A

INSTITUTIONAL & 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 Details	Box 1
Site No. C915268		
Site Name 154 South Ogden Street Site		
Site Address: 154 South Ogden Zip Code: 14210 City/Town: Buffalo County: Erie Site Acreage: 21.0		
Reporting Period: January 02, 2016 to June 15, 2017		
		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"/> NO
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"/> NO
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 checked="" type="checkbox"/> NO
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? Restricted-Residential, Commercial, and Industrial		<input checked="" type="checkbox"/> <input type="checkbox"/>
7. Are all ICs/ECs in place and functioning as designed?		<input checked="" type="checkbox"/> <input type="checkbox"/>
IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.		
A Corrective Measures Work Plan must be submitted along with this form to address these issues.		
_____ Signature of Owner, Remedial Party or Designated Representative		_____ Date

Box 2A

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. C915268 **Box 3**

Description of Institutional Controls

<u>Parcel</u>	<u>Owner</u>	<u>Institutional Control</u>
A portion of 123.15-1-4	154 South Ogden LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Site Management Plan IC/EC Plan

Adherence to Site Management Plan (SMP)
Allows development to restricted residential re-use
Prohibition of groundwater use
Allowance for Departmental access
Requires a Periodic Review and Report

Box 4

Description of Engineering Controls

<u>Parcel</u>	<u>Engineering Control</u>
A portion of 123.15-1-4	Cover System

Cover system over 5 acres of soil, blacktop, concrete

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. C915268

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 Jim Neimeier at 154 South Ogden 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.

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

6/14/2017
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 Thomas H. Forbes at 2558 Hamburg Turnpike, Suite 300, Buffalo, NY
print name print business address 14218

am certifying as a for the Professional Engineer for Owner
(Owner or Remedial Party)

Thomas H. Forbes
Signature of , for the Owner or Remedial Party,
Rendering Certification



6-14-17
Date

APPENDIX B

PHOTOGRAPHIC LOG



Client Name: South Buffalo Charter School		Site Location: 154 South Ogden Street Site (C915268)	Project No.: B0249-017-001
Photo No. 1	Date 06/30/16		
Direction Photo Taken: north			
Description: Curb repairs (north side of automobile entrance).			

Photo No. 2	Date 06/30/16		
Direction Photo Taken: east			
Description: Curb repairs (south side of automobile entrance).			


Client Name: South Buffalo Charter School		Site Location: 154 South Ogden Street Site (C915268)	Project No.: B0249-017-001
Photo No. 3	Date 06/30/16		
Direction Photo Taken: south			
Description: New concrete pad east of dumpster pad (at right).			

Photo No. 4	Date 07/19/16		
Direction Photo Taken: south			
Description: New concrete pad east of dumpster pad (at right).			



Client Name: South Buffalo Charter School		Site Location: 154 South Ogden Street Site (C915268)	Project No.: B0249-017-001
Photo No. 5	Date 06/29/16		
Direction Photo Taken: east			
Description: Installation of posts for 6-foot wooden fence around backup generator.			

Photo No. 6	Date 07/16/16	
Direction Photo Taken: east		
Description: Completed wooded fence installation around backup generator.		



Client Name: South Buffalo Charter School		Site Location: 154 South Ogden Street Site (C915268)	Project No.: B0249-017-001
Photo No. 7	Date 07/05/16		
Direction Photo Taken: east			
Description: New sod being placed along concrete sidewalks.			

Photo No. 8	Date 07/05/16		
Direction Photo Taken: north			
Description: New sod along concrete sidewalks.			

Client Name: South Buffalo Charter School		Site Location: 154 South Ogden Street Site (C915268)	Project No.: B0249-017-001
Photo No. 9	Date 07/05/16		
Direction Photo Taken: south			
Description: Boring machine used to install sprinkler system piping below asphalt and concrete hardscape. CAMP station in foreground.			

Photo No. 10	Date 07/05/16	
Direction Photo Taken: south		
Description: Trencher machine used to install sprinkler system piping.		

Client Name: South Buffalo Charter School		Site Location: 154 South Ogden Street Site (C915268)	Project No.: B0249-017-001
Photo No. 11	Date 07/13/16		
Direction Photo Taken: southeast			
Description: Typical trench excavated to install 1-inch sprinkler system piping lateral.			

Photo No. 12	Date 07/14/16	
Direction Photo Taken: NA		
Description: Typical manifold showing 2-inch main and 1-inch laterals.		



Client Name: South Buffalo Charter School		Site Location: 154 South Ogden Street Site (C915268)	Project No.: B0249-017-001
Photo No. 13	Date 07/28/16		
Direction Photo Taken: NA			
Description: Stockpiled spoils from sprinkler system installation overlying and covered with poly tarp.			

Photo No. 14	Date 07/28/16	
Direction Photo Taken: north		
Description: Loading out generated spoils from sprinkler system installation into tandem dump truck. Approximately 0.86 tons of material was transported to the Chautauqua County Landfill for disposal.		



Client Name: South Buffalo Charter School		Site Location: 154 South Ogden Street Site (C915268)	Project No.: B0249-017-001
Photo No. 15	Date 06/02/17		
Direction Photo Taken: north			
Description: Surface lot in front of school.			

Photo No. 16	Date 06/02/17		
Direction Photo Taken: west			
Description: Lawn and planter above grade planter boxes in front of school.			



Client Name: South Buffalo Charter School		Site Location: 154 South Ogden Street Site (C915268)	Project No.: B0249-017-001
Photo No. 17	Date 06/02/17		
Direction Photo Taken: west			
Description: Bus entrance drive/parking area.			

Photo No. 18	Date 06/02/17	
Direction Photo Taken: northwest		
Description: Bioretention pond #5.		



Client Name: South Buffalo Charter School		Site Location: 154 South Ogden Street Site (C915268)	Project No.: B0249-017-001
Photo No. 19	Date 06/02/17		
Direction Photo Taken: southwest			
Description: Ball fields showing Marco clay and grass/topsoil cover system components.			

Photo No. 20	Date 06/02/17		
Direction Photo Taken: east			
Description: Grass/topsoil and stone pedestrian path with school in background.			



Client Name: South Buffalo Charter School		Site Location: 154 South Ogden Street Site (C915268)		Project No.: B0249-017-001
Photo No. 21	Date 06/02/17			
Direction Photo Taken: south				
Description: Stockpiled cover soils covered with poly tarp.				

Photo No. 22	Date 06/02/17			
Direction Photo Taken: north				
Description: Playground and rear parking area.				



Client Name: South Buffalo Charter School		Site Location: 154 South Ogden Street Site (C915268)	Project No.: B0249-017-001
Photo No. 23	Date 06/02/17		
Direction Photo Taken: east			
Description: Access drive on south side of school building. Bioretention basins #1 and #2 at right.			

Photo No. 24	Date 06/02/17	
Direction Photo Taken: north		
Description: School entrance.		

APPENDIX C

INTRUSIVE ACTIVITY DOCUMENTATION

Bryan C. Hann

From: Jim Reed <jim@theaquateam.com>
Sent: Monday, June 13, 2016 7:41 AM
To: Bill Heitz
Cc: Bryan C. Hann
Subject: Re: Meeting
Attachments: Piping Path - Approximate.pdf

Good Morning,

I've attached the approximate piping installation plan for South Buffalo Charter. It's not to scale but it shows our most likely mainline piping path as well as the directional bore locations.

Mainline piping will be installed at approx 10" depth. Lateral piping is not shown but that is only pulled in at 6" depth. The directional bores are the items that, at least in the asphalt areas, will be deeper. These are shown in red. Under asphalt, we're most likely looking at a 2'-3' depth.

We will plan on starting the directional bores on Tuesday, July 5. It will most likely be a 2-day event but we'll obviously attempt to finish in one day. I know Bryan had wanted to schedule being there.

Bill, I'll see you Wednesday at 1pm so I can get another look at the hotbox.

Thanks,

Jim

Jim Reed | Lead
Estimator

Aqua Systems of WNY

T: 716.688.0139 | F: 716-
688-0364

E: Jim@theaquateam.com

W: www.theaquateam.com

The company accepts no liability for the content of this email, or for the consequences of any actions taken on the basis of the information provided, unless that information is subsequently confirmed in writing. If you are not the intended recipient you are notified that disclosing, copying, distributing or taking any action in reliance on the contents of this information is strictly prohibited.

On Fri, Apr 1, 2016 at 1:23 PM, Bill Heitz <bheitz@southbuffalocs.org> wrote:

Thank you both, plan on meeting at 9am Tuesday.

From: Jim Reed <jim@theaquateam.com>

Sent: Friday, April 1, 2016 1:21 PM

To: Bill Heitz

Cc: Bryan Hann

Subject: Re: Meeting

I'm good for 9am next Tuesday.

Sent with [MailTrack](#)



Jim Reed | Lead Estimator
Aqua Systems of WNY

T: [716.688.0139](tel:716.688.0139) | F: [716-688-0364](tel:716-688-0364)

E: Jim@theaquateam.com

W: www.theaquateam.com

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On Fri, Apr 1, 2016 at 1:04 PM, Bill Heitz <bheitz@southbuffalocs.org> wrote:

Bryan and Jim,

I would like to meet next Tuesday morning at 9am at the school in regard to the sprinkler system installation.

Let me know if this will work for you.

The meeting should take about 20 minutes at the most.

Please let me know so I can schedule it.

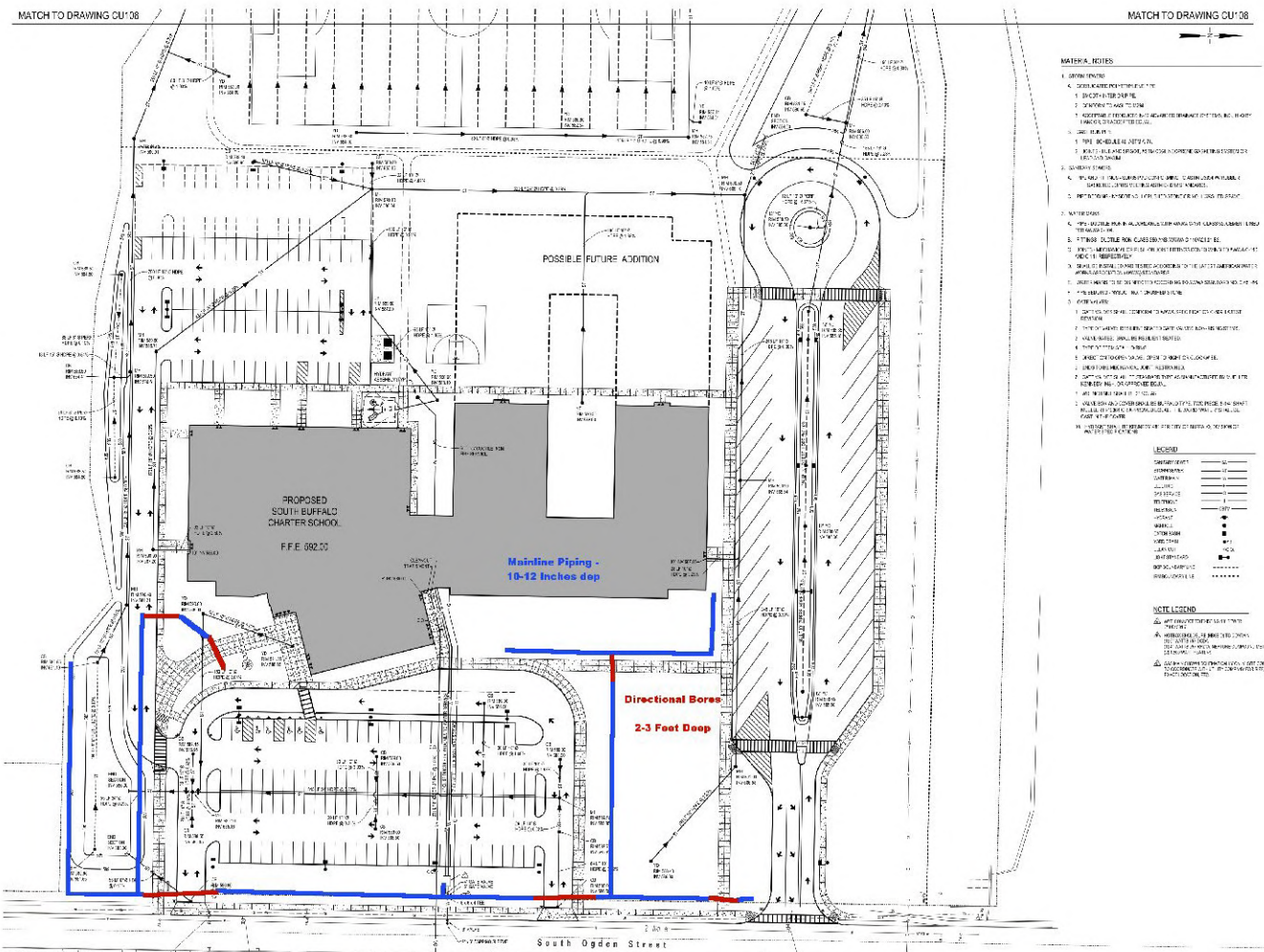
Thanks,

Bill

Bill Heitz
Building Engineer
South Buffalo Charter School
154 South Ogden St.
Buffalo, NY 14210
826-7213 ext.122
fax: 826-7168

MATCH TO DRAWING CU108

MATCH TO DRAWING CU108



MATERIAL NOTES

1. OPEN TRENCH
 - A. 30% SAND FILL TO TOP OF TRENCH
 - B. 10% SAND FILL TO TOP OF TRENCH
 - C. 60% SAND FILL TO TOP OF TRENCH
2. TRENCH WALLS
 - A. 12" HDPE PIPE
 - B. 12" PVC PIPE
 - C. 12" CORRUGATED METAL PIPE
3. WATER MAIN
 - A. 12" HDPE PIPE
 - B. 12" PVC PIPE
 - C. 12" CORRUGATED METAL PIPE
4. SEWER MAIN
 - A. 12" HDPE PIPE
 - B. 12" PVC PIPE
 - C. 12" CORRUGATED METAL PIPE
5. WATER SERVICE
 - A. 12" HDPE PIPE
 - B. 12" PVC PIPE
 - C. 12" CORRUGATED METAL PIPE
6. SEWER SERVICE
 - A. 12" HDPE PIPE
 - B. 12" PVC PIPE
 - C. 12" CORRUGATED METAL PIPE
7. 12" HDPE PIPE SHALL BE USED FOR ALL TRENCHES EXCEPT WHERE NOTED OTHERWISE.
8. 12" PVC PIPE SHALL BE USED FOR ALL TRENCHES EXCEPT WHERE NOTED OTHERWISE.
9. 12" CORRUGATED METAL PIPE SHALL BE USED FOR ALL TRENCHES EXCEPT WHERE NOTED OTHERWISE.
10. ALL TRENCHES SHALL BE 18" DEEP UNLESS NOTED OTHERWISE.
11. ALL TRENCHES SHALL BE 18" WIDE UNLESS NOTED OTHERWISE.
12. ALL TRENCHES SHALL BE 18" DEEP UNLESS NOTED OTHERWISE.
13. ALL TRENCHES SHALL BE 18" WIDE UNLESS NOTED OTHERWISE.
14. ALL TRENCHES SHALL BE 18" DEEP UNLESS NOTED OTHERWISE.
15. ALL TRENCHES SHALL BE 18" WIDE UNLESS NOTED OTHERWISE.

LEGEND

12" HDPE PIPE	---
12" PVC PIPE	---
12" CORRUGATED METAL PIPE	---
12" WATER MAIN	---
12" SEWER MAIN	---
12" WATER SERVICE	---
12" SEWER SERVICE	---
12" HDPE PIPE	---
12" PVC PIPE	---
12" CORRUGATED METAL PIPE	---
12" WATER MAIN	---
12" SEWER MAIN	---
12" WATER SERVICE	---
12" SEWER SERVICE	---

NOTE LEGEND

1. ALL TRENCHES SHALL BE 18" DEEP UNLESS NOTED OTHERWISE.

2. ALL TRENCHES SHALL BE 18" WIDE UNLESS NOTED OTHERWISE.

3. ALL TRENCHES SHALL BE 18" DEEP UNLESS NOTED OTHERWISE.

4. ALL TRENCHES SHALL BE 18" WIDE UNLESS NOTED OTHERWISE.



STIEGLITZ SNYDER ARCHITECTURE
 1000 S. OGDEN STREET
 SUITE 100
 BUFFALO, NY 14202
 PH: 716.835.1234
 FAX: 716.835.1235
 WWW: STIEGLITZSNYDER.COM

SOUTH BUFFALO CHARTER SCHOOL
 SOUTH OGDEN STREET AND MARSHALL STINNES ROAD
 STIEGLITZ SNYDER ARCHITECTURE PROJECT 11.25

DATE: FEBRUARY 22, 2017
 DRAWN BY: [Name]
 CHECKED BY: [Name]
 PROJECT NO: [Number]

UTILITY PLAN
 EAST
 CU107

CONTRACTOR: <i>RJ Zima Inc / Greenville Landscaper</i>	JOB NO.: <i>0249-016-015</i>
CLIENT: <i>South Buffalo Charter School</i>	DATE: <i>7/5/16</i>

LOCATION: <i>154 South Ogden Ave. Site</i>	DAY: <i>Su M <u>Tu</u> W Th F Sa</i>
WEATHER: <i>Partly cloudy Low 70's</i>	TEMP: °F
START: <i>0900</i>	END:

WORK PERFORMED:

0900 met with RJ Zima workers, went over soil handling procedures.

0920 set up CAMP station, Downwind of Intrusion work, Contractor will only be boring holes underneath Entrances ~~at~~ and sidewalks of site. No cuttings will be brought to surface for this.

0930 - land scapers placing sod around side walks In Back, only removing Turf and ~ 2.0" of soil will be replaced w/ sod, landscapers took soil from piles In Back for top soil

1000 - land scapers are using a mini Excavator By New fence around transformer to search for broken electric line, Excavated ~ 2 to 3" Below Remark, Told Bill to Have All spoils consolidated down to mixing, and will need to be shipped out.

1100 - left site

1530 Back onsite, Broke down meters, spoils pile consolidated, Land scapers ~~are~~ putting back soil for piles In Back and removed Turf.

TEST PERFORMED:	QA PERSONNEL: <i>TAB</i>
	SIGNATURE: <i>[Signature]</i>

COMMUNITY AIR MONITORING DAILY LOG

Date: 7/5/16
 Project: 2016 Actsoo-faces
 Job No.: 0248-016-05
 Client: South Buffalo charter school

WEATHER CONDITIONS:

Time of Day:	<u>900</u> A.M.	<u>1530</u> P.M.
Ambient Air Temp.:	<u>Low 70°</u>	<u>Low 80°</u>
Wind Direction:	<u>SW</u>	<u>SW</u>
Wind Speed:	<u>5-10</u>	<u>5-10</u>
Precipitation:	<u>NONE</u>	<u>NONE</u>

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

DESCRIPTION OF SITE ACTIVITIES: Boring holes underneath Driveways and Entrances and Exits

PARTICULATE MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 100 ug/m3 ¹			<u>NONE</u>		
Exceedence of 150 ug/m3 ¹			<u>NONE</u>		
Visual Observation of Fugitive Dust			<u>NA</u>		
			<u>NA</u>		
			<u>NA</u>		

VOC MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 5 ppm ¹			<u>NONE</u>		Temporarily halt Work and continue monitoring
Reading of 5 to 25 ppm ¹			<u>NONE</u>		Temporarily halt Work, abate emissions with corrective actions and continue monitoring ³
Exceedence of 25 ppm ²			<u>NONE</u>		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: TJR Date: 7/5/16
 Checked By: TJR Date: _____

7/5/16

AM+
Pinned

MATCH TO DRAWING CU'38

MATCH TO DRAWING CU'38

- NOTES**
1. SEE PLAN FOR ALL DIMENSIONS UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
 3. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
 4. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
 5. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
 6. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
 7. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
 8. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
 9. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
 10. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.



SOUTH BUFFALO CHARTER SCHOOL
 SOUTH BUFFALO, ALABAMA
 SOUTH BUFFALO CHARTER SCHOOL ARCHITECTURE PROJECT 1125

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	7/5/16
2	ISSUED FOR PERMIT	7/5/16
3	ISSUED FOR PERMIT	7/5/16
4	ISSUED FOR PERMIT	7/5/16
5	ISSUED FOR PERMIT	7/5/16
6	ISSUED FOR PERMIT	7/5/16
7	ISSUED FOR PERMIT	7/5/16
8	ISSUED FOR PERMIT	7/5/16
9	ISSUED FOR PERMIT	7/5/16
10	ISSUED FOR PERMIT	7/5/16

NOTES

1. SEE PLAN FOR ALL DIMENSIONS UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
3. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
4. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
5. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
6. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
7. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
8. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
9. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
10. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.

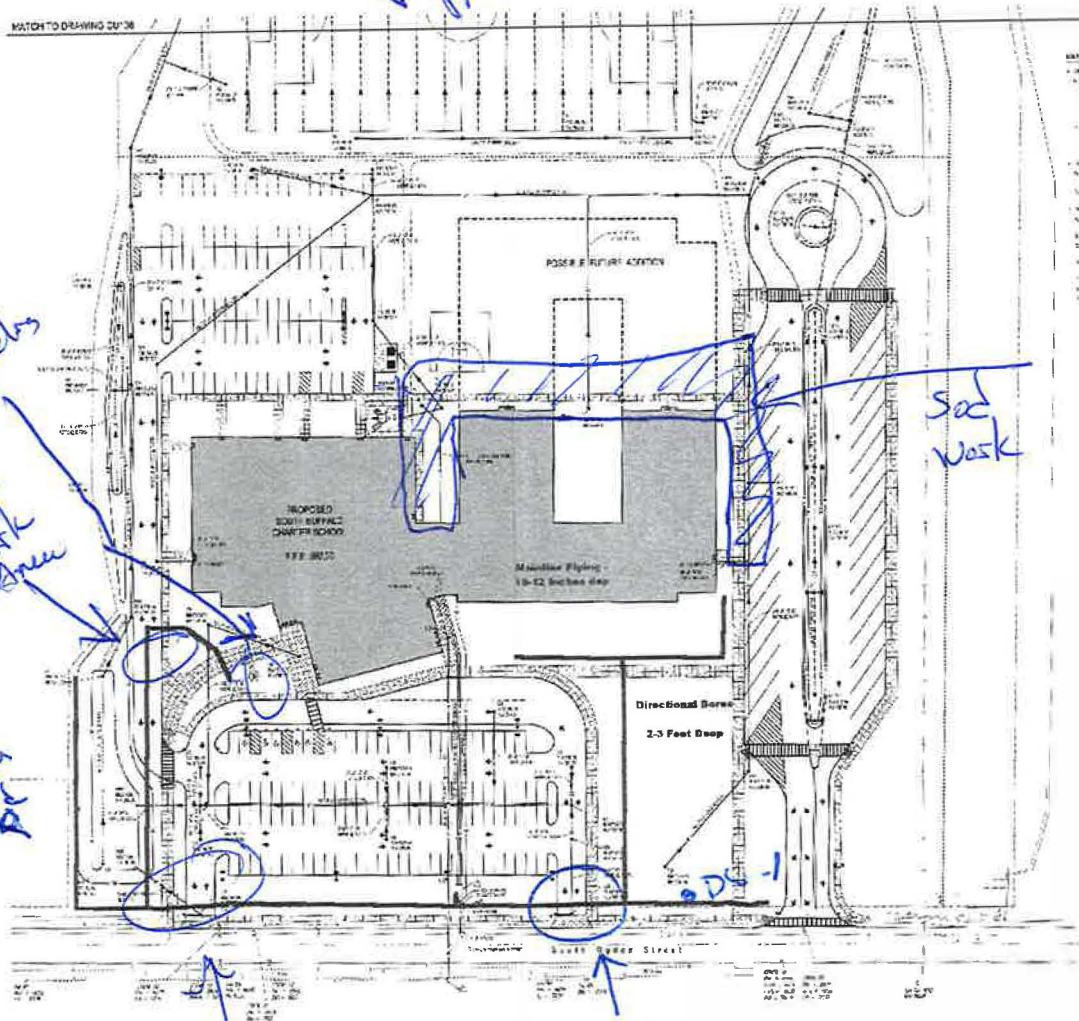
UTILITY PLAN
 EAST
 CU107

Sprinklers
 Work Area

Soil Work

AM+PM
 Wind

Workman
 Sprinklers
 Work Area



Test 001

Instrument		Data Properties	
Model	SidePak Aerosol Monitor	Start Date	07/05/2016
Meter S/N	11106036	Start Time	09:31:49
		Stop Date	07/05/2016
		Stop Time	15:16:49
		Total Time	0:05:45:00
		Logging Interval	900 seconds

Statistics	
	Aerosol
Avg	0.015 mg/m ³
Max	0.020 mg/m ³
Max Date	07/05/2016
Max Time	14:01:49
Min	0.011 mg/m ³
Min Date	07/05/2016
Min Time	15:16:49
TWA (8 hr)	0.011
TWA Start Date	07/05/2016
TWA Start Time	09:31:49
TWA End Time	15:16:49

