# ANNUAL SITE MANAGEMENT REPORT FROM MAY 2015 TO FEBRUARY 2018 METROPOLITAN AVENUE CAMPUS (Q686) 92-34 METROPOLITAN AVENUE FOREST HILLS, NY VCP AGREEMENT # V-00500-2

PREPARED FOR:



New York City Department of Education Office of Environmental Health and Safety 44-36 Vernon Blvd. Long Island City, New York 11101

PREPARED BY:



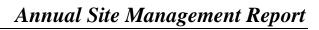
104 East 25<sup>th</sup> Street, 10<sup>th</sup> Floor New York, New York 10010-2917

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ATC Project No. Z214YI1025





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### PROJECT DIRECTORY

**CLIENT:** New York City Department of Education

Office of Environmental Health and Safety

44-36 Vernon Blvd.

Long Island City, New York 11101

(718) 361-3808

**PROJECT LOCATION:** Metropolitan Avenue Campus (Q686)

92-34 Metropolitan Avenue Forest Hills, New York

(718) 275-2593

PROJECT TECHNICAL SUPPORT New York State

Department of Environmental Conservation

One Hunters Point Plaza

47-40 21st Street

Long Island City, New York 11101

(718) 482-4065

New York City School Construction Authority

30-30 Thomson Avenue

Long Island City, New York 11101

(718) 472-8000

TRC Engineers, Inc.

1430 Broadway, 10<sup>th</sup> Floor New York, NY 10018

(212) 221-7822

**DESCRIPTION OF WORK:** Review site management plan; walk-through visual

inspection; review Vapor Barrier, Sub-slab Depressurization System and Cover System

Logbook; review prior reports.

ATC REPRESENTATIVES: Husam Zeidan, Inspector

Gilbert Gedeon, Inspector



#### **EXECUTIVE SUMMARY**

This Annual Site Management Report (SMR) for Metropolitan Avenue Campus (Q686), located at 92-34 Metropolitan Avenue, Forest Hills, NY covers the period from May 2015 to February 2018. This SMR addresses the requirements of the Site Management Plan (SMP) dated April 2010. The SMR also documents the most recent annual site refresher training and annual site inspection conducted on June 7, 2016; October 3, 2017; and February 21, 2018 pursuant to the New York State Department of Environmental Conservation (NYSDEC) approved SMP by ATC Group Services, LLC (ATC). In addition, ATC conducted follow-up visits on March 6, 2018 to conduct smoke testing, on September 17, 2018 to verify soil erosion and crack repairs, and on November 16, 2018 to verify replacement of the motor and blower sealed bearings.

The site inspection included an evaluation of engineering controls identified in the SMP, dated April 2010, which includes the vapor barrier, sub-slab depressurization system (SSDS) and cover system established at the site. In addition, ATC reviewed the custodial inspection monthly inspection forms. The Routine and Preventive Maintenance forms were not completed.

During the latest inspection, ATC observed that the SSDS fan was operational. The outlet pressure gauge was working properly. The Building Management System (BMS) was connected to the SSDS and functioning properly.

ATC observed minor hairline interior cracks in Rooms 0003 and 0005 located in the basement level. ATC revisited the site on March 6, 2018 and conducted smoke testing of the hairline cracks located in Rooms 0003 and 0005. The results of the smoke test indicated no potential vapor barrier leaks through the hairline crack.

ATC observed also exterior minor cracks on the roadway, sidewalk, artificial turf, tennis court and playground and some loose pavers around the building. Although these cracks are minor, ATC advised the custodial staff to repair or seal them to prevent further deterioration. ATC verified that these cracks were repaired on September 17, 2018.

Lastly, ATC observed partial bare soil areas adjacent to the northwest and southwest entrances of the school building (which were addressed on May 17<sup>th</sup> and June 13, 2018, respectively).

