



INVENTUM ENGINEERING, PC

July 29, 2020

Megan Kuczka
Environmental Program Specialist - 1
New York State Department of Environmental Conservation
270 Michigan Ave
Buffalo, NY 14203-2915

RE: Transmittal - Period Review Report
NFG – Buffalo Service Center
95 Fourth Street
Buffalo, New York

Dear Ms. Kuczka:

The Period Review Report for the operating environmental controls at Site V00362, OU-2A (School), OU-2B and OU-2C is enclosed. The only associated activity at the site is the operation of the fan system, annual inspection and maintenance of the sub-slab depressurization fan and the inspection of the concrete slab over the flowable fill that was placed in 2005.

The completed PRR is Enclosed as Attachment A, the Annual Inspection Form is enclosed as Attachment B, including Photographs taken during the inspection.

The system is operating as designed. No changes to the operations or annual inspection are recommended at this time.

Please feel free to call with any questions; +1.571.217.6761.

Respectfully submitted,

John P. Black, P.E.

Enclosures

*481 Carlisle Drive
Suite 202
Herndon, Virginia 20170*

Attachment A
Certification Form





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



Site No. **V00362** **Site Details** **Box 1**

Site Name **NFG - Buffalo Service Center**

Site Address: 95 Fourth Street Zip Code: 14202
City/Town: Buffalo
County: Erie
Site Acreage: 0.040

Reporting Period: July 22, 2019 to July 22, 2020

	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"/>
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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"/>
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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"/>
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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"/>
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Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? 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"/>
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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

SITE NO. V00362

Box 3

Description of Institutional Controls

Parcel

Owner

Institutional Control

110.12-1-23.11

City of Buffalo

Ground Water Use Restriction
Monitoring Plan
Site Management Plan

National Fuel Gas Buffalo Service Center Site: OU-2A (School), OU-2B, and OU-2C.

Groundwater is being monitored under the Site Management Plan for C915194 and C915195, dated October 2, 2006.

Box 4

Description of Engineering Controls

Parcel

Engineering Control

110.12-1-23.11

Vapor Mitigation

- 1) Inspection of the sub-slab depressurization/ vapor extraction system installed in the crawl space of Waterfront School. ✓
- 2) Inspection of concrete slab in the Waterfront School crawl space. ✓
- 3) Annual inspection of the vapor extraction system and concrete slab. ✓

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. V00362

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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

I John P. Black at 481 Carlisle Dr #202, Herndon
print name print business address VA, 20170

am certifying as Remedial Party (Owner or Remedial Party)

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

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

July 29, 2020
Date

IC/EC CERTIFICATIONS

Box 7

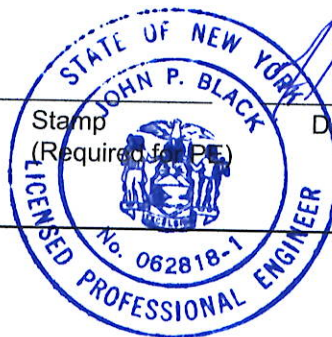
Qualified Environmental Professional Signature

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

John P. Black at 481 Carlisle Dr. #202, Herndon
print name print business address VA 20170

am certifying as a Qualified Environmental Professional for the Remediation Party
(Owner or Remedial Party)

John P. Black
Signature of Qualified Environmental Professional, for
the Owner or Remedial Party, Rendering Certification



Stamp

(Required for PE)

Date

11/29/2020

Attachment B

Inspection Log



Annual Inspection Form
Waterfront School Venting System/Concrete Condition
Buffalo, New York

Date: July 17, 2020

Inspector Name: John Black and Matt Reardon

Venting System

Fan



Yes



No

Operating?

Monometer Indicating Vacuum?



Yes



No

Stack Clear and Rain Cap in Place?



Yes



No

Remarks:

The weather has been very dry in the area for weeks. There had been some rain on Sunday July 15 and there was some standing water in the basement but not nearly as much as most years. The fan was operating and the monometer (Photograph No. 1) showed almost 2-inches of water column vacuum. The alarm was clear in the classroom above the fan (Photograph No. 2). The stack and raincap were in place and clear (Photograph No. 3).

Concrete Pad

Evaluation

(Take photographs of any noted conditions)

Significant Cracking?

No significant cracking (See Photographs
No. 4 to No. 6)
(hairline cracks are allowable and expected)

Spalling?

Very minor, none of concern, some areas
covered with fallen pipe insulation. Pipes and
insulation not associated with fan system.

Standing Water?

Approximately 20 to 30% with thin cover of
water. Water was clear, inspection of floor
through water was not obstructed.