Test Data			
Data Point	Date	Time	Aerosol mg/m ³
1	07/05/2016	09:46:49	0.016
2	07/05/2016	10:01:49	0.016
3	07/05/2016	10:16:49	0.015
4	07/05/2016	10:31:49	0.015
5	07/05/2016	10:46:49	0.015
6	07/05/2016	11:01:49	0.014
7	07/05/2016	11:16:49	0.013
8	07/05/2016	11:31:49	0.014
9	07/05/2016	11:46:49	0.016
10	07/05/2016	12:01:49	0.014
11	07/05/2016	12:16:49	0.013
12	07/05/2016	12:31:49	0.013
13	07/05/2016	12:46:49	0.013
14	07/05/2016	13:01:49	0.013
15	07/05/2016	13:16:49	0.015
16	07/05/2016	13:31:49	0.016
17	07/05/2016	13:46:49	0.019
18	07/05/2016	14:01:49	0.020
19	07/05/2016	14:16:49	0.020
20	07/05/2016	14:31:49	0.020
21	07/05/2016	14:46:49	0.019
22	07/05/2016	15:01:49	0.016
23	07/05/2016	15:16:49	0.011

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 006938
User ID: PID 1 Site ID: PID 1694
Data Points: 351 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 07/01/2016 14:12
Start At: 07/05/2016 09:16 End At: 07/05/2016 15:06

```
=====
```

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels:	100.0	100.0	100.0
Low Alarm Levels:	50.0	50.0	50.0
STEL Alarm Levels:	25.0	25.0	25.0
TWA Alarm Levels:	5.0	5.0	5.0

```
=====
```

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
Peak Data Value:	-----	0.0	0.0
Min Data Value:	-----	0.0	0.0
TWA Data Value:	-----	0.0	0.0
AVG Data Value:	-----	0.0	0.0

```
=====
```

Instrument: MiniRAE 2000 (PGM7600)

Serial Number: 006938

User ID: PID 1

Site ID: PID 1694

Data Points: 351

Gas Name: Isobutylene

Sample Period: 60 sec

Last Calibration Time: 07/01/2016 14:12

```

=====
Measurement Type:
Alarm Type:          STEL      Min(ppm)      Avg(ppm)      Max(ppm)
                    STEL      TWA      AVG      STEL      TWA      AVG      STEL      TWA      AVG
Alarm Levels:        25.0      5.0          25.0      5.0          25.0      5.0
=====

```

Line#	Date	Time	Min(ppm)			Avg(ppm)			Max(ppm)		
			STEL	TWA	AVG	STEL	TWA	AVG	STEL	TWA	AVG
1	07/05/2016	09:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
2	07/05/2016	09:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
3	07/05/2016	09:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
4	07/05/2016	09:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
5	07/05/2016	09:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
6	07/05/2016	09:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
7	07/05/2016	09:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
8	07/05/2016	09:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
9	07/05/2016	09:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
10	07/05/2016	09:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
11	07/05/2016	09:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
12	07/05/2016	09:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
13	07/05/2016	09:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
14	07/05/2016	09:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
15	07/05/2016	09:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
16	07/05/2016	09:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
17	07/05/2016	09:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
18	07/05/2016	09:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
19	07/05/2016	09:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
20	07/05/2016	09:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
21	07/05/2016	09:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
22	07/05/2016	09:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
23	07/05/2016	09:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
24	07/05/2016	09:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
25	07/05/2016	09:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
26	07/05/2016	09:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
27	07/05/2016	09:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
28	07/05/2016	09:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
29	07/05/2016	09:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
30	07/05/2016	09:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
31	07/05/2016	09:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
32	07/05/2016	09:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
33	07/05/2016	09:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
34	07/05/2016	09:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
35	07/05/2016	09:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
36	07/05/2016	09:51	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
37	07/05/2016	09:52	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
38	07/05/2016	09:53	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
39	07/05/2016	09:54	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
40	07/05/2016	09:55	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
41	07/05/2016	09:56	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
42	07/05/2016	09:57	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
43	07/05/2016	09:58	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
44	07/05/2016	09:59	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
45	07/05/2016	10:00	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
46	07/05/2016	10:01	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
47	07/05/2016	10:02	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
48	07/05/2016	10:03	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
49	07/05/2016	10:04	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
50	07/05/2016	10:05	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
51	07/05/2016	10:06	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
52	07/05/2016	10:07	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
53	07/05/2016	10:08	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
54	07/05/2016	10:09	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
55	07/05/2016	10:10	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

328	07/05/2016	14:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
329	07/05/2016	14:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
330	07/05/2016	14:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
331	07/05/2016	14:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
332	07/05/2016	14:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
333	07/05/2016	14:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
334	07/05/2016	14:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
335	07/05/2016	14:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
336	07/05/2016	14:51	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
337	07/05/2016	14:52	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
338	07/05/2016	14:53	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
339	07/05/2016	14:54	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
340	07/05/2016	14:55	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
341	07/05/2016	14:56	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
342	07/05/2016	14:57	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
343	07/05/2016	14:58	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
344	07/05/2016	14:59	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
345	07/05/2016	15:00	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
346	07/05/2016	15:01	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
347	07/05/2016	15:02	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
348	07/05/2016	15:03	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
349	07/05/2016	15:04	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
350	07/05/2016	15:05	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
351	07/05/2016	15:06	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 006938
 User ID: PID 1 Site ID: PID 1694
 Data Points: 351 Gas Name: Isobutylene Sample Period: 60 sec
 Last Calibration Time: 07/01/2016 14:12

```

=====
Measurement Type:          Min(ppm)          Avg(ppm)          Max(ppm)
High Alarm Levels:        100.0          100.0          100.0
Low Alarm Levels:         50.0           50.0           50.0
=====