Based on the results of the annual site inspection and document review, ATC concludes that the ECs and ICs remain unchanged, are effective, and protect public health and the environment. However, at the time of the annual inspection ATC advised the custodial staff to:

1. Complete the semi-annual Routine and Preventive Maintenance forms.



#### 1.0 INTRODUCTION

On behalf of the New York City Department of Education Office of Environmental Health and Safety (NYCDOE/EHS), ATC is pleased to provide this SMR to NYSDEC for Q686 located at 92-34 Metropolitan Avenue in Forest Hills, NY 11375. The school opened in September 2010 and is currently attended by approximately 1,110 students. This report was completed in accordance with the SMP approved by the NYSDEC.

The scope of work for this service included:

- 1. Review of the school custodian's monthly inspection logs indicating his routine walk-through to identify any observed changes to the ECs and ICs;
- 2. SSDS blower unit inspection;
- 3. Basement inspection and exterior inspection for concrete cracks;
- 4. Review of SMP and the Operations and Maintenance Plan (O&M Plan); and
- 5. Photographic documentation of observations.

This report was developed to document: (a) any changes to the ECs and ICs, and (b) compliance of the maintenance and monitoring program with the requirements of the SMP. Mr. Husam Zeidan, under direct supervision of Mr. Gilbert Gedeon, Professional Engineer (PE), conducted the annual site inspection on June 7, 2016; October 3, 2017; and February 21, 2018. Annual site inspections were conducted by Mr. Husam Zeidan (June 7, 2016 and October 3, 2017) and Mr. Gilbert Gedeon, PE (October 3, 2017 and February 21, 2018). In addition, Mr. Gilbert Gedeon, PE conducted follow-up visits on March 6, 2018, September 17, 2018 and November 16, 2018. ATC met with and was accompanied by Mr. Eric Jackson, the school's Fireman.

#### 2.0 ENGINEERING CONTROLS

The Metropolitan Avenue Campus contains engineering controls that include a Gas Vapor Barrier, installed below the basement floor slab and along the exterior of subsurface basement walls, and an SSDS constructed beneath the concrete floor slab of the school to prevent vapor intrusion. In addition, a Composite Surface Cover System consisting of asphalt, concrete, pavers, synthetic turf, rubber play surface and environmentally clean soil cover was constructed to act as a barrier to direct contact with subsurface soils. A maintenance and monitoring program was developed to ensure that the ECs remain effective for the life of the building.

# 2.1 Vapor Barrier

The 60-mil fluid applied gas vapor barrier was installed beneath the school as a preventative measure to prevent soil vapors from entering the school building in the future. The vapor barrier is applied underneath the basement floor slab and the exterior of the subsurface portions of the building's walls.



# 2.2 Sub-Slab Depressurization System

An SSDS was also installed beneath the new school as an added safeguard to prevent soil gas vapors from entering the school building in the future. The primary components of the SSDS are slotted schedule 80 PVC piping located beneath the basement floor slab and extending to one (1) blower unit in the southern portion of the property.

# 2.3 <u>Composite Cover System</u>

A composite cover system was also installed on the school property to prevent school occupants from exposure to the underlying soils. This composite cover system is comprised of asphalt covered roads, concrete covered sidewalks, a resilient track surface, artificial turf, rubber surfacing, environmentally clean fill landscaped areas, and concrete building slabs.

#### 3.0 INSTITUTIONAL CONTROLS

The ICs at the Site state that the owner of the Property shall:

- Comply with the Declarations of Covenants and Restrictions (DCR) and comply with all elements of the SMP;
- Operate and maintain all ECs as per the SMP;
- Inspect, maintain, and certify the integrity of the cover system consisting of asphalt covered roads, concrete covered sidewalks, a resilient track surface, artificial turf, rubber surfacing, two feet of environmentally clean fill at landscaped areas and a concrete building floor slab as required by the SMP;
- Operate, inspect, maintain, and certify the soil vapor mitigation system consisting of a vapor barrier and an active SSDS under all enclosed building structures as required in the SMP;
- Inspect and certify all ECs at a frequency as defined in the SMP;
- Report data and information relevant to Site Management for the Property at the frequency and as defined in the SMP;
- Protect and replace groundwater monitoring wells as necessary to ensure the devices function in the manner specified in the SMP. <sup>1</sup>
- Refrain from discontinuing the ECs without an amendment or the extinguishment of the DCR;
- Prohibit farming and vegetable gardens on the Property;
- Prohibit the use of groundwater underlying the Property unless treatment is used rendering it safe for its intended purpose;
- Prohibit all future activities on the Property that will disturb underlying native soils unless conducted as defined in the soil management provisions of the SMP;
- Use the Property as a school campus or other commercial use provided all long-term ECs and ICs included in the SMP are employed;

<sup>&</sup>lt;sup>1</sup> NYSDEC approved the decommissioning of the groundwater monitoring wells on 5/1/13. The three (3) monitoring wells were decommissioned in accordance with NYSDEC Commissioner Policy 43 (CP-43).