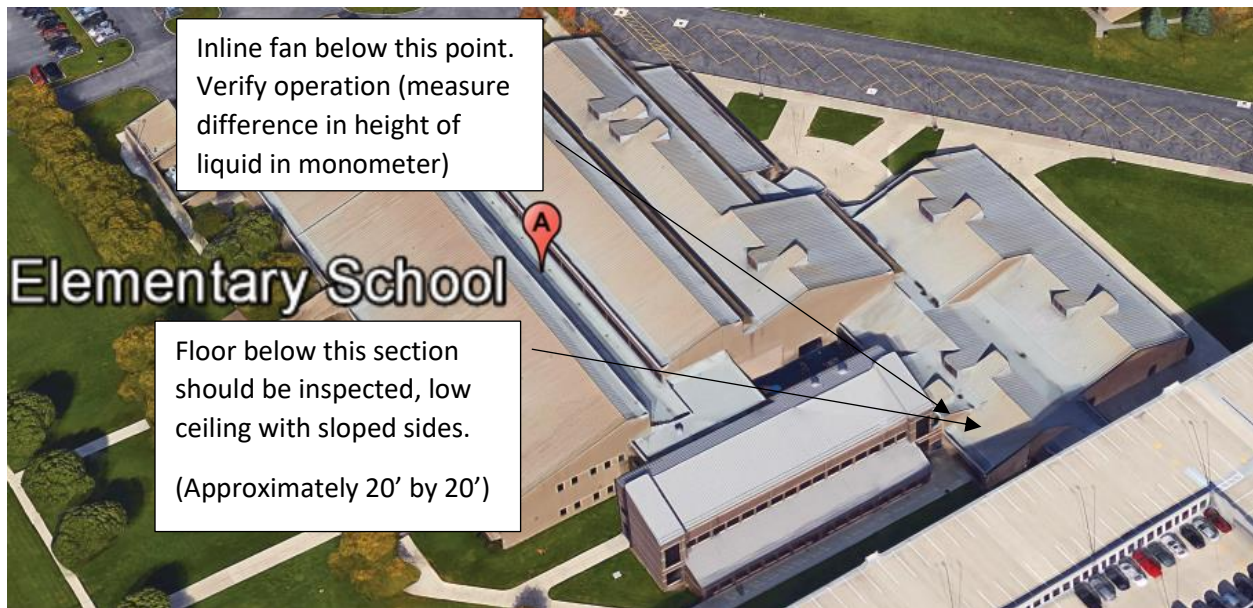
Observations (provide description and take photographs)

The floor is in good condition. There is some material that has fallen from
the overhead beams and other utility piping, but not enough to prevent complete
inspection. There was standing water in areas, but it was clear and did not
obstruct the inspection. The basement was much drier than typical and the area
of the slab over the former excavation was almost completely dry.

Contact Information

Please Contact John Black at 571.217.6761 if maintenance is required.

Inspection Location



Contact for appointment to enter:

Custodian

Waterfront Elementary School (BPS #95)

95 4th Street, Buffalo, NY 14201 ·

Phone: (716) 816-3900

Access:

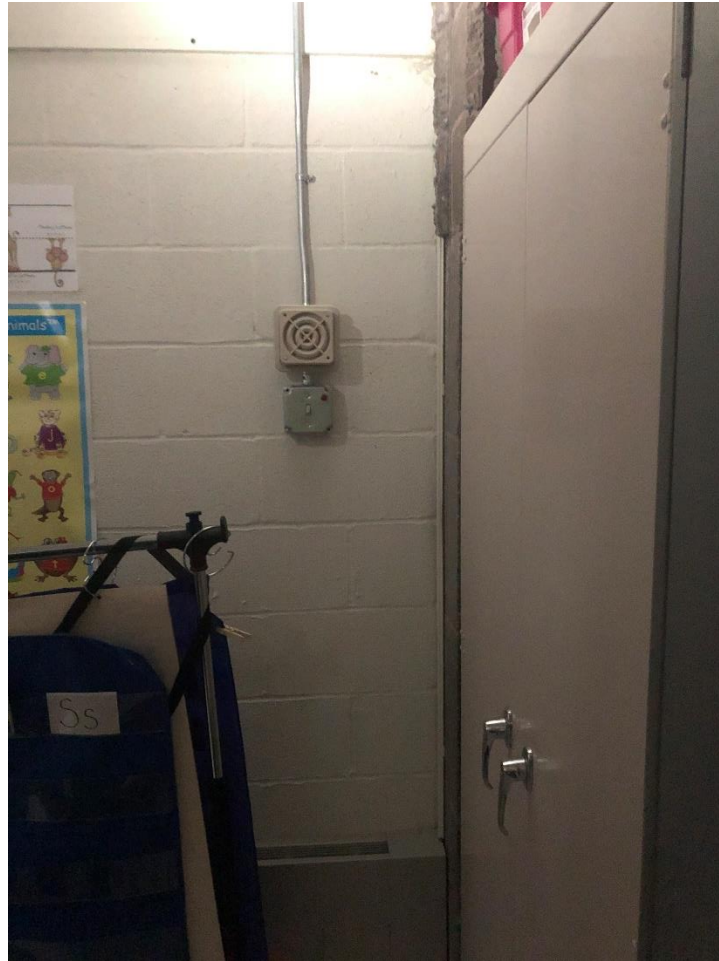
Check in at office at time of appointment with custodian. Basement access through floor opening to vertical ladder near maintenance garage.

Photographs



Photograph No. 1

Monometer on Fan Suction Pipe



Photograph No. 2
Alarm in Classroom 110



Photograph No. 3

Stack and Rain Cap



Photograph No. 4

Basement Floor



Photograph No. 5

Basement Floor



Photograph No. 6

Basement Floor