```

```

=====
Line#      Date   Time           Min(ppm)          Avg(ppm)          Max(ppm)
=====
  1  07/05/2016 09:16          -----          0.0              0.0
  2  07/05/2016 09:17          -----          0.0              0.0
  3  07/05/2016 09:18          -----          0.0              0.0
  4  07/05/2016 09:19          -----          0.0              0.0
  5  07/05/2016 09:20          -----          0.0              0.0
  6  07/05/2016 09:21          -----          0.0              0.0
  7  07/05/2016 09:22          -----          0.0              0.0
  8  07/05/2016 09:23          -----          0.0              0.0
  9  07/05/2016 09:24          -----          0.0              0.0
 10  07/05/2016 09:25          -----          0.0              0.0
 11  07/05/2016 09:26          -----          0.0              0.0
 12  07/05/2016 09:27          -----          0.0              0.0
 13  07/05/2016 09:28          -----          0.0              0.0
 14  07/05/2016 09:29          -----          0.0              0.0
 15  07/05/2016 09:30          -----          0.0              0.0
 16  07/05/2016 09:31          -----          0.0              0.0
 17  07/05/2016 09:32          -----          0.0              0.0
 18  07/05/2016 09:33          -----          0.0              0.0
 19  07/05/2016 09:34          -----          0.0              0.0
 20  07/05/2016 09:35          -----          0.0              0.0
 21  07/05/2016 09:36          -----          0.0              0.0
 22  07/05/2016 09:37          -----          0.0              0.0
 23  07/05/2016 09:38          -----          0.0              0.0
 24  07/05/2016 09:39          -----          0.0              0.0
 25  07/05/2016 09:40          -----          0.0              0.0
 26  07/05/2016 09:41          -----          0.0              0.0
 27  07/05/2016 09:42          -----          0.0              0.0
 28  07/05/2016 09:43          -----          0.0              0.0
 29  07/05/2016 09:44          -----          0.0              0.0
 30  07/05/2016 09:45          -----          0.0              0.0
 31  07/05/2016 09:46          -----          0.0              0.0
 32  07/05/2016 09:47          -----          0.0              0.0
 33  07/05/2016 09:48          -----          0.0              0.0
 34  07/05/2016 09:49          -----          0.0              0.0
 35  07/05/2016 09:50          -----          0.0              0.0
 36  07/05/2016 09:51          -----          0.0              0.0
 37  07/05/2016 09:52          -----          0.0              0.0
 38  07/05/2016 09:53          -----          0.0              0.0
 39  07/05/2016 09:54          -----          0.0              0.0
 40  07/05/2016 09:55          -----          0.0              0.0
 41  07/05/2016 09:56          -----          0.0              0.0
 42  07/05/2016 09:57          -----          0.0              0.0
 43  07/05/2016 09:58          -----          0.0              0.0
 44  07/05/2016 09:59          -----          0.0              0.0
 45  07/05/2016 10:00          -----          0.0              0.0
 46  07/05/2016 10:01          -----          0.0              0.0
 47  07/05/2016 10:02          -----          0.0              0.0
 48  07/05/2016 10:03          -----          0.0              0.0
 49  07/05/2016 10:04          -----          0.0              0.0
 50  07/05/2016 10:05          -----          0.0              0.0
 51  07/05/2016 10:06          -----          0.0              0.0
 52  07/05/2016 10:07          -----          0.0              0.0
 53  07/05/2016 10:08          -----          0.0              0.0
 54  07/05/2016 10:09          -----          0.0              0.0
 55  07/05/2016 10:10          -----          0.0              0.0
 56  07/05/2016 10:11          -----          0.0              0.0
 57  07/05/2016 10:12          -----          0.0              0.0
=====

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58	07/05/2016	10:13	-----	0.0	0.0
59	07/05/2016	10:14	-----	0.0	0.0
60	07/05/2016	10:15	-----	0.0	0.0
61	07/05/2016	10:16	-----	0.0	0.0
62	07/05/2016	10:17	-----	0.0	0.0
63	07/05/2016	10:18	-----	0.0	0.0
64	07/05/2016	10:19	-----	0.0	0.0
65	07/05/2016	10:20	-----	0.0	0.0
66	07/05/2016	10:21	-----	0.0	0.0
67	07/05/2016	10:22	-----	0.0	0.0
68	07/05/2016	10:23	-----	0.0	0.0
69	07/05/2016	10:24	-----	0.0	0.0
70	07/05/2016	10:25	-----	0.0	0.0
71	07/05/2016	10:26	-----	0.0	0.0
72	07/05/2016	10:27	-----	0.0	0.0
73	07/05/2016	10:28	-----	0.0	0.0
74	07/05/2016	10:29	-----	0.0	0.0
75	07/05/2016	10:30	-----	0.0	0.0
76	07/05/2016	10:31	-----	0.0	0.0
77	07/05/2016	10:32	-----	0.0	0.0
78	07/05/2016	10:33	-----	0.0	0.0
79	07/05/2016	10:34	-----	0.0	0.0
80	07/05/2016	10:35	-----	0.0	0.0
81	07/05/2016	10:36	-----	0.0	0.0
82	07/05/2016	10:37	-----	0.0	0.0
83	07/05/2016	10:38	-----	0.0	0.0
84	07/05/2016	10:39	-----	0.0	0.0
85	07/05/2016	10:40	-----	0.0	0.0
86	07/05/2016	10:41	-----	0.0	0.0
87	07/05/2016	10:42	-----	0.0	0.0
88	07/05/2016	10:43	-----	0.0	0.0
89	07/05/2016	10:44	-----	0.0	0.0
90	07/05/2016	10:45	-----	0.0	0.0
91	07/05/2016	10:46	-----	0.0	0.0
92	07/05/2016	10:47	-----	0.0	0.0
93	07/05/2016	10:48	-----	0.0	0.0
94	07/05/2016	10:49	-----	0.0	0.0
95	07/05/2016	10:50	-----	0.0	0.0
96	07/05/2016	10:51	-----	0.0	0.0
97	07/05/2016	10:52	-----	0.0	0.0
98	07/05/2016	10:53	-----	0.0	0.0
99	07/05/2016	10:54	-----	0.0	0.0
100	07/05/2016	10:55	-----	0.0	0.0
101	07/05/2016	10:56	-----	0.0	0.0
102	07/05/2016	10:57	-----	0.0	0.0
103	07/05/2016	10:58	-----	0.0	0.0
104	07/05/2016	10:59	-----	0.0	0.0
105	07/05/2016	11:00	-----	0.0	0.0
106	07/05/2016	11:01	-----	0.0	0.0
107	07/05/2016	11:02	-----	0.0	0.0
108	07/05/2016	11:03	-----	0.0	0.0
109	07/05/2016	11:04	-----	0.0	0.0
110	07/05/2016	11:05	-----	0.0	0.0
111	07/05/2016	11:06	-----	0.0	0.0
112	07/05/2016	11:07	-----	0.0	0.0
113	07/05/2016	11:08	-----	0.0	0.0
114	07/05/2016	11:09	-----	0.0	0.0
115	07/05/2016	11:10	-----	0.0	0.0
116	07/05/2016	11:11	-----	0.0	0.0
117	07/05/2016	11:12	-----	0.0	0.0
118	07/05/2016	11:13	-----	0.0	0.0
119	07/05/2016	11:14	-----	0.0	0.0
120	07/05/2016	11:15	-----	0.0	0.0
121	07/05/2016	11:16	-----	0.0	0.0
122	07/05/2016	11:17	-----	0.0	0.0
123	07/05/2016	11:18	-----	0.0	0.0
124	07/05/2016	11:19	-----	0.0	0.0
125	07/05/2016	11:20	-----	0.0	0.0

126	07/05/2016	11:21	-----	0.0	0.0
127	07/05/2016	11:22	-----	0.0	0.0
128	07/05/2016	11:23	-----	0.0	0.0
129	07/05/2016	11:24	-----	0.0	0.0
130	07/05/2016	11:25	-----	0.0	0.0
131	07/05/2016	11:26	-----	0.0	0.0
132	07/05/2016	11:27	-----	0.0	0.0
133	07/05/2016	11:28	-----	0.0	0.0
134	07/05/2016	11:29	-----	0.0	0.0
135	07/05/2016	11:30	-----	0.0	0.0
136	07/05/2016	11:31	-----	0.0	0.0
137	07/05/2016	11:32	-----	0.0	0.0
138	07/05/2016	11:33	-----	0.0	0.0
139	07/05/2016	11:34	-----	0.0	0.0
140	07/05/2016	11:35	-----	0.0	0.0
141	07/05/2016	11:36	-----	0.0	0.0
142	07/05/2016	11:37	-----	0.0	0.0
143	07/05/2016	11:38	-----	0.0	0.0
144	07/05/2016	11:39	-----	0.0	0.0
145	07/05/2016	11:40	-----	0.0	0.0
146	07/05/2016	11:41	-----	0.0	0.0
147	07/05/2016	11:42	-----	0.0	0.0
148	07/05/2016	11:43	-----	0.0	0.0
149	07/05/2016	11:44	-----	0.0	0.0
150	07/05/2016	11:45	-----	0.0	0.0
151	07/05/2016	11:46	-----	0.0	0.0
152	07/05/2016	11:47	-----	0.0	0.0
153	07/05/2016	11:48	-----	0.0	0.0
154	07/05/2016	11:49	-----	0.0	0.0
155	07/05/2016	11:50	-----	0.0	0.0
156	07/05/2016	11:51	-----	0.0	0.0
157	07/05/2016	11:52	-----	0.0	0.0
158	07/05/2016	11:53	-----	0.0	0.0
159	07/05/2016	11:54	-----	0.0	0.0
160	07/05/2016	11:55	-----	0.0	0.0
161	07/05/2016	11:56	-----	0.0	0.0
162	07/05/2016	11:57	-----	0.0	0.0
163	07/05/2016	11:58	-----	0.0	0.0
164	07/05/2016	11:59	-----	0.0	0.0
165	07/05/2016	12:00	-----	0.0	0.0
166	07/05/2016	12:01	-----	0.0	0.0
167	07/05/2016	12:02	-----	0.0	0.0
168	07/05/2016	12:03	-----	0.0	0.0
169	07/05/2016	12:04	-----	0.0	0.0
170	07/05/2016	12:05	-----	0.0	0.0
171	07/05/2016	12:06	-----	0.0	0.0
172	07/05/2016	12:07	-----	0.0	0.0
173	07/05/2016	12:08	-----	0.0	0.0
174	07/05/2016	12:09	-----	0.0	0.0
175	07/05/2016	12:10	-----	0.0	0.0
176	07/05/2016	12:11	-----	0.0	0.0
177	07/05/2016	12:12	-----	0.0	0.0
178	07/05/2016	12:13	-----	0.0	0.0
179	07/05/2016	12:14	-----	0.0	0.0
180	07/05/2016	12:15	-----	0.0	0.0
181	07/05/2016	12:16	-----	0.0	0.0
182	07/05/2016	12:17	-----	0.0	0.0
183	07/05/2016	12:18	-----	0.0	0.0
184	07/05/2016	12:19	-----	0.0	0.0
185	07/05/2016	12:20	-----	0.0	0.0
186	07/05/2016	12:21	-----	0.0	0.0
187	07/05/2016	12:22	-----	0.0	0.0
188	07/05/2016	12:23	-----	0.0	0.0
189	07/05/2016	12:24	-----	0.0	0.0
190	07/05/2016	12:25	-----	0.0	0.0
191	07/05/2016	12:26	-----	0.0	0.0
192	07/05/2016	12:27	-----	0.0	0.0
193	07/05/2016	12:28	-----	0.0	0.0

194	07/05/2016	12:29	-----	0.0	0.0
195	07/05/2016	12:30	-----	0.0	0.0
196	07/05/2016	12:31	-----	0.0	0.0
197	07/05/2016	12:32	-----	0.0	0.0
198	07/05/2016	12:33	-----	0.0	0.0
199	07/05/2016	12:34	-----	0.0	0.0
200	07/05/2016	12:35	-----	0.0	0.0
201	07/05/2016	12:36	-----	0.0	0.0
202	07/05/2016	12:37	-----	0.0	0.0
203	07/05/2016	12:38	-----	0.0	0.0
204	07/05/2016	12:39	-----	0.0	0.0
205	07/05/2016	12:40	-----	0.0	0.0
206	07/05/2016	12:41	-----	0.0	0.0
207	07/05/2016	12:42	-----	0.0	0.0
208	07/05/2016	12:43	-----	0.0	0.0
209	07/05/2016	12:44	-----	0.0	0.0
210	07/05/2016	12:45	-----	0.0	0.0
211	07/05/2016	12:46	-----	0.0	0.0
212	07/05/2016	12:47	-----	0.0	0.0
213	07/05/2016	12:48	-----	0.0	0.0
214	07/05/2016	12:49	-----	0.0	0.0
215	07/05/2016	12:50	-----	0.0	0.0
216	07/05/2016	12:51	-----	0.0	0.0
217	07/05/2016	12:52	-----	0.0	0.0
218	07/05/2016	12:53	-----	0.0	0.0
219	07/05/2016	12:54	-----	0.0	0.0
220	07/05/2016	12:55	-----	0.0	0.0
221	07/05/2016	12:56	-----	0.0	0.0
222	07/05/2016	12:57	-----	0.0	0.0
223	07/05/2016	12:58	-----	0.0	0.0
224	07/05/2016	12:59	-----	0.0	0.0
225	07/05/2016	13:00	-----	0.0	0.0
226	07/05/2016	13:01	-----	0.0	0.0
227	07/05/2016	13:02	-----	0.0	0.0
228	07/05/2016	13:03	-----	0.0	0.0
229	07/05/2016	13:04	-----	0.0	0.0
230	07/05/2016	13:05	-----	0.0	0.0
231	07/05/2016	13:06	-----	0.0	0.0
232	07/05/2016	13:07	-----	0.0	0.0
233	07/05/2016	13:08	-----	0.0	0.0
234	07/05/2016	13:09	-----	0.0	0.0
235	07/05/2016	13:10	-----	0.0	0.0
236	07/05/2016	13:11	-----	0.0	0.0
237	07/05/2016	13:12	-----	0.0	0.0
238	07/05/2016	13:13	-----	0.0	0.0
239	07/05/2016	13:14	-----	0.0	0.0
240	07/05/2016	13:15	-----	0.0	0.0
241	07/05/2016	13:16	-----	0.0	0.0
242	07/05/2016	13:17	-----	0.0	0.0
243	07/05/2016	13:18	-----	0.0	0.0
244	07/05/2016	13:19	-----	0.0	0.0
245	07/05/2016	13:20	-----	0.0	0.0
246	07/05/2016	13:21	-----	0.0	0.0
247	07/05/2016	13:22	-----	0.0	0.0
248	07/05/2016	13:23	-----	0.0	0.0
249	07/05/2016	13:24	-----	0.0	0.0
250	07/05/2016	13:25	-----	0.0	0.0
251	07/05/2016	13:26	-----	0.0	0.0
252	07/05/2016	13:27	-----	0.0	0.0
253	07/05/2016	13:28	-----	0.0	0.0
254	07/05/2016	13:29	-----	0.0	0.0
255	07/05/2016	13:30	-----	0.0	0.0
256	07/05/2016	13:31	-----	0.0	0.0
257	07/05/2016	13:32	-----	0.0	0.0
258	07/05/2016	13:33	-----	0.0	0.0
259	07/05/2016	13:34	-----	0.0	0.0
260	07/05/2016	13:35	-----	0.0	0.0
261	07/05/2016	13:36	-----	0.0	0.0

262	07/05/2016	13:37	-----	0.0	0.0
263	07/05/2016	13:38	-----	0.0	0.0
264	07/05/2016	13:39	-----	0.0	0.0
265	07/05/2016	13:40	-----	0.0	0.0
266	07/05/2016	13:41	-----	0.0	0.0
267	07/05/2016	13:42	-----	0.0	0.0
268	07/05/2016	13:43	-----	0.0	0.0
269	07/05/2016	13:44	-----	0.0	0.0
270	07/05/2016	13:45	-----	0.0	0.0
271	07/05/2016	13:46	-----	0.0	0.0
272	07/05/2016	13:47	-----	0.0	0.0
273	07/05/2016	13:48	-----	0.0	0.0
274	07/05/2016	13:49	-----	0.0	0.0
275	07/05/2016	13:50	-----	0.0	0.0
276	07/05/2016	13:51	-----	0.0	0.0
277	07/05/2016	13:52	-----	0.0	0.0
278	07/05/2016	13:53	-----	0.0	0.0
279	07/05/2016	13:54	-----	0.0	0.0
280	07/05/2016	13:55	-----	0.0	0.0
281	07/05/2016	13:56	-----	0.0	0.0
282	07/05/2016	13:57	-----	0.0	0.0
283	07/05/2016	13:58	-----	0.0	0.0
284	07/05/2016	13:59	-----	0.0	0.0
285	07/05/2016	14:00	-----	0.0	0.0
286	07/05/2016	14:01	-----	0.0	0.0
287	07/05/2016	14:02	-----	0.0	0.0
288	07/05/2016	14:03	-----	0.0	0.0
289	07/05/2016	14:04	-----	0.0	0.0
290	07/05/2016	14:05	-----	0.0	0.0
291	07/05/2016	14:06	-----	0.0	0.0
292	07/05/2016	14:07	-----	0.0	0.0
293	07/05/2016	14:08	-----	0.0	0.0
294	07/05/2016	14:09	-----	0.0	0.0
295	07/05/2016	14:10	-----	0.0	0.0
296	07/05/2016	14:11	-----	0.0	0.0
297	07/05/2016	14:12	-----	0.0	0.0
298	07/05/2016	14:13	-----	0.0	0.0
299	07/05/2016	14:14	-----	0.0	0.0
300	07/05/2016	14:15	-----	0.0	0.0
301	07/05/2016	14:16	-----	0.0	0.0
302	07/05/2016	14:17	-----	0.0	0.0
303	07/05/2016	14:18	-----	0.0	0.0
304	07/05/2016	14:19	-----	0.0	0.0
305	07/05/2016	14:20	-----	0.0	0.0
306	07/05/2016	14:21	-----	0.0	0.0
307	07/05/2016	14:22	-----	0.0	0.0
308	07/05/2016	14:23	-----	0.0	0.0
309	07/05/2016	14:24	-----	0.0	0.0
310	07/05/2016	14:25	-----	0.0	0.0
311	07/05/2016	14:26	-----	0.0	0.0
312	07/05/2016	14:27	-----	0.0	0.0
313	07/05/2016	14:28	-----	0.0	0.0
314	07/05/2016	14:29	-----	0.0	0.0
315	07/05/2016	14:30	-----	0.0	0.0
316	07/05/2016	14:31	-----	0.0	0.0
317	07/05/2016	14:32	-----	0.0	0.0
318	07/05/2016	14:33	-----	0.0	0.0
319	07/05/2016	14:34	-----	0.0	0.0
320	07/05/2016	14:35	-----	0.0	0.0
321	07/05/2016	14:36	-----	0.0	0.0
322	07/05/2016	14:37	-----	0.0	0.0
323	07/05/2016	14:38	-----	0.0	0.0
324	07/05/2016	14:39	-----	0.0	0.0
325	07/05/2016	14:40	-----	0.0	0.0
326	07/05/2016	14:41	-----	0.0	0.0
327	07/05/2016	14:42	-----	0.0	0.0
328	07/05/2016	14:43	-----	0.0	0.0
329	07/05/2016	14:44	-----	0.0	0.0

330	07/05/2016	14:45	-----	0.0	0.0
331	07/05/2016	14:46	-----	0.0	0.0
332	07/05/2016	14:47	-----	0.0	0.0
333	07/05/2016	14:48	-----	0.0	0.0
334	07/05/2016	14:49	-----	0.0	0.0
335	07/05/2016	14:50	-----	0.0	0.0
336	07/05/2016	14:51	-----	0.0	0.0
337	07/05/2016	14:52	-----	0.0	0.0
338	07/05/2016	14:53	-----	0.0	0.0
339	07/05/2016	14:54	-----	0.0	0.0
340	07/05/2016	14:55	-----	0.0	0.0
341	07/05/2016	14:56	-----	0.0	0.0
342	07/05/2016	14:57	-----	0.0	0.0
343	07/05/2016	14:58	-----	0.0	0.0
344	07/05/2016	14:59	-----	0.0	0.0
345	07/05/2016	15:00	-----	0.0	0.0
346	07/05/2016	15:01	-----	0.0	0.0
347	07/05/2016	15:02	-----	0.0	0.0
348	07/05/2016	15:03	-----	0.0	0.0
349	07/05/2016	15:04	-----	0.0	0.0
350	07/05/2016	15:05	-----	0.0	0.0
351	07/05/2016	15:06	-----	0.0	0.0

CONTRACTOR: Aqua systems of WNY	JOB NO.: 0249-06-015
CLIENT: South Buffalo charter school	DATE: 7/12/16

LOCATION: 154 South Ogden Ave. Site	DAY: Su M Tu W Th F Sa
WEATHER: Partly Cloudy	TEMP: mid 80's °F
START: 0900	END:

WORK PERFORMED:

0900 met w/ Jim (Aqua systems) he went over the scope of work, went over Environmental site conditions

1010 Aqua Systems, main sight site crew on site went over Environmental site conditions

1130 left site

1330 - Back onsite, Aqua test is continuing to install

1430 main line

1645 - Back onsite Aqua test is installed main line along south property line, spoke w/ mike (AT) bt him know I need to check on property line

TEST PERFORMED:	QA PERSONNEL:
	SIGNATURE: TIA B

COMMUNITY AIR MONITORING DAILY LOG

Date: 7/12/16
 Project: Sprinkler Instal
 Job No.: 0249-016-015
 Client: South Buffalo Charter School

WEATHER CONDITIONS:

Time of Day:	<u>0900</u> A.M.	<u>1645</u> P.M.
Ambient Air Temp.:	<u>low 80's</u>	<u>upper 80's</u>
Wind Direction:	<u>SW</u>	<u>SW</u>
Wind Speed:	<u>10-15</u>	<u>10-15</u>
Precipitation:	<u>NONE</u>	<u>NONE</u>

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

DESCRIPTION OF SITE ACTIVITIES: Installation of Sprinklers

PARTICULATE MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 100 ug/m3 ¹			<u>NONE</u>		
Exceedence of 150 ug/m3 ¹			<u>NONE</u>		
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			<u>NONE</u>		Temporarily halt Work and continue monitoring
Reading of 5 to 25 ppm ¹			<u>NONE</u>		Temporarily halt Work, abate emissions with corrective actions and continue monitoring ³
Exceedence of 25 ppm ²			<u>NONE</u>		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: DAB Date: 7/12/16
 Checked By: _____ Date: _____

7/12/16

MATCH TO DRAWING CU'08

MATCH TO DRAWING CU'08

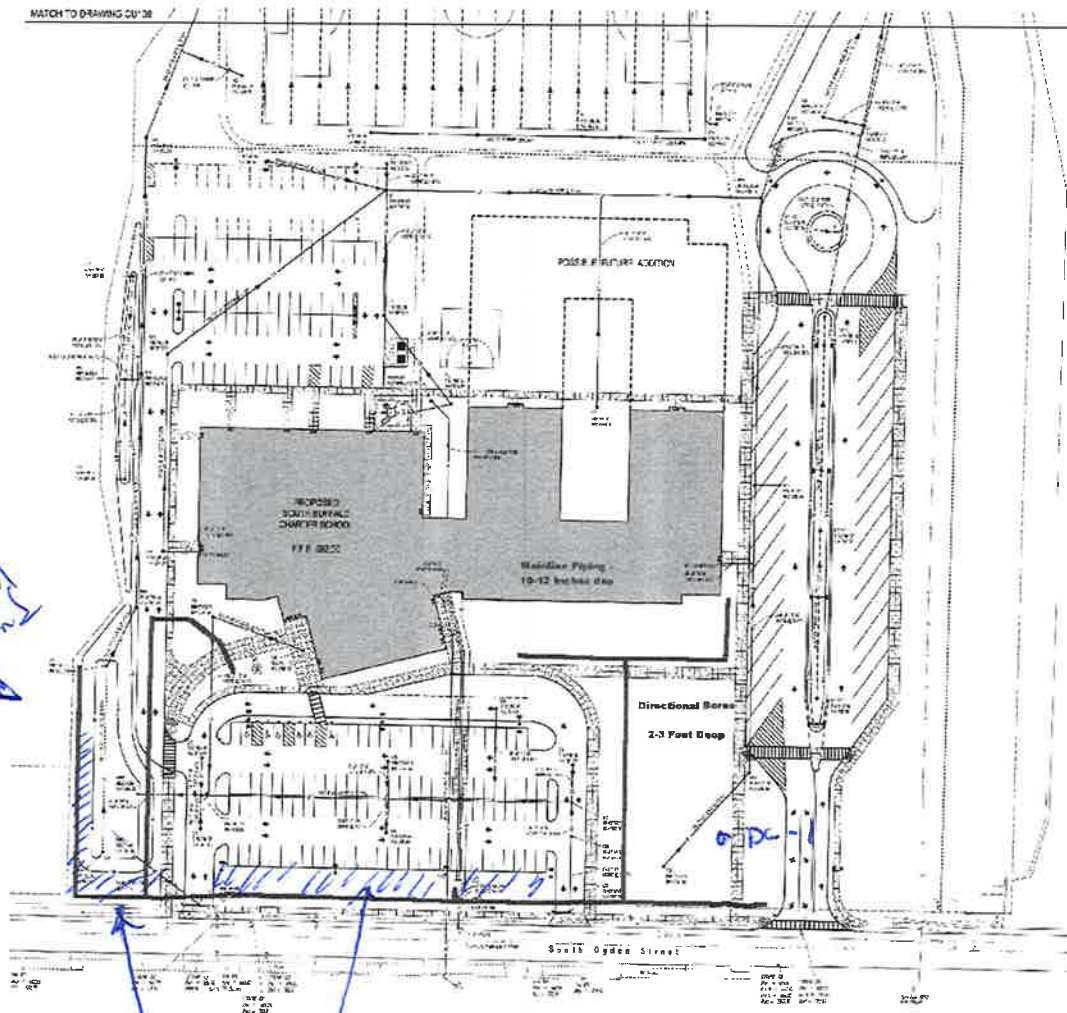


SOUTH BUFFALO CHARTER SCHOOL
SOUTH LOGAN STREET AND SANDUSKY STREETS ROAD
STREET AND/OR ARCHITECTURE PROJECT 1125

AM - PM wind

AM - PM wind

work Am



- GENERAL NOTES**
1. SEE GENERAL NOTES ON DRAWING CU'08 FOR GENERAL NOTES.
 2. SEE GENERAL NOTES ON DRAWING CU'08 FOR GENERAL NOTES.
 3. SEE GENERAL NOTES ON DRAWING CU'08 FOR GENERAL NOTES.
 4. SEE GENERAL NOTES ON DRAWING CU'08 FOR GENERAL NOTES.
 5. SEE GENERAL NOTES ON DRAWING CU'08 FOR GENERAL NOTES.
- NOTES**
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 4. SEE GENERAL NOTES ON DRAWING CU'08 FOR GENERAL NOTES.
 5. SEE GENERAL NOTES ON DRAWING CU'08 FOR GENERAL NOTES.

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMITS	7/12/16
2	ISSUED FOR PERMITS	7/12/16
3	ISSUED FOR PERMITS	7/12/16
4	ISSUED FOR PERMITS	7/12/16
5	ISSUED FOR PERMITS	7/12/16

SCALE

AS SHOWN

1" = 10'-0"



UTILITY PLAN
EAST
CU107



Timestamp (GMT-4)	Batt. Voltage (V)	Current (mA)	Low (ppm)	Peak (ppm)	STEL (ppm)	TWA (ppm)	VOC (ppm)	VOC (Avg15) (ppm)	Mass Conc. Total (mg/m³)	Memory (%)	Sensor Batt. (%)	TWA (mg/m³)	Mass Conc. Total (Avg15) (mg/m³)	Latitude	Longitude
7/12/2016 10:46	12.27	98.97	0	0.093	0.051	0.001	0.065	0.0558	0.024	41	96	0.001	0.0234	42.8638	-78.8025
7/12/2016 10:45	12.29	66.41	0	0.093	0.048	0.001	0.062	0.0527	0.023	41	96	0.001	0.0234	42.8638	-78.8024
7/12/2016 10:44	12.26	110.98	0	0.093	0.044	0.001	0.066	0.0491	0.023	41	96	0.001	0.0234	42.8638	-78.8024
7/12/2016 10:43	12.29	72.61	0	0.093	0.04	0.001	0.063	0.0447	0.022	41	96	0.001	0.0234	42.8638	-78.8024
7/12/2016 10:42	12.28	74.42	0	0.093	0.035	0.001	0.076	0.0405	0.024	41	96	0.001	0.0235	42.8638	-78.8025
7/12/2016 10:41	12.28	98.71	0	0.09	0.031	0	0.069	0.0355	0.025	41	96	0.001	0.0235	42.8638	-78.8024
7/12/2016 10:40	12.28	72.87	0	0.09	0.026	0	0.064	0.0309		41	96			42.8638	-78.8025
7/12/2016 10:39	12.28	71.96	0	0.09	0.023	0	0.054	0.0266	0.022	41	96	0.001	0.0234	42.8638	-78.8024
7/12/2016 10:38	12.28	67.96	0	0.09	0.019	0	0.061	0.023	0.022	41	96	0.001	0.0235	42.8638	-78.8024
7/12/2016 10:37	12.29	70.16	0	0.09	0.015	0	0.059	0.0189	0.023	41	96	0.001	0.0235	42.8638	-78.8025
7/12/2016 10:36	12.28	68.22	0	0.09	0.012	0	0.049	0.015	0.025	41	96	0.001	0.0234	42.8638	-78.8025
7/12/2016 10:35	12.29	75.84	0	0.051	0.008	0	0.049	0.0117	0.025	41	96	0.001	0.0232	42.8638	-78.8025
7/12/2016 10:34	12.29	67.83	0	0.041	0.006	0	0.041	0.0085	0.022	41	96	0	0.0239	42.8638	-78.8025
7/12/2016 10:33	12.28	77.26	0	0.033	0.003	0	0.031	0.0057	0.024	41	96	0	0.0224	42.8638	-78.8024
7/12/2016 10:32	12.28	87.98	0	0.03	0.002	0	0.028	0.0037	0.023	41	96	0	0.0208	42.8638	-78.8025
7/12/2016 10:31	12.29	68.86	0	0.021	0	0	0.018	0.0018	0.025	41	96	0	0.0193	42.8638	-78.8025
7/12/2016 10:30	12.28	88.11	0	0.013	0	0	0.009	0.0006	0.023	41	96	0	0.0176	42.8638	-78.8025
7/12/2016 10:29	12.3	73.9	0	0	0	0	0	0	0.022	41	96	0	0.0161	42.8638	-78.8025
7/12/2016 10:28	12.28	75.06	0	0	0	0	0	0	0.024	41	96	0	0.0156	42.8638	-78.8025
7/12/2016 10:27	12.29	71.58	0	0	0	0	0	0	0.024	41	96	0	0.015	42.8638	-78.8025
7/12/2016 10:26	12.28	94.44	0	0	0	0	0	0	0.022	41	96	0	0.0143	42.8638	-78.8024
7/12/2016 10:25	12.29	67.83	0	0	0	0	0	0	0.025	41	96	0	0.0135	42.8638	-78.8025
7/12/2016 10:24	12.29	66.02	0	0	0	0	0	0	0.023	41	96	0	0.0124	42.8639	-78.8025
7/12/2016 10:23	12.29	64.08	0	0	0	0	0	0	0.022	41	96	0	0.0112	42.8638	-78.8025
7/12/2016 10:22	12.29	74.29	0	0	0	0	0	0	0.022	41	96	0	0.0099	42.8638	-78.8025
7/12/2016 10:21	12.29	70.93	0	0	0	0	0	0	0.022	41	96	0	0.0081	42.8638	-78.8025
7/12/2016 10:20	12.29	70.67	0	0	0	0	0	0	0.035	41	96	0	0.0058	42.864	-78.8025
7/12/2016 10:19	12.32	73.64	0	0	0	0	0	0	0	41	96	0	0	42.8638	-78.8024
7/12/2016 10:18	12.31	82.82	0	0	0	0	0	0	0	41	96	0	0	42.8635	-78.8026
7/12/2016 10:17	12.32	107.88	0	0	0	0	0	0	0	41	96	0	0	42.8634	-78.8026
7/12/2016 10:16	12.32	90.18	0	0	0	0	0	0	0	41	96	0	0	42.8634	-78.8027
7/12/2016 10:15	12.28	95.35	0	0	0	0	0	0	0	41	96	0	0	42.8634	-78.8027

CONTRACTOR: <i>Aqua Test</i>	JOB NO.: <i>0249-016-249</i>
CLIENT: <i>154 South Buffalo</i>	DATE: <i>7/13/16</i>

LOCATION: <i>154 South Ogden Ave. Site</i>	DAY: Su M Tu W Th F Sa
WEATHER: <i>Sunny</i>	TEMP: <i>80's</i> °F
START: <i>0900</i>	END: <i>1700</i>

WORK PERFORMED:

0900 on site Aqua test. Is laying out 1" supply lines. laid out property points along southern Retention pond. Main line runs with in ~ 3 to 4' of it. Sprinkler leads to the south would be off the property. Met Bill (owner) know that some work would be handled off site and that any soil generated can't come back on site. Bill wants aqua test to adjust these lines. Mike will be route main line south of Retention pond bringing it in 25.0'. Also installing sprinkler leads ~ 0.845

1030 left site

1230 - Back on site laid out on property corners for Aqua test crew. let Bill know I did not that they were just approximate.

1330 left site

1700 Back on site Took down meters.

TEST PERFORMED:	QA PERSONNEL:
	SIGNATURE:

COMMUNITY AIR MONITORING DAILY LOG

Date: 7/13/16
 Project: sprinkler Test
 Job No.: 024-016-065
 Client: 151 South Ogden St

WEATHER CONDITIONS:

Time of Day:	<u>800</u> A.M.	<u>1645</u> P.M.
Ambient Air Temp.:	<u>Upper 70's</u>	<u>Upper 80's</u>
Wind Direction:	<u>SW</u>	<u>SW</u>
Wind Speed:	<u>5-10</u>	<u>5-10</u>
Precipitation:	<u>NONE</u>	<u>NONE</u>

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

DESCRIPTION OF SITE ACTIVITIES: sprinkler Test

PARTICULATE MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 100 ug/m3 ¹			<u>NONE</u>		
Exceedence of 150 ug/m3 ¹			<u>NONE</u>		
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			<u>NONE</u>		Temporarily halt Work and continue monitoring
Reading of 5 to 25 ppm ¹			<u>NONE</u>		Temporarily halt Work, abate emissions with corrective actions and continue monitoring ³
Exceedence of 25 ppm ²			<u>NONE</u>		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.

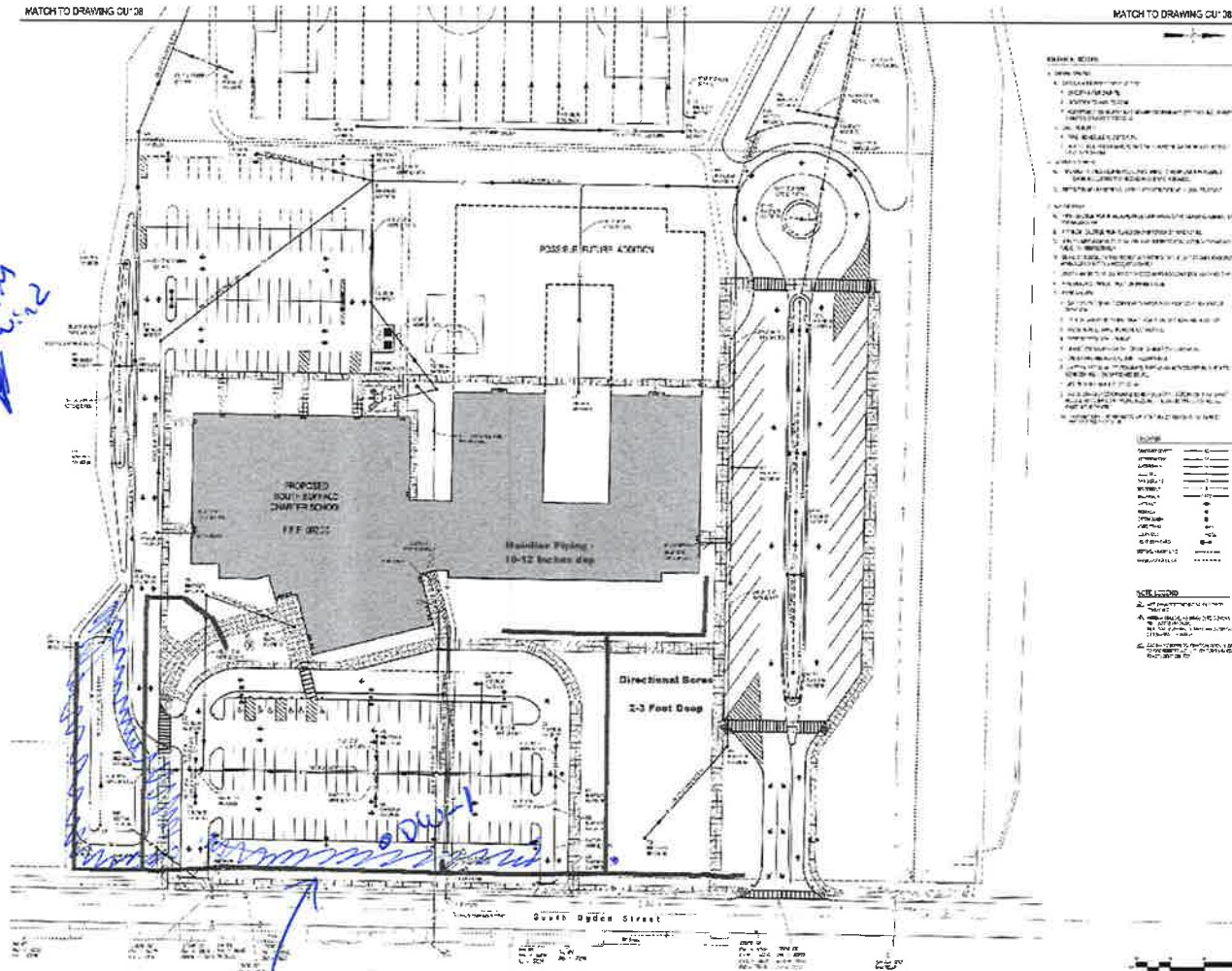
Prepared By: TAB Date: 7/13/16
 Checked By: _____ Date: _____

7/13/16

MATCH TO DRAWING CU'08

MATCH TO DRAWING CU'08

AM
FPM
W/2



- EXISTING UTILITIES**
1. WATER MAIN
 2. SEWER MAIN
 3. GAS MAIN
 4. TELEPHONE
 5. CABLE TV
 6. FIBER OPTIC
 7. RAILROAD
 8. HIGHWAY
 9. AIRPORT
 10. CANAL
 11. DRAINAGE
 12. OTHER

Symbol	Description
(Symbol)	Water Main
(Symbol)	Sewer Main
(Symbol)	Gas Main
(Symbol)	Telephone
(Symbol)	Cable TV
(Symbol)	Fiber Optic
(Symbol)	Railroad
(Symbol)	Highway
(Symbol)	Airport
(Symbol)	Canal
(Symbol)	Drainage
(Symbol)	Other

NOTES

1. ALL UTILITIES TO BE DELETED OR RELOCATED AS SHOWN ON THIS PLAN.
2. ALL UTILITIES TO BE INSTALLED AS SHOWN ON THIS PLAN.
3. ALL UTILITIES TO BE INSTALLED AT THE DEPTH INDICATED ON THIS PLAN.
4. ALL UTILITIES TO BE INSTALLED IN ACCORDANCE WITH THE CITY OF BUFFALO SPECIFICATIONS.
5. ALL UTILITIES TO BE INSTALLED IN ACCORDANCE WITH THE STATE OF UTAH SPECIFICATIONS.
6. ALL UTILITIES TO BE INSTALLED IN ACCORDANCE WITH THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) SPECIFICATIONS.
7. ALL UTILITIES TO BE INSTALLED IN ACCORDANCE WITH THE INTERNATIONAL ASSOCIATION OF ELECTRICAL ENGINEERS (IAEE) SPECIFICATIONS.
8. ALL UTILITIES TO BE INSTALLED IN ACCORDANCE WITH THE INTERNATIONAL ASSOCIATION OF PLUMBERS AND PIPEFITTERS (IAPF) SPECIFICATIONS.
9. ALL UTILITIES TO BE INSTALLED IN ACCORDANCE WITH THE INTERNATIONAL ASSOCIATION OF GAS ENGINEERS (IAGE) SPECIFICATIONS.
10. ALL UTILITIES TO BE INSTALLED IN ACCORDANCE WITH THE INTERNATIONAL ASSOCIATION OF TELEPHONE ENGINEERS (IATE) SPECIFICATIONS.
11. ALL UTILITIES TO BE INSTALLED IN ACCORDANCE WITH THE INTERNATIONAL ASSOCIATION OF CABLE TELEVISION ENGINEERS (IACE) SPECIFICATIONS.
12. ALL UTILITIES TO BE INSTALLED IN ACCORDANCE WITH THE INTERNATIONAL ASSOCIATION OF FIBER OPTIC ENGINEERS (IAFO) SPECIFICATIONS.
13. ALL UTILITIES TO BE INSTALLED IN ACCORDANCE WITH THE INTERNATIONAL ASSOCIATION OF RAILROAD ENGINEERS (IARE) SPECIFICATIONS.
14. ALL UTILITIES TO BE INSTALLED IN ACCORDANCE WITH THE INTERNATIONAL ASSOCIATION OF HIGHWAY ENGINEERS (IAHE) SPECIFICATIONS.
15. ALL UTILITIES TO BE INSTALLED IN ACCORDANCE WITH THE INTERNATIONAL ASSOCIATION OF AIRPORT ENGINEERS (IAAE) SPECIFICATIONS.
16. ALL UTILITIES TO BE INSTALLED IN ACCORDANCE WITH THE INTERNATIONAL ASSOCIATION OF CANAL ENGINEERS (IACE) SPECIFICATIONS.
17. ALL UTILITIES TO BE INSTALLED IN ACCORDANCE WITH THE INTERNATIONAL ASSOCIATION OF DRAINAGE ENGINEERS (IADE) SPECIFICATIONS.
18. ALL UTILITIES TO BE INSTALLED IN ACCORDANCE WITH THE INTERNATIONAL ASSOCIATION OF OTHER ENGINEERS (IAOE) SPECIFICATIONS.



SOUTH BUFFALO CHARTER SCHOOL
 SOUTH OGDEN STREET AND HAYWARD STREET ROAD
 SITE/CIVIL UNDER ARCHITECTURE PROJECT 11.25

UTILITY PLAN
 EAST
 CU107

Test 001

Instrument		Data Properties	
Model	SidePak Aerosol Monitor	Start Date	07/13/2016
Meter S/N	11106036	Start Time	09:27:09
		Stop Date	07/13/2016
		Stop Time	16:57:09
		Total Time	0:07:30:00
		Logging Interval	900 seconds

Statistics	
	Aerosol
Avg	0.027 mg/m ³
Max	0.032 mg/m ³
Max Date	07/13/2016
Max Time	13:57:09
Min	0.025 mg/m ³
Min Date	07/13/2016
Min Time	16:12:09
TWA (8 hr)	0.026
TWA Start Date	07/13/2016
TWA Start Time	09:27:09
TWA End Time	16:57:09

Test Data			
Data Point	Date	Time	Aerosol mg/m ³
1	07/13/2016	09:42:09	0.030
2	07/13/2016	09:57:09	0.027
3	07/13/2016	10:12:09	0.028
4	07/13/2016	10:27:09	0.029
5	07/13/2016	10:42:09	0.027
6	07/13/2016	10:57:09	0.027
7	07/13/2016	11:12:09	0.027
8	07/13/2016	11:27:09	0.026
9	07/13/2016	11:42:09	0.027
10	07/13/2016	11:57:09	0.027
11	07/13/2016	12:12:09	0.027
12	07/13/2016	12:27:09	0.028
13	07/13/2016	12:42:09	0.027
14	07/13/2016	12:57:09	0.027
15	07/13/2016	13:12:09	0.028
16	07/13/2016	13:27:09	0.029
17	07/13/2016	13:42:09	0.030
18	07/13/2016	13:57:09	0.032
19	07/13/2016	14:12:09	0.028
20	07/13/2016	14:27:09	0.028
21	07/13/2016	14:42:09	0.026

Test Data			
Data Point	Date	Time	Aerosol mg/m³
22	07/13/2016	14:57:09	0.027
23	07/13/2016	15:12:09	0.026
24	07/13/2016	15:27:09	0.026
25	07/13/2016	15:42:09	0.027
26	07/13/2016	15:57:09	0.027
27	07/13/2016	16:12:09	0.025
28	07/13/2016	16:27:09	0.025
29	07/13/2016	16:42:09	0.025
30	07/13/2016	16:57:09	0.025

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 006938
User ID: PID 1 Site ID: PID 1700
Data Points: 465 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 07/01/2016 14:12
Start At: 07/13/2016 09:03 End At: 07/13/2016 16:47

```
=====
```

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels:	100.0	100.0	100.0
Low Alarm Levels:	50.0	50.0	50.0
STEL Alarm Levels:	25.0	25.0	25.0
TWA Alarm Levels:	5.0	5.0	5.0

```
=====
```

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
Peak Data Value:	-----	0.1	0.1
Min Data Value:	-----	0.0	0.0
TWA Data Value:	-----	0.0	0.0
AVG Data Value:	-----	0.0	0.0

```
=====
```

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 006938
 User ID: PID 1 Site ID: PID 1700
 Data Points: 465 Gas Name: Isobutylene Sample Period: 60 sec
 Last Calibration Time: 07/01/2016 14:12

```

=====
Measurement Type:           Min(ppm)           Avg(ppm)           Max(ppm)
High Alarm Levels:         100.0           100.0             100.0
Low Alarm Levels:          50.0            50.0              50.0
=====

```

```

=====
Line#      Date   Time           Min(ppm)           Avg(ppm)           Max(ppm)
=====
  1  07/13/2016 09:03           -----           0.1                0.1
  2  07/13/2016 09:04           -----           0.1                0.1
  3  07/13/2016 09:05           -----           0.1                0.1
  4  07/13/2016 09:06           -----           0.1                0.1
  5  07/13/2016 09:07           -----           0.0                0.1
  6  07/13/2016 09:08           -----           0.0                0.1
  7  07/13/2016 09:09           -----           0.0                0.0
  8  07/13/2016 09:10           -----           0.0                0.0
  9  07/13/2016 09:11           -----           0.0                0.0
 10  07/13/2016 09:12           -----           0.0                0.0
 11  07/13/2016 09:13           -----           0.0                0.0
 12  07/13/2016 09:14           -----           0.0                0.0
 13  07/13/2016 09:15           -----           0.0                0.0
 14  07/13/2016 09:16           -----           0.0                0.0
 15  07/13/2016 09:17           -----           0.0                0.0
 16  07/13/2016 09:18           -----           0.0                0.0
 17  07/13/2016 09:19           -----           0.0                0.0
 18  07/13/2016 09:20           -----           0.0                0.0
 19  07/13/2016 09:21           -----           0.0                0.0
 20  07/13/2016 09:22           -----           0.0                0.0
 21  07/13/2016 09:23           -----           0.0                0.0
 22  07/13/2016 09:24           -----           0.0                0.0
 23  07/13/2016 09:25           -----           0.0                0.0
 24  07/13/2016 09:26           -----           0.0                0.0
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378	07/13/2016	15:20	-----	0.0	0.0
379	07/13/2016	15:21	-----	0.0	0.0
380	07/13/2016	15:22	-----	0.0	0.0
381	07/13/2016	15:23	-----	0.0	0.0
382	07/13/2016	15:24	-----	0.0	0.0
383	07/13/2016	15:25	-----	0.0	0.0
384	07/13/2016	15:26	-----	0.0	0.0
385	07/13/2016	15:27	-----	0.0	0.0
386	07/13/2016	15:28	-----	0.0	0.0
387	07/13/2016	15:29	-----	0.0	0.0
388	07/13/2016	15:30	-----	0.0	0.0
389	07/13/2016	15:31	-----	0.0	0.0
390	07/13/2016	15:32	-----	0.0	0.0
391	07/13/2016	15:33	-----	0.0	0.0
392	07/13/2016	15:34	-----	0.0	0.0
393	07/13/2016	15:35	-----	0.0	0.0
394	07/13/2016	15:36	-----	0.0	0.0
395	07/13/2016	15:37	-----	0.0	0.0
396	07/13/2016	15:38	-----	0.0	0.0
397	07/13/2016	15:39	-----	0.0	0.0

398	07/13/2016	15:40	-----	0.0	0.0
399	07/13/2016	15:41	-----	0.0	0.0
400	07/13/2016	15:42	-----	0.0	0.0
401	07/13/2016	15:43	-----	0.0	0.0
402	07/13/2016	15:44	-----	0.0	0.0
403	07/13/2016	15:45	-----	0.0	0.0
404	07/13/2016	15:46	-----	0.0	0.0
405	07/13/2016	15:47	-----	0.0	0.0
406	07/13/2016	15:48	-----	0.0	0.0
407	07/13/2016	15:49	-----	0.0	0.0
408	07/13/2016	15:50	-----	0.0	0.0
409	07/13/2016	15:51	-----	0.0	0.0
410	07/13/2016	15:52	-----	0.0	0.0
411	07/13/2016	15:53	-----	0.0	0.0
412	07/13/2016	15:54	-----	0.0	0.0
413	07/13/2016	15:55	-----	0.0	0.0
414	07/13/2016	15:56	-----	0.0	0.0
415	07/13/2016	15:57	-----	0.0	0.0
416	07/13/2016	15:58	-----	0.0	0.0
417	07/13/2016	15:59	-----	0.0	0.0
418	07/13/2016	16:00	-----	0.0	0.0
419	07/13/2016	16:01	-----	0.0	0.0
420	07/13/2016	16:02	-----	0.0	0.0
421	07/13/2016	16:03	-----	0.0	0.0
422	07/13/2016	16:04	-----	0.0	0.0
423	07/13/2016	16:05	-----	0.0	0.0
424	07/13/2016	16:06	-----	0.0	0.0
425	07/13/2016	16:07	-----	0.0	0.0
426	07/13/2016	16:08	-----	0.0	0.0
427	07/13/2016	16:09	-----	0.0	0.0
428	07/13/2016	16:10	-----	0.0	0.0
429	07/13/2016	16:11	-----	0.0	0.0
430	07/13/2016	16:12	-----	0.0	0.0
431	07/13/2016	16:13	-----	0.0	0.0
432	07/13/2016	16:14	-----	0.0	0.0
433	07/13/2016	16:15	-----	0.0	0.0
434	07/13/2016	16:16	-----	0.0	0.0
435	07/13/2016	16:17	-----	0.0	0.0
436	07/13/2016	16:18	-----	0.0	0.0
437	07/13/2016	16:19	-----	0.0	0.0
438	07/13/2016	16:20	-----	0.0	0.0
439	07/13/2016	16:21	-----	0.0	0.0
440	07/13/2016	16:22	-----	0.0	0.0
441	07/13/2016	16:23	-----	0.0	0.0
442	07/13/2016	16:24	-----	0.0	0.0
443	07/13/2016	16:25	-----	0.0	0.0
444	07/13/2016	16:26	-----	0.0	0.0
445	07/13/2016	16:27	-----	0.0	0.0
446	07/13/2016	16:28	-----	0.0	0.0
447	07/13/2016	16:29	-----	0.0	0.0
448	07/13/2016	16:30	-----	0.0	0.0
449	07/13/2016	16:31	-----	0.0	0.0
450	07/13/2016	16:32	-----	0.0	0.0
451	07/13/2016	16:33	-----	0.0	0.0
452	07/13/2016	16:34	-----	0.0	0.0
453	07/13/2016	16:35	-----	0.0	0.0
454	07/13/2016	16:36	-----	0.0	0.0
455	07/13/2016	16:37	-----	0.0	0.0
456	07/13/2016	16:38	-----	0.0	0.0
457	07/13/2016	16:39	-----	0.0	0.0
458	07/13/2016	16:40	-----	0.0	0.0
459	07/13/2016	16:41	-----	0.0	0.0
460	07/13/2016	16:42	-----	0.0	0.0
461	07/13/2016	16:43	-----	0.0	0.0
462	07/13/2016	16:44	-----	0.0	0.0
463	07/13/2016	16:45	-----	0.0	0.0
464	07/13/2016	16:46	-----	0.0	0.0
465	07/13/2016	16:47	-----	0.0	0.0

Instrument: MiniRAE 2000 (PGM7600)

Serial Number: 006938

User ID: PID 1

Site ID: PID 1700

Data Points: 465

Gas Name: Isobutylene

Sample Period: 60 sec

Last Calibration Time: 07/01/2016 14:12

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Measurement Type:
Alarm Type:          STEL      Min(ppm)      Avg(ppm)      Max(ppm)
                    STEL      TWA      AVG      STEL      TWA      AVG      STEL      TWA      AVG
Alarm Levels:       25.0      5.0      5.0      25.0      5.0      5.0      25.0      5.0      5.0
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Line#	Date	Time	Min(ppm)			Avg(ppm)			Max(ppm)		
			STEL	TWA	AVG	STEL	TWA	AVG	STEL	TWA	AVG
1	07/13/2016	09:03	-----	-----	-----	0.0	0.0	0.1	0.0	0.0	0.1
2	07/13/2016	09:04	-----	-----	-----	0.0	0.0	0.1	0.0	0.0	0.1
3	07/13/2016	09:05	-----	-----	-----	0.0	0.0	0.1	0.0	0.0	0.1
4	07/13/2016	09:06	-----	-----	-----	0.0	0.0	0.1	0.0	0.0	0.1
5	07/13/2016	09:07	-----	-----	-----	0.0	0.0	0.1	0.0	0.0	0.1
6	07/13/2016	09:08	-----	-----	-----	0.0	0.0	0.1	0.0	0.0	0.1
7	07/13/2016	09:09	-----	-----	-----	0.0	0.0	0.1	0.0	0.0	0.1
8	07/13/2016	09:10	-----	-----	-----	0.0	0.0	0.1	0.0	0.0	0.1
9	07/13/2016	09:11	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.1
10	07/13/2016	09:12	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.1
11	07/13/2016	09:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.1
12	07/13/2016	09:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.1
13	07/13/2016	09:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
14	07/13/2016	09:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
15	07/13/2016	09:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
16	07/13/2016	09:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
17	07/13/2016	09:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
18	07/13/2016	09:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
19	07/13/2016	09:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
20	07/13/2016	09:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
21	07/13/2016	09:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
22	07/13/2016	09:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
23	07/13/2016	09:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
24	07/13/2016	09:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
25	07/13/2016	09:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
26	07/13/2016	09:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
27	07/13/2016	09:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
28	07/13/2016	09:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
29	07/13/2016	09:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
30	07/13/2016	09:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
31	07/13/2016	09:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
32	07/13/2016	09:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
33	07/13/2016	09:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
34	07/13/2016	09:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
35	07/13/2016	09:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
36	07/13/2016	09:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
37	07/13/2016	09:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
38	07/13/2016	09:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
39	07/13/2016	09:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
40	07/13/2016	09:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
41	07/13/2016	09:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
42	07/13/2016	09:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
43	07/13/2016	09:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
44	07/13/2016	09:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
45	07/13/2016	09:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
46	07/13/2016	09:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
47	07/13/2016	09:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
48	07/13/2016	09:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
49	07/13/2016	09:51	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
50	07/13/2016	09:52	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
51	07/13/2016	09:53	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
52	07/13/2016	09:54	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
53	07/13/2016	09:55	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
54	07/13/2016	09:56	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
55	07/13/2016	09:57	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

464	07/13/2016	16:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
465	07/13/2016	16:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

INSPECTOR'S DAILY REPORT

Page of

CONTRACTOR: <i>Aqua Test</i>	JOB NO.: <i>0249-016-015</i>
CLIENT: <i>154 South Ogden</i>	DATE: <i>7/14/16</i>

LOCATION: <i>154 South Ogden Ave. Site</i>	DAY: Su M Tu W Th F Sa
WEATHER: <i>blues east light Rain</i>	TEMP: <i>mid 70s</i> °F
START:	END:

WORK PERFORMED:

0910 on site Aqua test Is installing main line (1 1/2") In NW corner of property ~1' Down Nothing Below Dec-mark, any spoils Generated will be taken to the back of school In approved site soil pile.

0930 set up meters NW corner of site winds, out of SW

1030-1045 Took Down meters Due to Rain 1100 left site

1630 Back on site Aqua test Is installing 1" line SE corner of site

1645 Took Down meters left site

TEST PERFORMED:	QA PERSONNEL:
	SIGNATURE: <i>TAB</i>

COMMUNITY AIR MONITORING DAILY LOG

Date: 7/14/16
 Project: Sprinkler Install
 Job No.: 0249-016-015
 Client: 154 South Ogden

WEATHER CONDITIONS:

Time of Day:	<u>0930</u> A.M.	<u>1700</u> P.M.
Ambient Air Temp.:	<u>low 70s</u>	<u>mid 80</u>
Wind Direction:	<u>SW</u>	<u>SW</u>
Wind Speed:	<u>10-15</u>	<u>10-15</u>
Precipitation:	<u>Light Rain</u>	<u>sunny</u>

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

DESCRIPTION OF SITE ACTIVITIES: sprinkler Install

PARTICULATE MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 100 ug/m3 ¹			<u>NONE</u>		
Exceedence of 150 ug/m3 ¹			<u>NONE</u>		
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			<u>NONE</u>		Temporarily halt Work and continue monitoring
Reading of 5 to 25 ppm ¹			<u>NONE</u>		Temporarily halt Work, abate emissions with corrective actions and continue monitoring ³
Exceedence of 25 ppm ²			<u>NONE</u>		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: TAB Date: 7/14/16
 Checked By: _____ Date: _____

7/14/16

MATCH TO DRAWING 00'18

MATCH TO DRAWING 00'18



- NOTES:**
1. SEE DRAWING 00'18 FOR SITE PLAN AND EXISTING UTILITIES.
 2. SEE DRAWING 00'18 FOR EXISTING UTILITIES.
 3. SEE DRAWING 00'18 FOR EXISTING UTILITIES.
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 60. SEE DRAWING 00'18 FOR EXISTING UTILITIES.

SCALE	
AS SHOWN	1" = 20'
PROPOSED	1" = 20'
EXISTING	1" = 20'
UTILITIES	1" = 20'
ROADS	1" = 20'
RAILROADS	1" = 20'
WATERWAYS	1" = 20'
ADDITIONAL	1" = 20'
UTILITIES	1" = 20'
ROADS	1" = 20'
RAILROADS	1" = 20'
WATERWAYS	1" = 20'
ADDITIONAL	1" = 20'
UTILITIES	1" = 20'
ROADS	1" = 20'
RAILROADS	1" = 20'
WATERWAYS	1" = 20'
ADDITIONAL	1" = 20'

- SITE LEGEND**
- 1. PROPOSED BUILDING FOOTPRINT
 - 2. PROPOSED DRIVEWAY
 - 3. PROPOSED PARKING SPACES
 - 4. PROPOSED WALKWAY
 - 5. PROPOSED SIDEWALK
 - 6. PROPOSED CURB
 - 7. PROPOSED DRIVEWAY
 - 8. PROPOSED PARKING SPACES
 - 9. PROPOSED WALKWAY
 - 10. PROPOSED SIDEWALK
 - 11. PROPOSED CURB
 - 12. PROPOSED DRIVEWAY
 - 13. PROPOSED PARKING SPACES
 - 14. PROPOSED WALKWAY
 - 15. PROPOSED SIDEWALK
 - 16. PROPOSED CURB
 - 17. PROPOSED DRIVEWAY
 - 18. PROPOSED PARKING SPACES
 - 19. PROPOSED WALKWAY
 - 20. PROPOSED SIDEWALK
 - 21. PROPOSED CURB
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 - 38. PROPOSED PARKING SPACES
 - 39. PROPOSED WALKWAY
 - 40. PROPOSED SIDEWALK
 - 41. PROPOSED CURB
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 - 43. PROPOSED PARKING SPACES
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 - 62. PROPOSED DRIVEWAY
 - 63. PROPOSED PARKING SPACES
 - 64. PROPOSED WALKWAY
 - 65. PROPOSED SIDEWALK
 - 66. PROPOSED CURB
 - 67. PROPOSED DRIVEWAY
 - 68. PROPOSED PARKING SPACES
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 - 71. PROPOSED CURB
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 - 91. PROPOSED CURB
 - 92. PROPOSED DRIVEWAY
 - 93. PROPOSED PARKING SPACES
 - 94. PROPOSED WALKWAY
 - 95. PROPOSED SIDEWALK
 - 96. PROPOSED CURB
 - 97. PROPOSED DRIVEWAY
 - 98. PROPOSED PARKING SPACES
 - 99. PROPOSED WALKWAY
 - 100. PROPOSED SIDEWALK
 - 101. PROPOSED CURB



SOUTH BUFFALO CHARTER SCHOOL
 1501 SOUTH BUFFALO AVENUE
 BUFFALO, NY 14203
 716-835-3400
 www.southbuffalo.org

DATE: 7/14/16
 DRAWN BY: [Name]
 CHECKED BY: [Name]

SCALE: 1" = 20'
 NORTH: [Arrow pointing up]

PROJECT: LITTLETON EAST
 SHEET: CU107

Mesa
line
Install

Test 002

Instrument		Data Properties	
Model	SidePak Aerosol Monitor	Start Date	07/14/2016
Meter S/N	11106036	Start Time	09:37:09
		Stop Date	07/14/2016
		Stop Time	10:22:09
		Total Time	0:00:45:00
		Logging Interval	900 seconds

Statistics	
	Aerosol
Avg	0.009 mg/m ³
Max	0.009 mg/m ³
Max Date	07/14/2016
Max Time	09:52:09
Min	0.009 mg/m ³
Min Date	07/14/2016
Min Time	09:52:09
TWA (8 hr)	0.001
TWA Start Date	07/14/2016
TWA Start Time	09:37:09
TWA End Time	10:22:09

Test Data			
Data Point	Date	Time	Aerosol mg/m ³
1	07/14/2016	09:52:09	0.009
2	07/14/2016	10:07:09	0.009
3	07/14/2016	10:22:09	0.009

Test 003

Instrument		Data Properties	
Model	SidePak Aerosol Monitor	Start Date	07/14/2016
Meter S/N	11106036	Start Time	10:47:42
		Stop Date	07/14/2016
		Stop Time	16:47:42
		Total Time	0:06:00:00
		Logging Interval	900 seconds

Statistics	
	Aerosol
Avg	0.009 mg/m ³
Max	0.012 mg/m ³
Max Date	07/14/2016
Max Time	12:47:42
Min	0.008 mg/m ³
Min Date	07/14/2016
Min Time	11:17:42
TWA (8 hr)	0.007
TWA Start Date	07/14/2016
TWA Start Time	10:47:42
TWA End Time	16:47:42

Test Data			
Data Point	Date	Time	Aerosol mg/m ³
1	07/14/2016	11:02:42	0.009
2	07/14/2016	11:17:42	0.008
3	07/14/2016	11:32:42	0.009
4	07/14/2016	11:47:42	0.009
5	07/14/2016	12:02:42	0.010
6	07/14/2016	12:17:42	0.011
7	07/14/2016	12:32:42	0.011
8	07/14/2016	12:47:42	0.012
9	07/14/2016	13:02:42	0.012
10	07/14/2016	13:17:42	0.011
11	07/14/2016	13:32:42	0.011
12	07/14/2016	13:47:42	0.009
13	07/14/2016	14:02:42	0.009
14	07/14/2016	14:17:42	0.009
15	07/14/2016	14:32:42	0.010
16	07/14/2016	14:47:42	0.008
17	07/14/2016	15:02:42	0.008
18	07/14/2016	15:17:42	0.010
19	07/14/2016	15:32:42	0.008
20	07/14/2016	15:47:42	0.009
21	07/14/2016	16:02:42	0.008

Test Data			
Data Point	Date	Time	Aerosol mg/m³
22	07/14/2016	16:17:42	0.008
23	07/14/2016	16:32:42	0.008
24	07/14/2016	16:47:42	0.008

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 006938
User ID: PID 1 Site ID: PID 1702
Data Points: 360 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 07/01/2016 14:12
Start At: 07/14/2016 10:45 End At: 07/14/2016 16:44

```
=====
```

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels:	100.0	100.0	100.0
Low Alarm Levels:	50.0	50.0	50.0
STEL Alarm Levels:	25.0	25.0	25.0
TWA Alarm Levels:	5.0	5.0	5.0

```
=====
```

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
Peak Data Value:	-----	0.0	0.0
Min Data Value:	-----	0.0	0.0
TWA Data Value:	-----	0.0	0.0
AVG Data Value:	-----	0.0	0.0

```
=====
```

Instrument: MiniRAE 2000 (PGM7600)

Serial Number: 006938

User ID: PID 1

Site ID: PID 1701

Data Points: 52

Gas Name: Isobutylene

Sample Period: 60 sec

Last Calibration Time: 07/01/2016 14:12

```

=====
Measurement Type:
Alarm Type:          STEL      TWA      AVG      STEL      TWA      AVG      STEL      TWA      AVG
Alarm Levels:       25.0     5.0     25.0     5.0     25.0     5.0     25.0     5.0
=====

```

Line#	Date	Time	Min(ppm)			Avg(ppm)			Max(ppm)		
			STEL	TWA	AVG	STEL	TWA	AVG	STEL	TWA	AVG
1	07/14/2016	09:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
2	07/14/2016	09:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
3	07/14/2016	09:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
4	07/14/2016	09:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
5	07/14/2016	09:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
6	07/14/2016	09:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
7	07/14/2016	09:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
8	07/14/2016	09:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
9	07/14/2016	09:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
10	07/14/2016	09:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
11	07/14/2016	09:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
12	07/14/2016	09:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
13	07/14/2016	09:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
14	07/14/2016	09:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
15	07/14/2016	09:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
16	07/14/2016	09:51	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
17	07/14/2016	09:52	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
18	07/14/2016	09:53	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
19	07/14/2016	09:54	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
20	07/14/2016	09:55	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
21	07/14/2016	09:56	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
22	07/14/2016	09:57	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
23	07/14/2016	09:58	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
24	07/14/2016	09:59	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
25	07/14/2016	10:00	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
26	07/14/2016	10:01	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
27	07/14/2016	10:02	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
28	07/14/2016	10:03	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
29	07/14/2016	10:04	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
30	07/14/2016	10:05	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
31	07/14/2016	10:06	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
32	07/14/2016	10:07	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
33	07/14/2016	10:08	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
34	07/14/2016	10:09	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
35	07/14/2016	10:10	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
36	07/14/2016	10:11	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
37	07/14/2016	10:12	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
38	07/14/2016	10:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
39	07/14/2016	10:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
40	07/14/2016	10:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
41	07/14/2016	10:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
42	07/14/2016	10:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
43	07/14/2016	10:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
44	07/14/2016	10:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
45	07/14/2016	10:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
46	07/14/2016	10:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
47	07/14/2016	10:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
48	07/14/2016	10:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
49	07/14/2016	10:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
50	07/14/2016	10:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
51	07/14/2016	10:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
52	07/14/2016	10:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

Instrument: MiniRAE 2000 (PGM7600)

Serial Number: 006938

User ID: PID 1

Site ID: PID 1702

Data Points: 360

Gas Name: Isobutylene

Sample Period: 60 sec

Last Calibration Time: 07/01/2016 14:12

```

=====
Measurement Type:
Alarm Type:          STEL      Min(ppm)      Avg(ppm)      Max(ppm)
                    STEL      TWA      AVG      STEL      TWA      AVG      STEL      TWA      AVG
Alarm Levels:       25.0      5.0      5.0      25.0      5.0      5.0      25.0      5.0      5.0
=====

```

Line#	Date	Time	Min(ppm)			Avg(ppm)			Max(ppm)		
			STEL	TWA	AVG	STEL	TWA	AVG	STEL	TWA	AVG
1	07/14/2016	10:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
2	07/14/2016	10:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
3	07/14/2016	10:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
4	07/14/2016	10:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
5	07/14/2016	10:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
6	07/14/2016	10:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
7	07/14/2016	10:51	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
8	07/14/2016	10:52	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
9	07/14/2016	10:53	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
10	07/14/2016	10:54	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
11	07/14/2016	10:55	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
12	07/14/2016	10:56	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
13	07/14/2016	10:57	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
14	07/14/2016	10:58	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
15	07/14/2016	10:59	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
16	07/14/2016	11:00	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
17	07/14/2016	11:01	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
18	07/14/2016	11:02	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
19	07/14/2016	11:03	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
20	07/14/2016	11:04	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
21	07/14/2016	11:05	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
22	07/14/2016	11:06	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
23	07/14/2016	11:07	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
24	07/14/2016	11:08	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
25	07/14/2016	11:09	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
26	07/14/2016	11:10	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
27	07/14/2016	11:11	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
28	07/14/2016	11:12	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
29	07/14/2016	11:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
30	07/14/2016	11:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
31	07/14/2016	11:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
32	07/14/2016	11:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
33	07/14/2016	11:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
34	07/14/2016	11:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
35	07/14/2016	11:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
36	07/14/2016	11:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
37	07/14/2016	11:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
38	07/14/2016	11:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
39	07/14/2016	11:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
40	07/14/2016	11:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
41	07/14/2016	11:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
42	07/14/2016	11:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
43	07/14/2016	11:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
44	07/14/2016	11:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
45	07/14/2016	11:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
46	07/14/2016	11:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
47	07/14/2016	11:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
48	07/14/2016	11:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
49	07/14/2016	11:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
50	07/14/2016	11:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
51	07/14/2016	11:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
52	07/14/2016	11:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
53	07/14/2016	11:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
54	07/14/2016	11:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
55	07/14/2016	11:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

328	07/14/2016	16:12	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
329	07/14/2016	16:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
330	07/14/2016	16:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
331	07/14/2016	16:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
332	07/14/2016	16:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
333	07/14/2016	16:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
334	07/14/2016	16:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
335	07/14/2016	16:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
336	07/14/2016	16:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
337	07/14/2016	16:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
338	07/14/2016	16:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
339	07/14/2016	16:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
340	07/14/2016	16:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
341	07/14/2016	16:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
342	07/14/2016	16:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
343	07/14/2016	16:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
344	07/14/2016	16:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
345	07/14/2016	16:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
346	07/14/2016	16:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
347	07/14/2016	16:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
348	07/14/2016	16:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
349	07/14/2016	16:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
350	07/14/2016	16:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
351	07/14/2016	16:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
352	07/14/2016	16:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
353	07/14/2016	16:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
354	07/14/2016	16:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
355	07/14/2016	16:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
356	07/14/2016	16:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
357	07/14/2016	16:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
358	07/14/2016	16:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
359	07/14/2016	16:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
360	07/14/2016	16:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 006938
User ID: PID 1 Site ID: PID 1701
Data Points: 52 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 07/01/2016 14:12
Start At: 07/14/2016 09:36 End At: 07/14/2016 10:27

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=====
```

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels:	100.0	100.0	100.0
Low Alarm Levels:	50.0	50.0	50.0
STEL Alarm Levels:	25.0	25.0	25.0
TWA Alarm Levels:	5.0	5.0	5.0

```
=====
```

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
Peak Data Value:	-----	0.0	0.0
Min Data Value:	-----	0.0	0.0
TWA Data Value:	-----	0.0	0.0
AVG Data Value:	-----	0.0	0.0

```
=====
```

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 006938
User ID: PID 1 Site ID: PID 1701
Data Points: 52 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 07/01/2016 14:12

```
=====
Measurement Type:           Min(ppm)           Avg(ppm)           Max(ppm)
High Alarm Levels:         100.0         100.0         100.0
Low Alarm Levels:          50.0          50.0          50.0
=====
```

```
=====
Line#    Date  Time           Min(ppm)           Avg(ppm)           Max(ppm)
=====
```

Line#	Date	Time	Min(ppm)	Avg(ppm)	Max(ppm)
1	07/14/2016	09:36	-----	0.0	0.0
2	07/14/2016	09:37	-----	0.0	0.0
3	07/14/2016	09:38	-----	0.0	0.0
4	07/14/2016	09:39	-----	0.0	0.0
5	07/14/2016	09:40	-----	0.0	0.0
6	07/14/2016	09:41	-----	0.0	0.0
7	07/14/2016	09:42	-----	0.0	0.0
8	07/14/2016	09:43	-----	0.0	0.0
9	07/14/2016	09:44	-----	0.0	0.0
10	07/14/2016	09:45	-----	0.0	0.0
11	07/14/2016	09:46	-----	0.0	0.0
12	07/14/2016	09:47	-----	0.0	0.0
13	07/14/2016	09:48	-----	0.0	0.0
14	07/14/2016	09:49	-----	0.0	0.0
15	07/14/2016	09:50	-----	0.0	0.0
16	07/14/2016	09:51	-----	0.0	0.0
17	07/14/2016	09:52	-----	0.0	0.0
18	07/14/2016	09:53	-----	0.0	0.0
19	07/14/2016	09:54	-----	0.0	0.0
20	07/14/2016	09:55	-----	0.0	0.0
21	07/14/2016	09:56	-----	0.0	0.0
22	07/14/2016	09:57	-----	0.0	0.0
23	07/14/2016	09:58	-----	0.0	0.0
24	07/14/2016	09:59	-----	0.0	0.0
25	07/14/2016	10:00	-----	0.0	0.0
26	07/14/2016	10:01	-----	0.0	0.0
27	07/14/2016	10:02	-----	0.0	0.0
28	07/14/2016	10:03	-----	0.0	0.0
29	07/14/2016	10:04	-----	0.0	0.0
30	07/14/2016	10:05	-----	0.0	0.0
31	07/14/2016	10:06	-----	0.0	0.0
32	07/14/2016	10:07	-----	0.0	0.0
33	07/14/2016	10:08	-----	0.0	0.0
34	07/14/2016	10:09	-----	0.0	0.0
35	07/14/2016	10:10	-----	0.0	0.0
36	07/14/2016	10:11	-----	0.0	0.0
37	07/14/2016	10:12	-----	0.0	0.0
38	07/14/2016	10:13	-----	0.0	0.0
39	07/14/2016	10:14	-----	0.0	0.0
40	07/14/2016	10:15	-----	0.0	0.0
41	07/14/2016	10:16	-----	0.0	0.0
42	07/14/2016	10:17	-----	0.0	0.0
43	07/14/2016	10:18	-----	0.0	0.0
44	07/14/2016	10:19	-----	0.0	0.0
45	07/14/2016	10:20	-----	0.0	0.0
46	07/14/2016	10:21	-----	0.0	0.0
47	07/14/2016	10:22	-----	0.0	0.0
48	07/14/2016	10:23	-----	0.0	0.0
49	07/14/2016	10:24	-----	0.0	0.0
50	07/14/2016	10:25	-----	0.0	0.0
51	07/14/2016	10:26	-----	0.0	0.0
52	07/14/2016	10:27	-----	0.0	0.0

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 006938
 User ID: PID 1 Site ID: PID 1702
 Data Points: 360 Gas Name: Isobutylene Sample Period: 60 sec
 Last Calibration Time: 07/01/2016 14:12

```

=====
Measurement Type:          Min(ppm)          Avg(ppm)          Max(ppm)
High Alarm Levels:        100.0          100.0            100.0
Low Alarm Levels:         50.0           50.0             50.0
=====

```

```

=====
Line#      Date   Time           Min(ppm)          Avg(ppm)          Max(ppm)
=====
  1  07/14/2016 10:45           -----            0.0              0.0
  2  07/14/2016 10:46           -----            0.0              0.0
  3  07/14/2016 10:47           -----            0.0              0.0
  4  07/14/2016 10:48           -----            0.0              0.0
  5  07/14/2016 10:49           -----            0.0              0.0
  6  07/14/2016 10:50           -----            0.0              0.0
  7  07/14/2016 10:51           -----            0.0              0.0
  8  07/14/2016 10:52           -----            0.0              0.0
  9  07/14/2016 10:53           -----            0.0              0.0
 10  07/14/2016 10:54           -----            0.0              0.0
 11  07/14/2016 10:55           -----            0.0              0.0
 12  07/14/2016 10:56           -----            0.0              0.0
 13  07/14/2016 10:57           -----            0.0              0.0
 14  07/14/2016 10:58           -----            0.0              0.0
 15  07/14/2016 10:59           -----            0.0              0.0
 16  07/14/2016 11:00           -----            0.0              0.0
 17  07/14/2016 11:01           -----            0.0              0.0
 18  07/14/2016 11:02           -----            0.0              0.0
 19  07/14/2016 11:03           -----            0.0              0.0
 20  07/14/2016 11:04           -----            0.0              0.0
 21  07/14/2016 11:05           -----            0.0              0.0
 22  07/14/2016 11:06           -----            0.0              0.0
 23  07/14/2016 11:07           -----            0.0              0.0
 24  07/14/2016 11:08           -----            0.0              0.0
 25  07/14/2016 11:09           -----            0.0              0.0
 26  07/14/2016 11:10           -----            0.0              0.0
 27  07/14/2016 11:11           -----            0.0              0.0
 28  07/14/2016 11:12           -----            0.0              0.0
 29  07/14/2016 11:13           -----            0.0              0.0
 30  07/14/2016 11:14           -----            0.0              0.0
 31  07/14/2016 11:15           -----            0.0              0.0
 32  07/14/2016 11:16           -----            0.0              0.0
 33  07/14/2016 11:17           -----            0.0              0.0
 34  07/14/2016 11:18           -----            0.0              0.0
 35  07/14/2016 11:19           -----            0.0              0.0
 36  07/14/2016 11:20           -----            0.0              0.0
 37  07/14/2016 11:21           -----            0.0              0.0
 38  07/14/2016 11:22           -----            0.0              0.0
 39  07/14/2016 11:23           -----            0.0              0.0
 40  07/14/2016 11:24           -----            0.0              0.0
 41  07/14/2016 11:25           -----            0.0              0.0
 42  07/14/2016 11:26           -----            0.0              0.0
 43  07/14/2016 11:27           -----            0.0              0.0
 44  07/14/2016 11:28           -----            0.0              0.0
 45  07/14/2016 11:29           -----            0.0              0.0
 46  07/14/2016 11:30           -----            0.0              0.0
 47  07/14/2016 11:31           -----            0.0              0.0
 48  07/14/2016 11:32           -----            0.0              0.0
 49  07/14/2016 11:33           -----            0.0              0.0
 50  07/14/2016 11:34           -----            0.0              0.0
 51  07/14/2016 11:35           -----            0.0              0.0
 52  07/14/2016 11:36           -----            0.0              0.0
 53  07/14/2016 11:37           -----            0.0              0.0
 54  07/14/2016 11:38           -----            0.0              0.0
 55  07/14/2016 11:39           -----            0.0              0.0
 56  07/14/2016 11:40           -----            0.0              0.0
 57  07/14/2016 11:41           -----            0.0              0.0
=====

```

58	07/14/2016	11:42	-----	0.0	0.0
59	07/14/2016	11:43	-----	0.0	0.0
60	07/14/2016	11:44	-----	0.0	0.0
61	07/14/2016	11:45	-----	0.0	0.0
62	07/14/2016	11:46	-----	0.0	0.0
63	07/14/2016	11:47	-----	0.0	0.0
64	07/14/2016	11:48	-----	0.0	0.0
65	07/14/2016	11:49	-----	0.0	0.0
66	07/14/2016	11:50	-----	0.0	0.0
67	07/14/2016	11:51	-----	0.0	0.0
68	07/14/2016	11:52	-----	0.0	0.0
69	07/14/2016	11:53	-----	0.0	0.0
70	07/14/2016	11:54	-----	0.0	0.0
71	07/14/2016	11:55	-----	0.0	0.0
72	07/14/2016	11:56	-----	0.0	0.0
73	07/14/2016	11:57	-----	0.0	0.0
74	07/14/2016	11:58	-----	0.0	0.0
75	07/14/2016	11:59	-----	0.0	0.0
76	07/14/2016	12:00	-----	0.0	0.0
77	07/14/2016	12:01	-----	0.0	0.0
78	07/14/2016	12:02	-----	0.0	0.0
79	07/14/2016	12:03	-----	0.0	0.0
80	07/14/2016	12:04	-----	0.0	0.0
81	07/14/2016	12:05	-----	0.0	0.0
82	07/14/2016	12:06	-----	0.0	0.0
83	07/14/2016	12:07	-----	0.0	0.0
84	07/14/2016	12:08	-----	0.0	0.0
85	07/14/2016	12:09	-----	0.0	0.0
86	07/14/2016	12:10	-----	0.0	0.0
87	07/14/2016	12:11	-----	0.0	0.0
88	07/14/2016	12:12	-----	0.0	0.0
89	07/14/2016	12:13	-----	0.0	0.0
90	07/14/2016	12:14	-----	0.0	0.0
91	07/14/2016	12:15	-----	0.0	0.0
92	07/14/2016	12:16	-----	0.0	0.0
93	07/14/2016	12:17	-----	0.0	0.0
94	07/14/2016	12:18	-----	0.0	0.0
95	07/14/2016	12:19	-----	0.0	0.0
96	07/14/2016	12:20	-----	0.0	0.0
97	07/14/2016	12:21	-----	0.0	0.0
98	07/14/2016	12:22	-----	0.0	0.0
99	07/14/2016	12:23	-----	0.0	0.0
100	07/14/2016	12:24	-----	0.0	0.0
101	07/14/2016	12:25	-----	0.0	0.0
102	07/14/2016	12:26	-----	0.0	0.0
103	07/14/2016	12:27	-----	0.0	0.0
104	07/14/2016	12:28	-----	0.0	0.0
105	07/14/2016	12:29	-----	0.0	0.0
106	07/14/2016	12:30	-----	0.0	0.0
107	07/14/2016	12:31	-----	0.0	0.0
108	07/14/2016	12:32	-----	0.0	0.0
109	07/14/2016	12:33	-----	0.0	0.0
110	07/14/2016	12:34	-----	0.0	0.0
111	07/14/2016	12:35	-----	0.0	0.0
112	07/14/2016	12:36	-----	0.0	0.0
113	07/14/2016	12:37	-----	0.0	0.0
114	07/14/2016	12:38	-----	0.0	0.0
115	07/14/2016	12:39	-----	0.0	0.0
116	07/14/2016	12:40	-----	0.0	0.0
117	07/14/2016	12:41	-----	0.0	0.0
118	07/14/2016	12:42	-----	0.0	0.0
119	07/14/2016	12:43	-----	0.0	0.0
120	07/14/2016	12:44	-----	0.0	0.0
121	07/14/2016	12:45	-----	0.0	0.0
122	07/14/2016	12:46	-----	0.0	0.0
123	07/14/2016	12:47	-----	0.0	0.0
124	07/14/2016	12:48	-----	0.0	0.0
125	07/14/2016	12:49	-----	0.0	0.0

126	07/14/2016	12:50	-----	0.0	0.0
127	07/14/2016	12:51	-----	0.0	0.0
128	07/14/2016	12:52	-----	0.0	0.0
129	07/14/2016	12:53	-----	0.0	0.0
130	07/14/2016	12:54	-----	0.0	0.0
131	07/14/2016	12:55	-----	0.0	0.0
132	07/14/2016	12:56	-----	0.0	0.0
133	07/14/2016	12:57	-----	0.0	0.0
134	07/14/2016	12:58	-----	0.0	0.0
135	07/14/2016	12:59	-----	0.0	0.0
136	07/14/2016	13:00	-----	0.0	0.0
137	07/14/2016	13:01	-----	0.0	0.0
138	07/14/2016	13:02	-----	0.0	0.0
139	07/14/2016	13:03	-----	0.0	0.0
140	07/14/2016	13:04	-----	0.0	0.0
141	07/14/2016	13:05	-----	0.0	0.0
142	07/14/2016	13:06	-----	0.0	0.0
143	07/14/2016	13:07	-----	0.0	0.0
144	07/14/2016	13:08	-----	0.0	0.0
145	07/14/2016	13:09	-----	0.0	0.0
146	07/14/2016	13:10	-----	0.0	0.0
147	07/14/2016	13:11	-----	0.0	0.0
148	07/14/2016	13:12	-----	0.0	0.0
149	07/14/2016	13:13	-----	0.0	0.0
150	07/14/2016	13:14	-----	0.0	0.0
151	07/14/2016	13:15	-----	0.0	0.0
152	07/14/2016	13:16	-----	0.0	0.0
153	07/14/2016	13:17	-----	0.0	0.0
154	07/14/2016	13:18	-----	0.0	0.0
155	07/14/2016	13:19	-----	0.0	0.0
156	07/14/2016	13:20	-----	0.0	0.0
157	07/14/2016	13:21	-----	0.0	0.0
158	07/14/2016	13:22	-----	0.0	0.0
159	07/14/2016	13:23	-----	0.0	0.0
160	07/14/2016	13:24	-----	0.0	0.0
161	07/14/2016	13:25	-----	0.0	0.0
162	07/14/2016	13:26	-----	0.0	0.0
163	07/14/2016	13:27	-----	0.0	0.0
164	07/14/2016	13:28	-----	0.0	0.0
165	07/14/2016	13:29	-----	0.0	0.0
166	07/14/2016	13:30	-----	0.0	0.0
167	07/14/2016	13:31	-----	0.0	0.0
168	07/14/2016	13:32	-----	0.0	0.0
169	07/14/2016	13:33	-----	0.0	0.0
170	07/14/2016	13:34	-----	0.0	0.0
171	07/14/2016	13:35	-----	0.0	0.0
172	07/14/2016	13:36	-----	0.0	0.0
173	07/14/2016	13:37	-----	0.0	0.0
174	07/14/2016	13:38	-----	0.0	0.0
175	07/14/2016	13:39	-----	0.0	0.0
176	07/14/2016	13:40	-----	0.0	0.0
177	07/14/2016	13:41	-----	0.0	0.0
178	07/14/2016	13:42	-----	0.0	0.0
179	07/14/2016	13:43	-----	0.0	0.0
180	07/14/2016	13:44	-----	0.0	0.0
181	07/14/2016	13:45	-----	0.0	0.0
182	07/14/2016	13:46	-----	0.0	0.0
183	07/14/2016	13:47	-----	0.0	0.0
184	07/14/2016	13:48	-----	0.0	0.0
185	07/14/2016	13:49	-----	0.0	0.0
186	07/14/2016	13:50	-----	0.0	0.0
187	07/14/2016	13:51	-----	0.0	0.0
188	07/14/2016	13:52	-----	0.0	0.0
189	07/14/2016	13:53	-----	0.0	0.0
190	07/14/2016	13:54	-----	0.0	0.0
191	07/14/2016	13:55	-----	0.0	0.0
192	07/14/2016	13:56	-----	0.0	0.0
193	07/14/2016	13:57	-----	0.0	0.0

194	07/14/2016	13:58	-----	0.0	0.0
195	07/14/2016	13:59	-----	0.0	0.0
196	07/14/2016	14:00	-----	0.0	0.0
197	07/14/2016	14:01	-----	0.0	0.0
198	07/14/2016	14:02	-----	0.0	0.0
199	07/14/2016	14:03	-----	0.0	0.0
200	07/14/2016	14:04	-----	0.0	0.0
201	07/14/2016	14:05	-----	0.0	0.0
202	07/14/2016	14:06	-----	0.0	0.0
203	07/14/2016	14:07	-----	0.0	0.0
204	07/14/2016	14:08	-----	0.0	0.0
205	07/14/2016	14:09	-----	0.0	0.0
206	07/14/2016	14:10	-----	0.0	0.0
207	07/14/2016	14:11	-----	0.0	0.0
208	07/14/2016	14:12	-----	0.0	0.0
209	07/14/2016	14:13	-----	0.0	0.0
210	07/14/2016	14:14	-----	0.0	0.0
211	07/14/2016	14:15	-----	0.0	0.0
212	07/14/2016	14:16	-----	0.0	0.0
213	07/14/2016	14:17	-----	0.0	0.0
214	07/14/2016	14:18	-----	0.0	0.0
215	07/14/2016	14:19	-----	0.0	0.0
216	07/14/2016	14:20	-----	0.0	0.0
217	07/14/2016	14:21	-----	0.0	0.0
218	07/14/2016	14:22	-----	0.0	0.0
219	07/14/2016	14:23	-----	0.0	0.0
220	07/14/2016	14:24	-----	0.0	0.0
221	07/14/2016	14:25	-----	0.0	0.0
222	07/14/2016	14:26	-----	0.0	0.0
223	07/14/2016	14:27	-----	0.0	0.0
224	07/14/2016	14:28	-----	0.0	0.0
225	07/14/2016	14:29	-----	0.0	0.0
226	07/14/2016	14:30	-----	0.0	0.0
227	07/14/2016	14:31	-----	0.0	0.0
228	07/14/2016	14:32	-----	0.0	0.0
229	07/14/2016	14:33	-----	0.0	0.0
230	07/14/2016	14:34	-----	0.0	0.0
231	07/14/2016	14:35	-----	0.0	0.0
232	07/14/2016	14:36	-----	0.0	0.0
233	07/14/2016	14:37	-----	0.0	0.0
234	07/14/2016	14:38	-----	0.0	0.0
235	07/14/2016	14:39	-----	0.0	0.0
236	07/14/2016	14:40	-----	0.0	0.0
237	07/14/2016	14:41	-----	0.0	0.0
238	07/14/2016	14:42	-----	0.0	0.0
239	07/14/2016	14:43	-----	0.0	0.0
240	07/14/2016	14:44	-----	0.0	0.0
241	07/14/2016	14:45	-----	0.0	0.0
242	07/14/2016	14:46	-----	0.0	0.0
243	07/14/2016	14:47	-----	0.0	0.0
244	07/14/2016	14:48	-----	0.0	0.0
245	07/14/2016	14:49	-----	0.0	0.0
246	07/14/2016	14:50	-----	0.0	0.0
247	07/14/2016	14:51	-----	0.0	0.0
248	07/14/2016	14:52	-----	0.0	0.0
249	07/14/2016	14:53	-----	0.0	0.0
250	07/14/2016	14:54	-----	0.0	0.0
251	07/14/2016	14:55	-----	0.0	0.0
252	07/14/2016	14:56	-----	0.0	0.0
253	07/14/2016	14:57	-----	0.0	0.0
254	07/14/2016	14:58	-----	0.0	0.0
255	07/14/2016	14:59	-----	0.0	0.0
256	07/14/2016	15:00	-----	0.0	0.0
257	07/14/2016	15:01	-----	0.0	0.0
258	07/14/2016	15:02	-----	0.0	0.0
259	07/14/2016	15:03	-----	0.0	0.0
260	07/14/2016	15:04	-----	0.0	0.0
261	07/14/2016	15:05	-----	0.0	0.0

262	07/14/2016	15:06	-----	0.0	0.0
263	07/14/2016	15:07	-----	0.0	0.0
264	07/14/2016	15:08	-----	0.0	0.0
265	07/14/2016	15:09	-----	0.0	0.0
266	07/14/2016	15:10	-----	0.0	0.0
267	07/14/2016	15:11	-----	0.0	0.0
268	07/14/2016	15:12	-----	0.0	0.0
269	07/14/2016	15:13	-----	0.0	0.0
270	07/14/2016	15:14	-----	0.0	0.0
271	07/14/2016	15:15	-----	0.0	0.0
272	07/14/2016	15:16	-----	0.0	0.0
273	07/14/2016	15:17	-----	0.0	0.0
274	07/14/2016	15:18	-----	0.0	0.0
275	07/14/2016	15:19	-----	0.0	0.0
276	07/14/2016	15:20	-----	0.0	0.0
277	07/14/2016	15:21	-----	0.0	0.0
278	07/14/2016	15:22	-----	0.0	0.0
279	07/14/2016	15:23	-----	0.0	0.0
280	07/14/2016	15:24	-----	0.0	0.0
281	07/14/2016	15:25	-----	0.0	0.0
282	07/14/2016	15:26	-----	0.0	0.0
283	07/14/2016	15:27	-----	0.0	0.0
284	07/14/2016	15:28	-----	0.0	0.0
285	07/14/2016	15:29	-----	0.0	0.0
286	07/14/2016	15:30	-----	0.0	0.0
287	07/14/2016	15:31	-----	0.0	0.0
288	07/14/2016	15:32	-----	0.0	0.0
289	07/14/2016	15:33	-----	0.0	0.0
290	07/14/2016	15:34	-----	0.0	0.0
291	07/14/2016	15:35	-----	0.0	0.0
292	07/14/2016	15:36	-----	0.0	0.0
293	07/14/2016	15:37	-----	0.0	0.0
294	07/14/2016	15:38	-----	0.0	0.0
295	07/14/2016	15:39	-----	0.0	0.0
296	07/14/2016	15:40	-----	0.0	0.0
297	07/14/2016	15:41	-----	0.0	0.0
298	07/14/2016	15:42	-----	0.0	0.0
299	07/14/2016	15:43	-----	0.0	0.0
300	07/14/2016	15:44	-----	0.0	0.0
301	07/14/2016	15:45	-----	0.0	0.0
302	07/14/2016	15:46	-----	0.0	0.0
303	07/14/2016	15:47	-----	0.0	0.0
304	07/14/2016	15:48	-----	0.0	0.0
305	07/14/2016	15:49	-----	0.0	0.0
306	07/14/2016	15:50	-----	0.0	0.0
307	07/14/2016	15:51	-----	0.0	0.0
308	07/14/2016	15:52	-----	0.0	0.0
309	07/14/2016	15:53	-----	0.0	0.0
310	07/14/2016	15:54	-----	0.0	0.0
311	07/14/2016	15:55	-----	0.0	0.0
312	07/14/2016	15:56	-----	0.0	0.0
313	07/14/2016	15:57	-----	0.0	0.0
314	07/14/2016	15:58	-----	0.0	0.0
315	07/14/2016	15:59	-----	0.0	0.0
316	07/14/2016	16:00	-----	0.0	0.0
317	07/14/2016	16:01	-----	0.0	0.0
318	07/14/2016	16:02	-----	0.0	0.0
319	07/14/2016	16:03	-----	0.0	0.0
320	07/14/2016	16:04	-----	0.0	0.0
321	07/14/2016	16:05	-----	0.0	0.0
322	07/14/2016	16:06	-----	0.0	0.0
323	07/14/2016	16:07	-----	0.0	0.0
324	07/14/2016	16:08	-----	0.0	0.0
325	07/14/2016	16:09	-----	0.0	0.0
326	07/14/2016	16:10	-----	0.0	0.0
327	07/14/2016	16:11	-----	0.0	0.0
328	07/14/2016	16:12	-----	0.0	0.0
329	07/14/2016	16:13	-----	0.0	0.0

330	07/14/2016	16:14	-----	0.0	0.0
331	07/14/2016	16:15	-----	0.0	0.0
332	07/14/2016	16:16	-----	0.0	0.0
333	07/14/2016	16:17	-----	0.0	0.0
334	07/14/2016	16:18	-----	0.0	0.0
335	07/14/2016	16:19	-----	0.0	0.0
336	07/14/2016	16:20	-----	0.0	0.0
337	07/14/2016	16:21	-----	0.0	0.0
338	07/14/2016	16:22	-----	0.0	0.0
339	07/14/2016	16:23	-----	0.0	0.0
340	07/14/2016	16:24	-----	0.0	0.0
341	07/14/2016	16:25	-----	0.0	0.0
342	07/14/2016	16:26	-----	0.0	0.0
343	07/14/2016	16:27	-----	0.0	0.0
344	07/14/2016	16:28	-----	0.0	0.0
345	07/14/2016	16:29	-----	0.0	0.0
346	07/14/2016	16:30	-----	0.0	0.0
347	07/14/2016	16:31	-----	0.0	0.0
348	07/14/2016	16:32	-----	0.0	0.0
349	07/14/2016	16:33	-----	0.0	0.0
350	07/14/2016	16:34	-----	0.0	0.0
351	07/14/2016	16:35	-----	0.0	0.0
352	07/14/2016	16:36	-----	0.0	0.0
353	07/14/2016	16:37	-----	0.0	0.0
354	07/14/2016	16:38	-----	0.0	0.0
355	07/14/2016	16:39	-----	0.0	0.0
356	07/14/2016	16:40	-----	0.0	0.0
357	07/14/2016	16:41	-----	0.0	0.0
358	07/14/2016	16:42	-----	0.0	0.0
359	07/14/2016	16:43	-----	0.0	0.0
360	07/14/2016	16:44	-----	0.0	0.0

INSPECTOR'S DAILY REPORT

Page of

CONTRACTOR: <i>AquaTest</i>	JOB NO.: <i>0249-016-015</i>
CLIENT: <i>South Buffalo Charter School</i>	DATE: <i>7/15/16</i>

LOCATION: <i>154 South Ogden Ave. Site</i>	DAY: Su M Tu W Th F Sa
WEATHER: <i>overcast</i>	TEMP: <i>upper 70's</i> °F
START: <i>0900</i>	END: <i>1533</i>

WORK PERFORMED:

*0900 On-site, set up meters winds
 W- 10-15 mph, In 3' tall sprinker
 heads along southern and SE sides
 of school, sprinkler - he can hear
 Dug ~ 6 to 8" below surface,
 tumbled 1/2" line and 1" line.*

1100 left site

*1515 Back on site 1530 took down
 meters left site*

TEST PERFORMED:	QA PERSONNEL:
	SIGNATURE: <i>[Signature]</i>

COMMUNITY AIR MONITORING DAILY LOG

Date: 7/15/16
 Project: Sprinkler Install
 Job No.: 0249-016-015
 Client: 154 South Buffalo Ave School

WEATHER CONDITIONS:

Time of Day:	<u>0900</u> A.M.	<u>1530</u> P.M.
Ambient Air Temp.:	<u>Low 70°</u>	<u>Mid 80°s</u>
Wind Direction:	<u>W</u>	<u>W</u>
Wind Speed:	<u>5-10</u>	<u>5-10</u>
Precipitation:	<u>overcast</u>	<u>Sunny</u>

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

DESCRIPTION OF SITE ACTIVITIES: Sprinkler Install

PARTICULATE MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 100 ug/m3 ¹			<u>NONE</u>		
Exceedence of 150 ug/m3 ¹			<u>NONE</u>		
Visual Observation of Fugitive Dust			<u>NA</u>		
			<u>NA</u>		
			<u>NA</u>		

VOC MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 5 ppm ¹			<u>NONE</u>		Temporarily halt Work and continue monitoring
			<u>NONE</u>		
Reading of 5 to 25 ppm ¹					Temporarily halt Work, abate emissions with corrective actions and continue monitoring ³
Exceedence of 25 ppm ²			<u>NONE</u>		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.

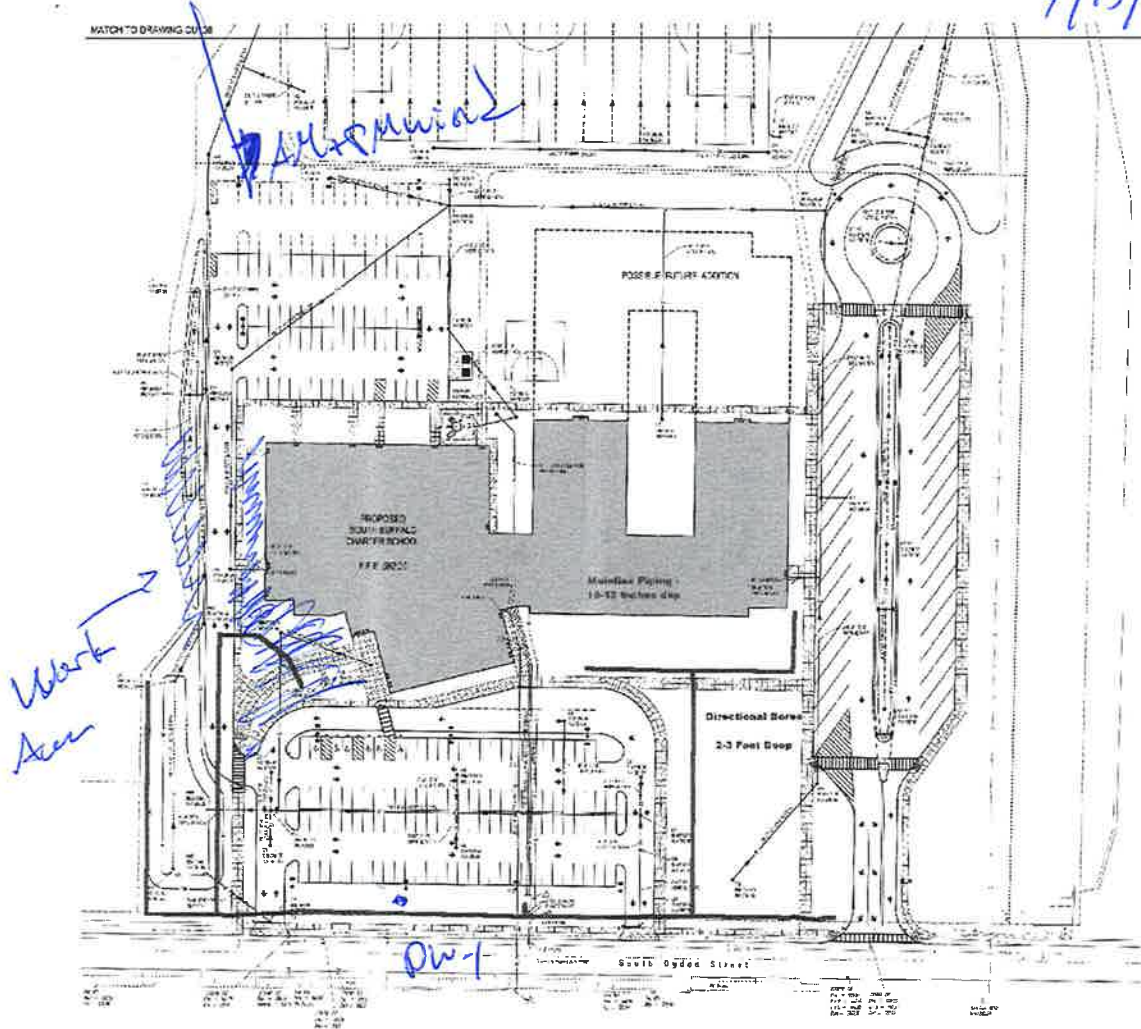
NOTE: All exceedences are to be reported to Benchmark within 15 minutes.

Prepared By: TJB Date: 7/15/16
 Checked By: _____ Date: _____

7/15/16

MATCH TO DRAWING CU106

MATCH TO DRAWING CU106



- GENERAL NOTES**
1. SEE GENERAL NOTES TO THE CONTRACT DOCUMENTS.
 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
 3. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.
 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES.
 5. THE CONTRACTOR SHALL MAINTAIN ADEQUATE DRAINAGE AND EROSION CONTROL MEASURES THROUGHOUT THE CONSTRUCTION PERIOD.
 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND RESTORATION OF ALL EXISTING TREES AND LANDSCAPE.
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SOUTH BUFFALO CHARTER SCHOOL
 SOUTH BUFFALO CHARTER SCHOOL ADDITIONAL PARKING LAYOUT
 PREPARED BY MERRITT SNYDER ARCHITECTURE PROJECT: 1023

UTILITY PLAN
 EAST
 CU107

Test 004

Instrument		Data Properties	
Model	SidePak Aerosol Monitor	Start Date	07/15/2016
Meter S/N	11106036	Start Time	09:20:56
		Stop Date	07/15/2016
		Stop Time	15:35:56
		Total Time	0:06:15:00
		Logging Interval	900 seconds

Statistics	
	Aerosol
Avg	0.011 mg/m ³
Max	0.016 mg/m ³
Max Date	07/15/2016
Max Time	09:35:56
Min	0.007 mg/m ³
Min Date	07/15/2016
Min Time	12:35:56
TWA (8 hr)	0.008
TWA Start Date	07/15/2016
TWA Start Time	09:20:56
TWA End Time	15:35:56

Test Data			
Data Point	Date	Time	Aerosol mg/m ³
1	07/15/2016	09:35:56	0.016
2	07/15/2016	09:50:56	0.015
3	07/15/2016	10:05:56	0.015
4	07/15/2016	10:20:56	0.014
5	07/15/2016	10:35:56	0.014
6	07/15/2016	10:50:56	0.014
7	07/15/2016	11:05:56	0.014
8	07/15/2016	11:20:56	0.013
9	07/15/2016	11:35:56	0.013
10	07/15/2016	11:50:56	0.012
11	07/15/2016	12:05:56	0.010
12	07/15/2016	12:20:56	0.009
13	07/15/2016	12:35:56	0.007
14	07/15/2016	12:50:56	0.007
15	07/15/2016	13:05:56	0.007
16	07/15/2016	13:20:56	0.008
17	07/15/2016	13:35:56	0.009
18	07/15/2016	13:50:56	0.008
19	07/15/2016	14:05:56	0.008
20	07/15/2016	14:20:56	0.010
21	07/15/2016	14:35:56	0.011

Test Data			
Data Point	Date	Time	Aerosol mg/m³
22	07/15/2016	14:50:56	0.010
23	07/15/2016	15:05:56	0.009
24	07/15/2016	15:20:56	0.009
25	07/15/2016	15:35:56	0.009

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 006938
User ID: PID 1 Site ID: PID 1703
Data Points: 377 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 07/01/2016 14:12
Start At: 07/15/2016 09:17 End At: 07/15/2016 15:33

```
=====
```

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels:	100.0	100.0	100.0
Low Alarm Levels:	50.0	50.0	50.0
STEL Alarm Levels:	25.0	25.0	25.0
TWA Alarm Levels:	5.0	5.0	5.0

```
=====
```

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
Peak Data Value:	-----	0.0	0.0
Min Data Value:	-----	0.0	0.0
TWA Data Value:	-----	0.0	0.0
AVG Data Value:	-----	0.0	0.0

```
=====
```

Instrument: MiniRAE 2000 (PGM7600)

Serial Number: 006938

User ID: PID 1

Site ID: PID 1703

Data Points: 377

Gas Name: Isobutylene

Sample Period: 60 sec

Last Calibration Time: 07/01/2016 14:12

```

=====
Measurement Type:
Alarm Type:          STEL      Min(ppm)      Avg(ppm)      Max(ppm)
                    STEL      TWA      AVG      STEL      TWA      AVG      STEL      TWA      AVG
Alarm Levels:       25.0      5.0      25.0      5.0      25.0      5.0
=====

```

Line#	Date	Time	Min(ppm)			Avg(ppm)			Max(ppm)		
			STEL	TWA	AVG	STEL	TWA	AVG	STEL	TWA	AVG
1	07/15/2016	09:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
2	07/15/2016	09:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
3	07/15/2016	09:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
4	07/15/2016	09:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
5	07/15/2016	09:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
6	07/15/2016	09:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
7	07/15/2016	09:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
8	07/15/2016	09:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
9	07/15/2016	09:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
10	07/15/2016	09:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
11	07/15/2016	09:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
12	07/15/2016	09:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
13	07/15/2016	09:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
14	07/15/2016	09:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
15	07/15/2016	09:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
16	07/15/2016	09:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
17	07/15/2016	09:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
18	07/15/2016	09:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
19	07/15/2016	09:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
20	07/15/2016	09:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
21	07/15/2016	09:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
22	07/15/2016	09:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
23	07/15/2016	09:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
24	07/15/2016	09:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
25	07/15/2016	09:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
26	07/15/2016	09:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
27	07/15/2016	09:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
28	07/15/2016	09:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
29	07/15/2016	09:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
30	07/15/2016	09:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
31	07/15/2016	09:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
32	07/15/2016	09:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
33	07/15/2016	09:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
34	07/15/2016	09:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
35	07/15/2016	09:51	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
36	07/15/2016	09:52	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
37	07/15/2016	09:53	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
38	07/15/2016	09:54	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
39	07/15/2016	09:55	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
40	07/15/2016	09:56	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
41	07/15/2016	09:57	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
42	07/15/2016	09:58	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
43	07/15/2016	09:59	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
44	07/15/2016	10:00	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
45	07/15/2016	10:01	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
46	07/15/2016	10:02	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
47	07/15/2016	10:03	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
48	07/15/2016	10:04	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
49	07/15/2016	10:05	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
50	07/15/2016	10:06	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
51	07/15/2016	10:07	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
52	07/15/2016	10:08	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
53	07/15/2016	10:09	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
54	07/15/2016	10:10	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
55	07/15/2016	10:11	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 006938
 User ID: PID 1 Site ID: PID 1703
 Data Points: 377 Gas Name: Isobutylene Sample Period: 60 sec
 Last Calibration Time: 07/01/2016 14:12

```

=====
Measurement Type:          Min(ppm)          Avg(ppm)          Max(ppm)
High Alarm Levels:        100.0          100.0          100.0
Low Alarm Levels:         50.0           50.0           50.0
=====

```

```

=====
Line#      Date   Time           Min(ppm)          Avg(ppm)          Max(ppm)
=====
  1  07/15/2016 09:17          -----          0.0             0.0
  2  07/15/2016 09:18          -----          0.0             0.0
  3  07/15/2016 09:19          -----          0.0             0.0
  4  07/15/2016 09:20          -----          0.0             0.0
  5  07/15/2016 09:21          -----          0.0             0.0
  6  07/15/2016 09:22          -----          0.0             0.0
  7  07/15/2016 09:23          -----          0.0             0.0
  8  07/15/2016 09:24          -----          0.0             0.0
  9  07/15/2016 09:25          -----          0.0             0.0
 10  07/15/2016 09:26          -----          0.0             0.0
 11  07/15/2016 09:27          -----          0.0             0.0
 12  07/15/2016 09:28          -----          0.0             0.0
 13  07/15/2016 09:29          -----          0.0             0.0
 14  07/15/2016 09:30          -----          0.0             0.0
 15  07/15/2016 09:31          -----          0.0             0.0
 16  07/15/2016 09:32          -----          0.0             0.0
 17  07/15/2016 09:33          -----          0.0             0.0
 18  07/15/2016 09:34          -----          0.0             0.0
 19  07/15/2016 09:35          -----          0.0             0.0
 20  07/15/2016 09:36          -----          0.0             0.0
 21  07/15/2016 09:37          -----          0.0             0.0
 22  07/15/2016 09:38          -----          0.0             0.0
 23  07/15/2016 09:39          -----          0.0             0.0
 24  07/15/2016 09:40          -----          0.0             0.0
 25  07/15/2016 09:41          -----          0.0             0.0
 26  07/15/2016 09:42          -----          0.0             0.0
 27  07/15/2016 09:43          -----          0.0             0.0
 28  07/15/2016 09:44          -----          0.0             0.0
 29  07/15/2016 09:45          -----          0.0             0.0
 30  07/15/2016 09:46          -----          0.0             0.0
 31  07/15/2016 09:47          -----          0.0             0.0
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 43  07/15/2016 09:59          -----          0.0             0.0
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 45  07/15/2016 10:01          -----          0.0             0.0
 46  07/15/2016 10:02          -----          0.0             0.0
 47  07/15/2016 10:03          -----          0.0             0.0
 48  07/15/2016 10:04          -----          0.0             0.0
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 51  07/15/2016 10:07          -----          0.0             0.0
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INSPECTOR'S DAILY REPORT

Page of

CONTRACTOR: REP Aqua Rest	JOB NO.: 0249-016-005
CLIENT: REP South Buffalo Charter school	DATE: 7/18/16

LOCATION: 154 South Ogden Ave. Site	DAY: Su <input checked="" type="radio"/> M <input type="radio"/> Tu <input type="radio"/> W <input type="radio"/> Th <input type="radio"/> F <input type="radio"/> Sa
WEATHER: overcast overcast	TEMP: mid 70s °F
START: 0910	END: 1745

WORK PERFORMED:

0900 on site set up meter NE corner of site winds out of SSW. 10-15 mph

Trampled 1" lines on SE portion of property installing 1" line and sprinkler heads SE corner of property

1100 left site

1645 Back on site Installing sprinkler head and 1" line one North and Eastern sides of the Bldg

Trampled the rest of the lines

1740 Took Down meters left site

TEST PERFORMED:	QA PERSONNEL: SIGNATURE:
-----------------	---------------------------------

COMMUNITY AIR MONITORING DAILY LOG

Date: 7/18/16
 Project: Sprinkler Install
 Job No.: 0249-016-015
 Client: South Buffalo Charter School

WEATHER CONDITIONS:

Time of Day:	<u>0929</u> A.M.	<u>1637</u> P.M.
Ambient Air Temp.:	<u>70's</u>	<u>70's</u>
Wind Direction:	<u>SSW</u>	<u>SSW</u>
Wind Speed:	<u>10-15</u>	<u>10-15</u>
Precipitation:	<u>Scattered overcast</u>	<u>Scum</u>

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

DESCRIPTION OF SITE ACTIVITIES: Sprinkler Install

PARTICULATE MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 100 ug/m3 ¹			<u>NONE</u>		
Exceedence of 150 ug/m3 ¹			<u>NONE</u>		
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			<u>NONE</u>		Temporarily halt Work and continue monitoring
			<u>NONE</u>		
Reading of 5 to 25 ppm ¹					Temporarily halt Work, abate emissions with corrective actions and continue monitoring ³
Exceedence of 25 ppm ²			<u>NONE</u>		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.

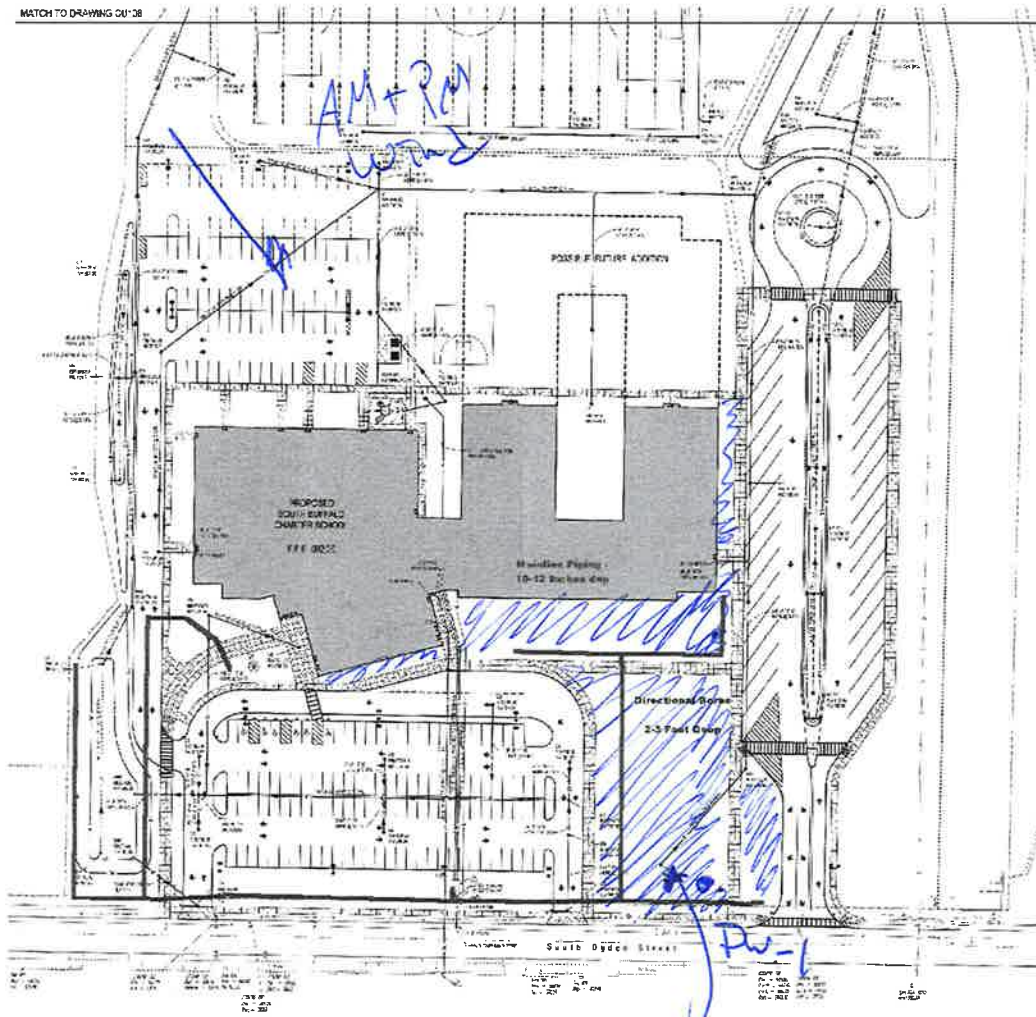
NOTE: All exceedences are to be reported to Benchmark within 15 minutes.

Prepared By: TAB Date: 7/18/16
 Checked By: _____ Date: _____

7/18/16

MATCH TO DRAWING CU108

MATCH TO DRAWING CU108



GENERAL NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES.
2. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.
3. ALL UTILITIES SHALL BE PROTECTED AND DEEPLY REPAIRED.
4. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
5. ALL MATERIALS AND METHODS SHALL BE APPROVED BY THE ARCHITECT.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES.
7. ALL UTILITIES SHALL BE PROTECTED AND DEEPLY REPAIRED.
8. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
9. ALL MATERIALS AND METHODS SHALL BE APPROVED BY THE ARCHITECT.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES.
11. ALL UTILITIES SHALL BE PROTECTED AND DEEPLY REPAIRED.
12. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
13. ALL MATERIALS AND METHODS SHALL BE APPROVED BY THE ARCHITECT.

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	7/18/16
2	REVISION	
3	REVISION	
4	REVISION	
5	REVISION	
6	REVISION	
7	REVISION	
8	REVISION	
9	REVISION	
10	REVISION	

SCALE: 1/8" = 1'-0"

DATE: 7/18/16

PROJECT: SOUTH BUFFALO CHARTER SCHOOL

ARCHITECT: [Firm Name]



SOUTH BUFFALO CHARTER SCHOOL
 SOUTH BUFFALO, NEW YORK
 SINGLESIDE ARCHITECTURE PROJECT 1135

UTILITY PLAN
 EAST
 CU107

Test 005

Instrument		Data Properties	
Model	SidePak Aerosol Monitor	Start Date	07/18/2016
Meter S/N	11106036	Start Time	09:31:56
		Stop Date	07/18/2016
		Stop Time	16:46:56
		Total Time	0:07:15:00
		Logging Interval	900 seconds

Statistics	
	Aerosol
Avg	0.016 mg/m ³
Max	0.030 mg/m ³
Max Date	07/18/2016
Max Time	09:46:56
Min	0.010 mg/m ³
Min Date	07/18/2016
Min Time	13:16:56
TWA (8 hr)	0.015
TWA Start Date	07/18/2016
TWA Start Time	09:31:56
TWA End Time	16:46:56

Test Data			
Data Point	Date	Time	Aerosol mg/m ³
1	07/18/2016	09:46:56	0.030
2	07/18/2016	10:01:56	0.029
3	07/18/2016	10:16:56	0.027
4	07/18/2016	10:31:56	0.025
5	07/18/2016	10:46:56	0.022
6	07/18/2016	11:01:56	0.025
7	07/18/2016	11:16:56	0.022
8	07/18/2016	11:31:56	0.019
9	07/18/2016	11:46:56	0.014
10	07/18/2016	12:01:56	0.012
11	07/18/2016	12:16:56	0.011
12	07/18/2016	12:31:56	0.011
13	07/18/2016	12:46:56	0.012
14	07/18/2016	13:01:56	0.011
15	07/18/2016	13:16:56	0.010
16	07/18/2016	13:31:56	0.010
17	07/18/2016	13:46:56	0.010
18	07/18/2016	14:01:56	0.010
19	07/18/2016	14:16:56	0.010
20	07/18/2016	14:31:56	0.011
21	07/18/2016	14:46:56	0.012

Test Data			
Data Point	Date	Time	Aerosol mg/m³
22	07/18/2016	15:01:56	0.013
23	07/18/2016	15:16:56	0.014
24	07/18/2016	15:31:56	0.014
25	07/18/2016	15:46:56	0.014
26	07/18/2016	16:01:56	0.016
27	07/18/2016	16:16:56	0.018
28	07/18/2016	16:31:56	0.018
29	07/18/2016	16:46:56	0.017

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 006938
User ID: PID 1 Site ID: PID 1704
Data Points: 489 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 07/01/2016 14:12
Start At: 07/18/2016 09:29 End At: 07/18/2016 17:37

```
=====
```

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels:	100.0	100.0	100.0
Low Alarm Levels:	50.0	50.0	50.0
STEL Alarm Levels:	25.0	25.0	25.0
TWA Alarm Levels:	5.0	5.0	5.0

```
=====
```

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
Peak Data Value:	-----	0.0	0.0
Min Data Value:	-----	0.0	0.0
TWA Data Value:	-----	0.0	0.0
AVG Data Value:	-----	0.0	0.0

```
=====
```

Instrument: MiniRAE 2000 (PGM7600)

Serial Number: 006938

User ID: PID 1

Site ID: PID 1704

Data Points: 489

Gas Name: Isobutylene

Sample Period: 60 sec

Last Calibration Time: 07/01/2016 14:12

```

=====
Measurement Type:
Alarm Type:          STEL      Min(ppm)      Avg(ppm)      Max(ppm)
                    STEL      TWA      AVG      STEL      TWA      AVG      STEL      TWA      AVG
Alarm Levels:        25.0      5.0      25.0      5.0      25.0      5.0
=====

```

Line#	Date	Time	Min(ppm)			Avg(ppm)			Max(ppm)		
			STEL	TWA	AVG	STEL	TWA	AVG	STEL	TWA	AVG
1	07/18/2016	09:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
2	07/18/2016	09:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
3	07/18/2016	09:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
4	07/18/2016	09:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
5	07/18/2016	09:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
6	07/18/2016	09:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
7	07/18/2016	09:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
8	07/18/2016	09:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
9	07/18/2016	09:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
10	07/18/2016	09:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
11	07/18/2016	09:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
12	07/18/2016	09:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
13	07/18/2016	09:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
14	07/18/2016	09:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
15	07/18/2016	09:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
16	07/18/2016	09:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
17	07/18/2016	09:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
18	07/18/2016	09:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
19	07/18/2016	09:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
20	07/18/2016	09:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
21	07/18/2016	09:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
22	07/18/2016	09:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
23	07/18/2016	09:51	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
24	07/18/2016	09:52	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
25	07/18/2016	09:53	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
26	07/18/2016	09:54	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
27	07/18/2016	09:55	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
28	07/18/2016	09:56	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
29	07/18/2016	09:57	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
30	07/18/2016	09:58	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
31	07/18/2016	09:59	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
32	07/18/2016	10:00	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
33	07/18/2016	10:01	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
34	07/18/2016	10:02	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
35	07/18/2016	10:03	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
36	07/18/2016	10:04	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
37	07/18/2016	10:05	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
38	07/18/2016	10:06	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
39	07/18/2016	10:07	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
40	07/18/2016	10:08	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
41	07/18/2016	10:09	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
42	07/18/2016	10:10	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
43	07/18/2016	10:11	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
44	07/18/2016	10:12	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
45	07/18/2016	10:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
46	07/18/2016	10:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
47	07/18/2016	10:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
48	07/18/2016	10:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
49	07/18/2016	10:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
50	07/18/2016	10:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
51	07/18/2016	10:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
52	07/18/2016	10:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
53	07/18/2016	10:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
54	07/18/2016	10:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
55	07/18/2016	10:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

464	07/18/2016	17:12	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
465	07/18/2016	17:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
466	07/18/2016	17:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
467	07/18/2016	17:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
468	07/18/2016	17:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
469	07/18/2016	17:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
470	07/18/2016	17:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
471	07/18/2016	17:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
472	07/18/2016	17:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
473	07/18/2016	17:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
474	07/18/2016	17:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
475	07/18/2016	17:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
476	07/18/2016	17:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
477	07/18/2016	17:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
478	07/18/2016	17:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
479	07/18/2016	17:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
480	07/18/2016	17:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
481	07/18/2016	17:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
482	07/18/2016	17:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
483	07/18/2016	17:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
484	07/18/2016	17:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
485	07/18/2016	17:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
486	07/18/2016	17:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
487	07/18/2016	17:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
488	07/18/2016	17:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
489	07/18/2016	17:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 006938
 User ID: PID 1 Site ID: PID 1704
 Data Points: 489 Gas Name: Isobutylene Sample Period: 60 sec
 Last Calibration Time: 07/01/2016 14:12

```

=====
Measurement Type:          Min(ppm)          Avg(ppm)          Max(ppm)
High Alarm Levels:        100.0          100.0          100.0
Low Alarm Levels:         50.0           50.0           50.0
=====

```

```

=====
Line#      Date   Time           Min(ppm)          Avg(ppm)          Max(ppm)
=====
  1  07/18/2016 09:29          -----          0.0             0.0
  2  07/18/2016 09:30          -----          0.0             0.0
  3  07/18/2016 09:31          -----          0.0             0.0
  4  07/18/2016 09:32          -----          0.0             0.0
  5  07/18/2016 09:33          -----          0.0             0.0
  6  07/18/2016 09:34          -----          0.0             0.0
  7  07/18/2016 09:35          -----          0.0             0.0
  8  07/18/2016 09:36          -----          0.0             0.0
  9  07/18/2016 09:37          -----          0.0             0.0
 10  07/18/2016 09:38          -----          0.0             0.0
 11  07/18/2016 09:39          -----          0.0             0.0
 12  07/18/2016 09:40          -----          0.0             0.0
 13  07/18/2016 09:41          -----          0.0             0.0
 14  07/18/2016 09:42          -----          0.0             0.0
 15  07/18/2016 09:43          -----          0.0             0.0
 16  07/18/2016 09:44          -----          0.0             0.0
 17  07/18/2016 09:45          -----          0.0             0.0
 18  07/18/2016 09:46          -----          0.0             0.0
 19  07/18/2016 09:47          -----          0.0             0.0
 20  07/18/2016 09:48          -----          0.0             0.0
 21  07/18/2016 09:49          -----          0.0             0.0
 22  07/18/2016 09:50          -----          0.0             0.0
 23  07/18/2016 09:51          -----          0.0             0.0
 24  07/18/2016 09:52          -----          0.0             0.0
 25  07/18/2016 09:53          -----          0.0             0.0
 26  07/18/2016 09:54          -----          0.0             0.0
 27  07/18/2016 09:55          -----          0.0             0.0
 28  07/18/2016 09:56          -----          0.0             0.0
 29  07/18/2016 09:57          -----          0.0             0.0
 30  07/18/2016 09:58          -----          0.0             0.0
 31  07/18/2016 09:59          -----          0.0             0.0
 32  07/18/2016 10:00          -----          0.0             0.0
 33  07/18/2016 10:01          -----          0.0             0.0
 34  07/18/2016 10:02          -----          0.0             0.0
 35  07/18/2016 10:03          -----          0.0             0.0
 36  07/18/2016 10:04          -----          0.0             0.0
 37  07/18/2016 10:05          -----          0.0             0.0
 38  07/18/2016 10:06          -----          0.0             0.0
 39  07/18/2016 10:07          -----          0.0             0.0
 40  07/18/2016 10:08          -----          0.0             0.0
 41  07/18/2016 10:09          -----          0.0             0.0
 42  07/18/2016 10:10          -----          0.0             0.0
 43  07/18/2016 10:11          -----          0.0             0.0
 44  07/18/2016 10:12          -----          0.0             0.0
 45  07/18/2016 10:13          -----          0.0             0.0
 46  07/18/2016 10:14          -----          0.0             0.0
 47  07/18/2016 10:15          -----          0.0             0.0
 48  07/18/2016 10:16          -----          0.0             0.0
 49  07/18/2016 10:17          -----          0.0             0.0
 50  07/18/2016 10:18          -----          0.0             0.0
 51  07/18/2016 10:19          -----          0.0             0.0
 52  07/18/2016 10:20          -----          0.0             0.0
 53  07/18/2016 10:21          -----          0.0             0.0
 54  07/18/2016 10:22          -----          0.0             0.0
 55  07/18/2016 10:23          -----          0.0             0.0
 56  07/18/2016 10:24          -----          0.0             0.0
 57  07/18/2016 10:25          -----          0.0             0.0
=====

```

58	07/18/2016	10:26	-----	0.0	0.0
59	07/18/2016	10:27	-----	0.0	0.0
60	07/18/2016	10:28	-----	0.0	0.0
61	07/18/2016	10:29	-----	0.0	0.0
62	07/18/2016	10:30	-----	0.0	0.0
63	07/18/2016	10:31	-----	0.0	0.0
64	07/18/2016	10:32	-----	0.0	0.0
65	07/18/2016	10:33	-----	0.0	0.0
66	07/18/2016	10:34	-----	0.0	0.0
67	07/18/2016	10:35	-----	0.0	0.0
68	07/18/2016	10:36	-----	0.0	0.0
69	07/18/2016	10:37	-----	0.0	0.0
70	07/18/2016	10:38	-----	0.0	0.0
71	07/18/2016	10:39	-----	0.0	0.0
72	07/18/2016	10:40	-----	0.0	0.0
73	07/18/2016	10:41	-----	0.0	0.0
74	07/18/2016	10:42	-----	0.0	0.0
75	07/18/2016	10:43	-----	0.0	0.0
76	07/18/2016	10:44	-----	0.0	0.0
77	07/18/2016	10:45	-----	0.0	0.0
78	07/18/2016	10:46	-----	0.0	0.0
79	07/18/2016	10:47	-----	0.0	0.0
80	07/18/2016	10:48	-----	0.0	0.0
81	07/18/2016	10:49	-----	0.0	0.0
82	07/18/2016	10:50	-----	0.0	0.0
83	07/18/2016	10:51	-----	0.0	0.0
84	07/18/2016	10:52	-----	0.0	0.0
85	07/18/2016	10:53	-----	0.0	0.0
86	07/18/2016	10:54	-----	0.0	0.0
87	07/18/2016	10:55	-----	0.0	0.0
88	07/18/2016	10:56	-----	0.0	0.0
89	07/18/2016	10:57	-----	0.0	0.0
90	07/18/2016	10:58	-----	0.0	0.0
91	07/18/2016	10:59	-----	0.0	0.0
92	07/18/2016	11:00	-----	0.0	0.0
93	07/18/2016	11:01	-----	0.0	0.0
94	07/18/2016	11:02	-----	0.0	0.0
95	07/18/2016	11:03	-----	0.0	0.0
96	07/18/2016	11:04	-----	0.0	0.0
97	07/18/2016	11:05	-----	0.0	0.0
98	07/18/2016	11:06	-----	0.0	0.0
99	07/18/2016	11:07	-----	0.0	0.0
100	07/18/2016	11:08	-----	0.0	0.0
101	07/18/2016	11:09	-----	0.0	0.0
102	07/18/2016	11:10	-----	0.0	0.0
103	07/18/2016	11:11	-----	0.0	0.0
104	07/18/2016	11:12	-----	0.0	0.0
105	07/18/2016	11:13	-----	0.0	0.0
106	07/18/2016	11:14	-----	0.0	0.0
107	07/18/2016	11:15	-----	0.0	0.0
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109	07/18/2016	11:17	-----	0.0	0.0
110	07/18/2016	11:18	-----	0.0	0.0
111	07/18/2016	11:19	-----	0.0	0.0
112	07/18/2016	11:20	-----	0.0	0.0
113	07/18/2016	11:21	-----	0.0	0.0
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116	07/18/2016	11:24	-----	0.0	0.0
117	07/18/2016	11:25	-----	0.0	0.0
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119	07/18/2016	11:27	-----	0.0	0.0
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121	07/18/2016	11:29	-----	0.0	0.0
122	07/18/2016	11:30	-----	0.0	0.0
123	07/18/2016	11:31	-----	0.0	0.0
124	07/18/2016	11:32	-----	0.0	0.0
125	07/18/2016	11:33	-----	0.0	0.0

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131	07/18/2016	11:39	-----	0.0	0.0
132	07/18/2016	11:40	-----	0.0	0.0
133	07/18/2016	11:41	-----	0.0	0.0
134	07/18/2016	11:42	-----	0.0	0.0
135	07/18/2016	11:43	-----	0.0	0.0
136	07/18/2016	11:44	-----	0.0	0.0
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151	07/18/2016	11:59	-----	0.0	0.0
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154	07/18/2016	12:02	-----	0.0	0.0
155	07/18/2016	12:03	-----	0.0	0.0
156	07/18/2016	12:04	-----	0.0	0.0
157	07/18/2016	12:05	-----	0.0	0.0
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166	07/18/2016	12:14	-----	0.0	0.0
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174	07/18/2016	12:22	-----	0.0	0.0
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191	07/18/2016	12:39	-----	0.0	0.0
192	07/18/2016	12:40	-----	0.0	0.0
193	07/18/2016	12:41	-----	0.0	0.0

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195	07/18/2016	12:43	-----	0.0	0.0
196	07/18/2016	12:44	-----	0.0	0.0
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252	07/18/2016	13:40	-----	0.0	0.0
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254	07/18/2016	13:42	-----	0.0	0.0
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271	07/18/2016	13:59	-----	0.0	0.0
272	07/18/2016	14:00	-----	0.0	0.0
273	07/18/2016	14:01	-----	0.0	0.0
274	07/18/2016	14:02	-----	0.0	0.0
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276	07/18/2016	14:04	-----	0.0	0.0
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280	07/18/2016	14:08	-----	0.0	0.0
281	07/18/2016	14:09	-----	0.0	0.0
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291	07/18/2016	14:19	-----	0.0	0.0
292	07/18/2016	14:20	-----	0.0	0.0
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294	07/18/2016	14:22	-----	0.0	0.0
295	07/18/2016	14:23	-----	0.0	0.0
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310	07/18/2016	14:38	-----	0.0	0.0
311	07/18/2016	14:39	-----	0.0	0.0
312	07/18/2016	14:40	-----	0.0	0.0
313	07/18/2016	14:41	-----	0.0	0.0
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331	07/18/2016	14:59	-----	0.0	0.0
332	07/18/2016	15:00	-----	0.0	0.0
333	07/18/2016	15:01	-----	0.0	0.0
334	07/18/2016	15:02	-----	0.0	0.0
335	07/18/2016	15:03	-----	0.0	0.0
336	07/18/2016	15:04	-----	0.0	0.0
337	07/18/2016	15:05	-----	0.0	0.0
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351	07/18/2016	15:19	-----	0.0	0.0
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364	07/18/2016	15:32	-----	0.0	0.0
365	07/18/2016	15:33	-----	0.0	0.0
366	07/18/2016	15:34	-----	0.0	0.0
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370	07/18/2016	15:38	-----	0.0	0.0
371	07/18/2016	15:39	-----	0.0	0.0
372	07/18/2016	15:40	-----	0.0	0.0
373	07/18/2016	15:41	-----	0.0	0.0
374	07/18/2016	15:42	-----	0.0	0.0
375	07/18/2016	15:43	-----	0.0	0.0
376	07/18/2016	15:44	-----	0.0	0.0
377	07/18/2016	15:45	-----	0.0	0.0
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391	07/18/2016	15:59	-----	0.0	0.0
392	07/18/2016	16:00	-----	0.0	0.0
393	07/18/2016	16:01	-----	0.0	0.0
394	07/18/2016	16:02	-----	0.0	0.0
395	07/18/2016	16:03	-----	0.0	0.0
396	07/18/2016	16:04	-----	0.0	0.0
397	07/18/2016	16:05	-----	0.0	0.0

398	07/18/2016	16:06	-----	0.0	0.0
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401	07/18/2016	16:09	-----	0.0	0.0
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403	07/18/2016	16:11	-----	0.0	0.0
404	07/18/2016	16:12	-----	0.0	0.0
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407	07/18/2016	16:15	-----	0.0	0.0
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409	07/18/2016	16:17	-----	0.0	0.0
410	07/18/2016	16:18	-----	0.0	0.0
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413	07/18/2016	16:21	-----	0.0	0.0
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422	07/18/2016	16:30	-----	0.0	0.0
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425	07/18/2016	16:33	-----	0.0	0.0
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433	07/18/2016	16:41	-----	0.0	0.0
434	07/18/2016	16:42	-----	0.0	0.0
435	07/18/2016	16:43	-----	0.0	0.0
436	07/18/2016	16:44	-----	0.0	0.0
437	07/18/2016	16:45	-----	0.0	0.0
438	07/18/2016	16:46	-----	0.0	0.0
439	07/18/2016	16:47	-----	0.0	0.0
440	07/18/2016	16:48	-----	0.0	0.0
441	07/18/2016	16:49	-----	0.0	0.0
442	07/18/2016	16:50	-----	0.0	0.0
443	07/18/2016	16:51	-----	0.0	0.0
444	07/18/2016	16:52	-----	0.0	0.0
445	07/18/2016	16:53	-----	0.0	0.0
446	07/18/2016	16:54	-----	0.0	0.0
447	07/18/2016	16:55	-----	0.0	0.0
448	07/18/2016	16:56	-----	0.0	0.0
449	07/18/2016	16:57	-----	0.0	0.0
450	07/18/2016	16:58	-----	0.0	0.0
451	07/18/2016	16:59	-----	0.0	0.0
452	07/18/2016	17:00	-----	0.0	0.0
453	07/18/2016	17:01	-----	0.0	0.0
454	07/18/2016	17:02	-----	0.0	0.0
455	07/18/2016	17:03	-----	0.0	0.0
456	07/18/2016	17:04	-----	0.0	0.0
457	07/18/2016	17:05	-----	0.0	0.0
458	07/18/2016	17:06	-----	0.0	0.0
459	07/18/2016	17:07	-----	0.0	0.0
460	07/18/2016	17:08	-----	0.0	0.0
461	07/18/2016	17:09	-----	0.0	0.0
462	07/18/2016	17:10	-----	0.0	0.0
463	07/18/2016	17:11	-----	0.0	0.0
464	07/18/2016	17:12	-----	0.0	0.0
465	07/18/2016	17:13	-----	0.0	0.0

466	07/18/2016	17:14	-----	0.0	0.0
467	07/18/2016	17:15	-----	0.0	0.0
468	07/18/2016	17:16	-----	0.0	0.0
469	07/18/2016	17:17	-----	0.0	0.0
470	07/18/2016	17:18	-----	0.0	0.0
471	07/18/2016	17:19	-----	0.0	0.0
472	07/18/2016	17:20	-----	0.0	0.0
473	07/18/2016	17:21	-----	0.0	0.0
474	07/18/2016	17:22	-----	0.0	0.0
475	07/18/2016	17:23	-----	0.0	0.0
476	07/18/2016	17:24	-----	0.0	0.0
477	07/18/2016	17:25	-----	0.0	0.0
478	07/18/2016	17:26	-----	0.0	0.0
479	07/18/2016	17:27	-----	0.0	0.0
480	07/18/2016	17:28	-----	0.0	0.0
481	07/18/2016	17:29	-----	0.0	0.0
482	07/18/2016	17:30	-----	0.0	0.0
483	07/18/2016	17:31	-----	0.0	0.0
484	07/18/2016	17:32	-----	0.0	0.0
485	07/18/2016	17:33	-----	0.0	0.0
486	07/18/2016	17:34	-----	0.0	0.0
487	07/18/2016	17:35	-----	0.0	0.0
488	07/18/2016	17:36	-----	0.0	0.0
489	07/18/2016	17:37	-----	0.0	0.0

INSPECTOR'S DAILY REPORT

Page of

CONTRACTOR: <u>Aqua Test</u>	JOB NO.:
CLIENT: <u>South Buffalo Charter School</u>	DATE: <u>7/19/14</u>

LOCATION: <u>154 South Ogden Ave. Site</u>	DAY: Su M Tu W Th F Sa
WEATHER: <u>overcast</u>	TEMP: <u>70's</u> °F
START: <u>1030</u>	END:

WORK PERFORMED:

1045 on site set up meters
 Aqua test Is Hand digging power
 line into SW corner of Bldg
 set up meters SE corner of project
 wind NW, 10-15

~~1130~~

1130 left site

1600 - Aqua test was finishing sprinkler testing
 and Raking up loose Cap soils, All soil
 were taken to cover soil pile in back, battery
 was Recharged on DustRac upon arrival

1615 Took Down meters left site

TEST PERFORMED:	QA PERSONNEL:
	SIGNATURE: <u>TAB</u>

COMMUNITY AIR MONITORING DAILY LOG

Date: 7/12/16
 Project: Sprinkler Install
 Job No.: 024-016-015
 Client: South Buffalo Chevrolet

WEATHER CONDITIONS:

Time of Day:	<u>1040</u> A.M.	<u>1615</u> P.M.
Ambient Air Temp.:	<u>Low 70's</u>	<u>mid 80's</u>
Wind Direction:	<u>NW</u>	<u>NW</u>
Wind Speed:	<u>10-15</u>	<u>10-15 mph</u>
Precipitation:	<u>None</u>	<u>None</u>

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

DESCRIPTION OF SITE ACTIVITIES: sprinkler Install

PARTICULATE MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 100 ug/m3 ¹			<u>None</u>		
Exceedence of 150 ug/m3 ¹			<u>None</u>		
Visual Observation of Fugitive Dust			<u>NA</u>		
			<u>NA</u>		
			<u>NA</u>		

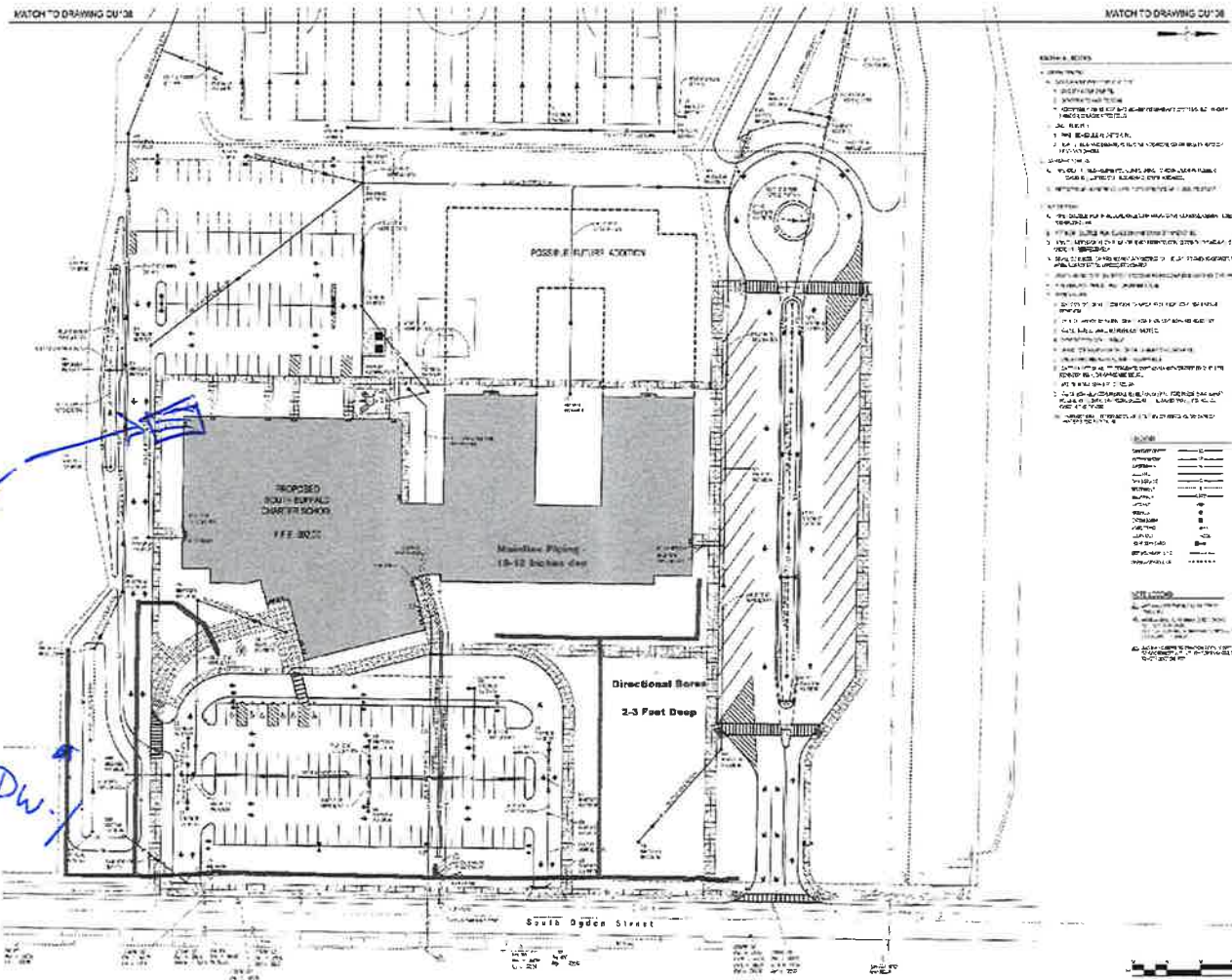
VOC MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 5 ppm ¹			<u>None</u>		Temporarily halt Work and continue monitoring
Reading of 5 to 25 ppm ¹			<u>None</u>		Temporarily halt Work, abate emissions with corrective actions and continue monitoring ³
Exceedence of 25 ppm ²			<u>None</u>		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: TAS Date: 7/12/16
 Checked By: _____ Date: _____

By
+ P.M.
wind



West

Dw. 1

- SECTION NOTES**
1. SEE DRAWING FOR ALL DIMENSIONS.
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- SCALE**
- 1" = 10'-0"
- DATE**
- 10/10/10
- BY**
- J. J. J.
- CHECKED**
- J. J. J.
- APPROVED**
- J. J. J.



SOUTH BUFFALO CHARTER SCHOOL
 1000 SOUTH OGDEN STREET
 SINGLEWIDER ARCHITECTURE PROJECT 11/10

UTILITY PLAN
 EAST
 CU107

Test 001

Instrument		Data Properties	
Model	SidePak Aerosol Monitor	Start Date	07/19/2016
Meter S/N	11106036	Start Time	10:50:34
		Stop Date	07/19/2016
		Stop Time	14:50:34
		Total Time	0:04:00:00
		Logging Interval	900 seconds

Statistics	
	Aerosol
Avg	0.007 mg/m ³
Max	0.008 mg/m ³
Max Date	07/19/2016
Max Time	13:35:34
Min	0.006 mg/m ³
Min Date	07/19/2016
Min Time	11:05:34
TWA (8 hr)	0.004
TWA Start Date	07/19/2016
TWA Start Time	10:50:34
TWA End Time	14:50:34

Test Data			
Data Point	Date	Time	Aerosol mg/m ³
1	07/19/2016	11:05:34	0.006
2	07/19/2016	11:20:34	0.006
3	07/19/2016	11:35:34	0.006
4	07/19/2016	11:50:34	0.006
5	07/19/2016	12:05:34	0.007
6	07/19/2016	12:20:34	0.007
7	07/19/2016	12:35:34	0.007
8	07/19/2016	12:50:34	0.007
9	07/19/2016	13:05:34	0.007
10	07/19/2016	13:20:34	0.007
11	07/19/2016	13:35:34	0.008
12	07/19/2016	13:50:34	0.008
13	07/19/2016	14:05:34	0.008
14	07/19/2016	14:20:34	0.008
15	07/19/2016	14:35:34	0.008
16	07/19/2016	14:50:34	0.007

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 006938
User ID: PID 1 Site ID: PID 1707
Data Points: 328 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 07/01/2016 14:12
Start At: 07/19/2016 10:47 End At: 07/19/2016 16:14

```
=====
```

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels:	100.0	100.0	100.0
Low Alarm Levels:	50.0	50.0	50.0
STEL Alarm Levels:	25.0	25.0	25.0
TWA Alarm Levels:	5.0	5.0	5.0

```
=====
```

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
Peak Data Value:	-----	0.0	0.0
Min Data Value:	-----	0.0	0.0
TWA Data Value:	-----	0.0	0.0
AVG Data Value:	-----	0.0	0.0

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=====
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Instrument: MiniRAE 2000 (PGM7600)

Serial Number: 006938

User ID: PID 1

Site ID: PID 1707

Data Points: 328

Gas Name: Isobutylene

Sample Period: 60 sec

Last Calibration Time: 07/01/2016 14:12

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=====
Measurement Type:
Alarm Type:          STEL      TWA      AVG      STEL      TWA      AVG      STEL      TWA      AVG
Alarm Levels:        25.0    5.0     25.0    5.0     25.0    5.0     25.0    5.0
=====

```

Line#	Date	Time	Min(ppm)			Avg(ppm)			Max(ppm)		
			STEL	TWA	AVG	STEL	TWA	AVG	STEL	TWA	AVG
1	07/19/2016	10:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
2	07/19/2016	10:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
3	07/19/2016	10:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
4	07/19/2016	10:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
5	07/19/2016	10:51	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
6	07/19/2016	10:52	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
7	07/19/2016	10:53	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
8	07/19/2016	10:54	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
9	07/19/2016	10:55	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
10	07/19/2016	10:56	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
11	07/19/2016	10:57	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
12	07/19/2016	10:58	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
13	07/19/2016	10:59	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
14	07/19/2016	11:00	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
15	07/19/2016	11:01	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
16	07/19/2016	11:02	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
17	07/19/2016	11:03	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
18	07/19/2016	11:04	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
19	07/19/2016	11:05	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
20	07/19/2016	11:06	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
21	07/19/2016	11:07	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
22	07/19/2016	11:08	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
23	07/19/2016	11:09	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
24	07/19/2016	11:10	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
25	07/19/2016	11:11	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
26	07/19/2016	11:12	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
27	07/19/2016	11:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
28	07/19/2016	11:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
29	07/19/2016	11:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
30	07/19/2016	11:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
31	07/19/2016	11:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
32	07/19/2016	11:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
33	07/19/2016	11:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
34	07/19/2016	11:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
35	07/19/2016	11:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
36	07/19/2016	11:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
37	07/19/2016	11:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
38	07/19/2016	11:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
39	07/19/2016	11:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
40	07/19/2016	11:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
41	07/19/2016	11:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
42	07/19/2016	11:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
43	07/19/2016	11:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
44	07/19/2016	11:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
45	07/19/2016	11:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
46	07/19/2016	11:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
47	07/19/2016	11:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
48	07/19/2016	11:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
49	07/19/2016	11:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
50	07/19/2016	11:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
51	07/19/2016	11:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
52	07/19/2016	11:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
53	07/19/2016	11:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
54	07/19/2016	11:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
55	07/19/2016	11:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

328 07/19/2016 16:14 ----- ----- ----- 0.0 0.0 0.0 0.0 0.0 0.0

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 006938

User ID: PID 1 Site ID: PID 1707

Data Points: 328 Gas Name: Isobutylene Sample Period: 60 sec

Last Calibration Time: 07/01/2016 14:12

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=====
Measurement Type:          Min(ppm)          Avg(ppm)          Max(ppm)
High Alarm Levels:         100.0          100.0          100.0
Low Alarm Levels:          50.0           50.0           50.0
=====
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Line#      Date   Time           Min(ppm)          Avg(ppm)          Max(ppm)
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Line#	Date	Time	Min(ppm)	Avg(ppm)	Max(ppm)
1	07/19/2016	10:47	-----	0.0	0.0
2	07/19/2016	10:48	-----	0.0	0.0
3	07/19/2016	10:49	-----	0.0	0.0
4	07/19/2016	10:50	-----	0.0	0.0
5	07/19/2016	10:51	-----	0.0	0.0
6	07/19/2016	10:52	-----	0.0	0.0
7	07/19/2016	10:53	-----	0.0	0.0
8	07/19/2016	10:54	-----	0.0	0.0
9	07/19/2016	10:55	-----	0.0	0.0
10	07/19/2016	10:56	-----	0.0	0.0
11	07/19/2016	10:57	-----	0.0	0.0
12	07/19/2016	10:58	-----	0.0	0.0
13	07/19/2016	10:59	-----	0.0	0.0
14	07/19/2016	11:00	-----	0.0	0.0
15	07/19/2016	11:01	-----	0.0	0.0
16	07/19/2016	11:02	-----	0.0	0.0
17	07/19/2016	11:03	-----	0.0	0.0
18	07/19/2016	11:04	-----	0.0	0.0
19	07/19/2016	11:05	-----	0.0	0.0
20	07/19/2016	11:06	-----	0.0	0.0
21	07/19/2016	11:07	-----	0.0	0.0
22	07/19/2016	11:08	-----	0.0	0.0
23	07/19/2016	11:09	-----	0.0	0.0
24	07/19/2016	11:10	-----	0.0	0.0
25	07/19/2016	11:11	-----	0.0	0.0
26	07/19/2016	11:12	-----	0.0	0.0
27	07/19/2016	11:13	-----	0.0	0.0
28	07/19/2016	11:14	-----	0.0	0.0
29	07/19/2016	11:15	-----	0.0	0.0
30	07/19/2016	11:16	-----	0.0	0.0
31	07/19/2016	11:17	-----	0.0	0.0
32	07/19/2016	11:18	-----	0.0	0.0
33	07/19/2016	11:19	-----	0.0	0.0
34	07/19/2016	11:20	-----	0.0	0.0
35	07/19/2016	11:21	-----	0.0	0.0
36	07/19/2016	11:22	-----	0.0	0.0
37	07/19/2016	11:23	-----	0.0	0.0
38	07/19/2016	11:24	-----	0.0	0.0
39	07/19/2016	11:25	-----	0.0	0.0
40	07/19/2016	11:26	-----	0.0	0.0
41	07/19/2016	11:27	-----	0.0	0.0
42	07/19/2016	11:28	-----	0.0	0.0
43	07/19/2016	11:29	-----	0.0	0.0
44	07/19/2016	11:30	-----	0.0	0.0
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46	07/19/2016	11:32	-----	0.0	0.0
47	07/19/2016	11:33	-----	0.0	0.0
48	07/19/2016	11:34	-----	0.0	0.0
49	07/19/2016	11:35	-----	0.0	0.0
50	07/19/2016	11:36	-----	0.0	0.0
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54	07/19/2016	11:40	-----	0.0	0.0
55	07/19/2016	11:41	-----	0.0	0.0
56	07/19/2016	11:42	-----	0.0	0.0
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74	07/19/2016	12:00	-----	0.0	0.0
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77	07/19/2016	12:03	-----	0.0	0.0
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80	07/19/2016	12:06	-----	0.0	0.0
81	07/19/2016	12:07	-----	0.0	0.0
82	07/19/2016	12:08	-----	0.0	0.0
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85	07/19/2016	12:11	-----	0.0	0.0
86	07/19/2016	12:12	-----	0.0	0.0
87	07/19/2016	12:13	-----	0.0	0.0
88	07/19/2016	12:14	-----	0.0	0.0
89	07/19/2016	12:15	-----	0.0	0.0
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91	07/19/2016	12:17	-----	0.0	0.0
92	07/19/2016	12:18	-----	0.0	0.0
93	07/19/2016	12:19	-----	0.0	0.0
94	07/19/2016	12:20	-----	0.0	0.0
95	07/19/2016	12:21	-----	0.0	0.0
96	07/19/2016	12:22	-----	0.0	0.0
97	07/19/2016	12:23	-----	0.0	0.0
98	07/19/2016	12:24	-----	0.0	0.0
99	07/19/2016	12:25	-----	0.0	0.0
100	07/19/2016	12:26	-----	0.0	0.0
101	07/19/2016	12:27	-----	0.0	0.0
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103	07/19/2016	12:29	-----	0.0	0.0
104	07/19/2016	12:30	-----	0.0	0.0
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115	07/19/2016	12:41	-----	0.0	0.0
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118	07/19/2016	12:44	-----	0.0	0.0
119	07/19/2016	12:45	-----	0.0	0.0
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121	07/19/2016	12:47	-----	0.0	0.0
122	07/19/2016	12:48	-----	0.0	0.0
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151	07/19/2016	13:17	-----	0.0	0.0
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153	07/19/2016	13:19	-----	0.0	0.0
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166	07/19/2016	13:32	-----	0.0	0.0
167	07/19/2016	13:33	-----	0.0	0.0
168	07/19/2016	13:34	-----	0.0	0.0
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174	07/19/2016	13:40	-----	0.0	0.0
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176	07/19/2016	13:42	-----	0.0	0.0
177	07/19/2016	13:43	-----	0.0	0.0
178	07/19/2016	13:44	-----	0.0	0.0
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180	07/19/2016	13:46	-----	0.0	0.0
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194	07/19/2016	14:00	-----	0.0	0.0
195	07/19/2016	14:01	-----	0.0	0.0
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199	07/19/2016	14:05	-----	0.0	0.0
200	07/19/2016	14:06	-----	0.0	0.0
201	07/19/2016	14:07	-----	0.0	0.0
202	07/19/2016	14:08	-----	0.0	0.0
203	07/19/2016	14:09	-----	0.0	0.0
204	07/19/2016	14:10	-----	0.0	0.0
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207	07/19/2016	14:13	-----	0.0	0.0
208	07/19/2016	14:14	-----	0.0	0.0
209	07/19/2016	14:15	-----	0.0	0.0
210	07/19/2016	14:16	-----	0.0	0.0
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213	07/19/2016	14:19	-----	0.0	0.0
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215	07/19/2016	14:21	-----	0.0	0.0
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224	07/19/2016	14:30	-----	0.0	0.0
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236	07/19/2016	14:42	-----	0.0	0.0
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253	07/19/2016	14:59	-----	0.0	0.0
254	07/19/2016	15:00	-----	0.0	0.0
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256	07/19/2016	15:02	-----	0.0	0.0
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262	07/19/2016	15:08	-----	0.0	0.0
263	07/19/2016	15:09	-----	0.0	0.0
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265	07/19/2016	15:11	-----	0.0	0.0
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269	07/19/2016	15:15	-----	0.0	0.0
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271	07/19/2016	15:17	-----	0.0	0.0
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299	07/19/2016	15:45	-----	0.0	0.0
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June 21, 2016

Mr. TJ Pierce
Solid Waste Analyst
Chautauqua County Landfill
3889 Towerville Road
Jamestown, New York 14701

Re: 154 South Ogden, LLC. – Site No. C915268
Request for Solid Waste Permit Renewal

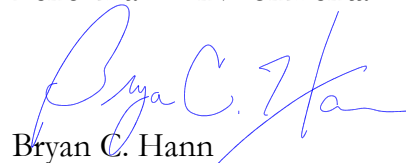
Mr. Pierce:

On behalf of our client, 154 South Ogden, LLC., Benchmark Environmental Engineering & Science, PLLC (Benchmark) is requesting disposal of an additional 25 cubic yards (CYs) of soil under Chautauqua County Landfill (CCLF) permit number CC0418.13S1 which covers the disposal of non-hazardous soil/fill from the 154 South Ogden, LLC's Brownfield Cleanup Program (BCP) property located at 154 South Ogden Street, Buffalo, NY. The request for renewal of our CCLF permit is based on additional intrusive work scheduled at the Site this summer.

Per our original application the material is elevated in arsenic as compared to rural background, but is not characteristically hazardous. No changes in site conditions relative to soil quality have occurred since our original disposal permit application was filed. The soil/fill will be excavated and hauled to the CCLF by a licensed 9A-hauler (to be determined).

Please contact us if you have any questions.

Sincerely,
Benchmark Environmental Engineering & Science, PLLC



Bryan C. Hann
Project Manager

File: 0249-016-015

Strong Advocates, Effective Solutions, Integrated Implementation

www.benchmarkturnkey.com

2558 Hamburg Turnpike, Suite 300 | Buffalo, NY 14218
phone: (716) 856-0599 | fax: (716) 856-0583



CHAUTAUQUA COUNTY DEPARTMENT OF PUBLIC FACILITIES
DIVISION OF SOLID WASTE

Vincent W. Horrigan
County Executive

George P. Spanos, P.E.
Director of Public Facilities

June 22, 2016

154 South Ogden, LLC.
c/o Benchmark Environmental Engineering
2558 Hamburg Turnpike, Suite 300
Buffalo, New York 14218

Attention: Bryan Hann, Project Manager

Reference: Special Waste Stream – Contaminated Soil
Permit: CC0418.13S1 [One Time Disposal Permit Extension]
Facility: **154 South Ogden, LLC.**, 154 South Ogden St., Buffalo, NY 14210
Expiration Date: 12/31/16

Dear Mr. Hann:

This department has reviewed this permit for disposal of contaminated soil including laboratory analysis and per your request we're extending that permit for 2016 for less than 50 tons. Based upon this information, this waste is acceptable for disposal at our Chautauqua County Landfill (CCLF) up to and including the above referenced date.

A copy of this correspondence must be presented to our scale operator with **EACH LOAD** of material entering our facility. We have enclosed a copy of the executed NYSDEC application for your records. It should be noted that your waste transporter must have an approved hauling permit for transport to this facility. In the event significant changes in information presented on the above referenced application occur, you shall immediately notify this department in writing. Such changes shall include but not be limited to: change in process, change in facility name or address, change in waste composition, and/or change in hauler.

Thank you for choosing our facility for your disposal needs. If you have any questions, please contact me (telephone extension 203).

Sincerely,

Tracy Pierce, "TJ"
Solid Waste Analyst

Enclosure

cc: NYSDEC & Permit-Generator Files (Ltr, App. Frm); CCLF: Scale & A/R (Ltr);

Office Use Only

Bill to: 486

Generator: 154 South Ogden, LLC

Hauler: Zoladz [486]

Material: SOIL O

Origin: Erie County, NY

Site: 154 South Ogden Street, NY 14210

June 21, 2016

Mr. TJ Pierce
Solid Waste Analyst
Chautauqua County Landfill
3889 Towerville Road
Jamestown, New York 14701

Re: 154 South Ogden, LLC. – Site No. C915268
Request for Solid Waste Permit Renewal


Mr. Pierce:

On behalf of our client, 154 South Ogden, LLC., Benchmark Environmental Engineering & Science, PLLC (Benchmark) is requesting disposal of an additional 25 cubic yards (CYs) of soil under Chautauqua County Landfill (CCLF) permit number CC0418.13S1 which covers the disposal of non-hazardous soil/fill from the 154 South Ogden, LLC's Brownfield Cleanup Program (BCP) property located at 154 South Ogden Street, Buffalo, NY. The request for renewal of our CCLF permit is based on additional intrusive work scheduled at the Site this summer.

Per our original application the material is elevated in arsenic as compared to rural background, but is not characteristically hazardous. No changes in site conditions relative to soil quality have occurred since our original disposal permit application was filed. The soil/fill will be excavated and hauled to the CCLF by a licensed 9A-hauler (to be determined).

Please contact us if you have any questions.

Sincerely,
Benchmark Environmental Engineering & Science, PLLC


Bryan C. Hann
Project Manager

File: 0249-016-015

Strong Advocates, Effective Solutions, Integrated Implementation

www.benchmarkturnkey.com

2558 Hamburg Turnpike, Suite 300 | Buffalo, NY 14218
phone: (716) 856-0599 | fax: (716) 856-0583

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF SOLID AND HAZARDOUS WASTE • BUREAU OF HAZARDOUS WASTE
 OPERATIONS
 50 WOLF ROAD, ALBANY, NEW YORK 12233-4017

APPLICATION FOR TREATMENT OR DISPOSAL
 OF AN INDUSTRIAL WASTE STREAM

SEE APPLICATION INSTRUCTIONS ON REVERSE SIDE

FOR STATE USE ONLY		
SITE NO. 07S12	APPLICATION NO. 0001213 51	DATE RECEIVED 4/17/13
DEPARTMENT ACTION <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved		DATE 4/19/13

1. NAME OF PROJECT/FACILITY Chautauqua County Landfill		2. COUNTY Chautauqua		3. SITE NUMBER 07S12	
4. NAME OF OWNER Chautauqua County		5. ADDRESS (Street, City, State, Zip Code) 3889 Towerville Road Jamestown, NY 14701		6. TELEPHONE NO. (716) 985-4785	
7. NAME OF OPERATOR Dept. of Public Facilities		8. ADDRESS (Street, City, State, Zip Code) Same		9. TELEPHONE NO. (716) 985-4785	
10. METHOD OF TREATMENT OR DISPOSAL Sanitary Landfill - D90					
11. COMPANY GENERATING WASTE 154 South Ogden LLC			12. ADDRESS OF FACILITY GENERATING WASTE (Street, City, State, Zip Code) 154 South Ogden Buffalo NY 14210		
13. REPRESENTATIVE OF WASTE GENERATOR Benchmark Environmental Inc		14. MAILING ADDRESS OF REPRESENTATIVE 2558 Hamburg Turnpike Suite 300 Buffalo NY 14218		15. TELEPHONE NO. (716) 856-0599	
16. DESCRIPTION OF PROCESS PRODUCING WASTE Excavation of Non-hazardous Soil/Fill					
17. EXPECTED ANNUAL WASTE PRODUCTION 3,000 Tons/Year (1 Time) Gallons/Year			18. WASTE HAULED IN <input type="checkbox"/> Drums <input type="checkbox"/> Bulk Tank <input type="checkbox"/> Roll-Off Container <input checked="" type="checkbox"/> Other Tandems		
19a. WASTE COMPOSITION 19a. Average Percent Solids 70%		19b. PHYSICAL STATE <input type="checkbox"/> Liquid <input type="checkbox"/> Slurry <input type="checkbox"/> Sludge <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Contained Gas		19c. pH Range 8 to 10	
19. COMPONENTS					
			CONCENTRATION (Dry Weight)		
			Upper %	Lower %	Typical %
1) Soil			80%	70%	75%
2) Fill (Construction Debris)			30%	20%	25%
3)					
4)					
20. IS AN ANALYSIS OF WASTE ATTACHED? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		21. WAS A TCLP TEST CONDUCTED ON THE WASTE? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If "Yes", attach results		22. MATERIAL IS: <input type="checkbox"/> Hazardous <input type="checkbox"/> Non-Hazardous	
23. DETAIL ALL HAZARD AND NUISANCE PROBLEMS ASSOCIATED WITH THE WASTES. List necessary safety, handling, treatment, and disposal precautions. Elevated SVOC (Primarily PAH's) & lead, and petroleum concentrations as compared to Rural Background					
24. WHERE WAS MATERIAL DISPOSED OF PREVIOUSLY?					
25. NAME OF WASTE TRANSPORTER Zolade Construction Co.		26. ADDRESS (Street, City, State, Zip Code) 13600 Rail Road St. Aiken NY 14034		27. NYSDEC PERMIT NO. 9A499	28. TELEPHONE NO. (716) 937-6579
29. CERTIFICATION I hereby affirm under penalty of perjury that information provided on this form and attached statements and exhibits is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.					
a. SIGNATURE AND TITLE OF REPRESENTATIVE OF WASTE GENERATOR X Thomas Fisher Agent for 154 So Ogden, LLC				DATE 4-16-13	
b. SIGNATURE AND TITLE OF REPRESENTATIVE OF TREATMENT OR DISPOSAL FACILITY X T-Jay Pierce Solid Waste Analyst				DATE 4/17/13	

CHAUTAUQUA COUNTY LANDFILL
 3889 Towerville Road
 Jamestown, New York 14701

000486 ZOLADZ CONSTRUCTION COMPANY
 13600 RAILROAD STREET
 ALDEN NY 14004

SITE	TICKET	GRID		WEIGHMASTER	
02	197280	9		CHRIS GOODWILL	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
07/28/16	07/28/16	09:44	09:57		
REFERENCE			ORIGIN		
041813S1			ERIE COUNTY (NY)		

Scale 1 Gross Wt. 30000 LB
 Scale 1 Tare Wt. 28280 LB
 Net Weight 1720 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
0.86	TON	Soil Contam OutCo				

Operating hours 7:30 AM to 3:30 PM Monday thru Friday.

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.
 Telephone (716) 985-4785

Driver 154 SOUTH OGDEN LLC MIKE
 Generator 2219 SOUTH PARK AVENUE
 Comment BUFFALO, NY 14220

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

WW6T1 TO REORDER CONTACT CAROLINA SOFTWARE (910) 799-6767 SIGNATURE _____

CHAUTAUQUA COUNTY LANDFILL
 3889 Towerville Road
 Jamestown, New York 14701

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Truck #

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

(716) 856-0599

SBCS #1 7/28/16

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

154 South Ogden, LLC.
154 South Ogden St
Buffalo NY 14210

6. Transporter 1 Company Name

U.S. EPA ID Number

Zaladz Construction Co

9A-499

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

U.S. EPA ID Number

Facility's Phone:

Chautauque County Landfill

9. Waste Shipping Name and Description

10. Containers

11. Total Quantity

12. Unit Wt./Vol.

No.

Type

1. NON-Regulated soil/fill
CC0418.1351

1

DT

T

2.

3.

4.

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offoror's Printed/Typed Name

As Agent For
Thomas A Behrendt Generator

Signature

[Signature]

As Agent For Generator

Month Day Year
7 28 16

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Michael LAMARCAHA

Signature

[Signature]

Month Day Year
7 28 16

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Chris Goodwill

Signature

[Signature]

Month Day Year
7 28 16