- Prohibit the Property from being used for purposes other than a school without an amendment or the extinguishment of the DCR approved in writing by the NYSDEC; and
- Agree to submit to NYSDEC a written statement that certifies that: (1) controls employed at the 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 Property at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or at an alternate period of time that NYSDEC may allow. This annual statement must be certified by an expert that the NYSDEC finds acceptable.

# 4.0 SITE INSPECTIONS AND SSDS REPAIRS

# 4.1 Document Review

# 4.1.1 Review of Custodian's Inspection Logs

ATC reviewed the daily inspection logs and monthly inspection forms with the custodial staff from May 2015 through February 2018. Several monthly forms indicate minor cracks and other minor deterioration on the exterior including the roadway, sidewalk, tennis court and playground, and some loose pavers around the building (repaired on August 27, 2018). In addition to the above, NYSDEC requested that ATC investigate other items that were mentioned in the monthly inspection forms to evaluate if repairs are needed in order to meet SMP requirements. ATC revisited the site on June 13, 2018 and September 17, 2018 to assess the following concerns:

- Starting from May 2015, the monthly forms indicate that sunken grates were noted. During the February 2018 annual inspection, ATC noticed some minor cracks around the storm inlets, however, ATC did not observe any sunken grates/inlets. Based on the aforementioned, the grates/inlets do not require repair.
- Starting from January 2017, the monthly forms indicate a leak in Room 0069 as a result of some minor concrete work from late December 2016. ATC discussed the history of the leak and the concrete work. Custodial staff stated that the minor concrete work was part of sidewalk repairs for ADA compliance requirements. The leak was generally monitored and only observed during heavy rainfall in the form of minor dripping. Based on these discussions, ATC advised custodial staff to caulk around the perimeter of the leak area. ATC was informed by the custodian that recaulking around the perimeter of the leak area in Room 0069, were conducted on August 27, 2018. ATC verified these repairs during the September 17, 2018 follow-up visit.

The semi-annual Routine and Preventive Maintenance forms were not completed.

ATC advised the custodial staff to continue to complete the Monthly Inspection Forms on a monthly basis and immediately after a severe condition, and to repair the minor cracks observed



and noted. The Monthly Inspection Forms completed by the custodial staff are included in Attachment 2. As part of the annual inspection, ATC provided refresher training as well as a a copy of the Routine and Preventive Maintenance form for the custodial staff to complete moving forward. The training acknowledgement letter is included in Attachment 3.

# 4.2 **ATC's Visual Observations**

# Annual Inspections 2016-2018

On June 7, 2016; October 3, 2017; and February 21, 2018, ATC conducted visual observations and photographic documentation while accompanied by Mr. Eric Jackson. Site photographs are included in Attachment 4 and the Annual Inspection Form is included in Attachment 5. During the inspection, ATC noted the following:

- BMS has been fully commissioned;
- The SSDS fan was operational; and
- A spare fan unit is available at the school.

# 4.2.1 SSDS Inspection

# Annual Inspections 2016-2018

- 1. The SSDS fan was operational, however, per the O&M Plan, the blower sealed bearings require replacement every two years. As such, the motor and sealed bearing were replaced on November 7, 2018.
- 2. The SSDS indicator lights were operational;
- 3. All gauges were observed to be functioning except for the outlet pressure gauge during the 2017 and 2018 annual inspections. The outlet pressure gauge replaced on September 17, 2018;
- 4. Rust or other debris in the vicinity of the post, sleeve and discharge cap at the SSDS stack vent were not observed; and
- 5. Rust or other debris in the vicinity of the inline filter was not observed.

# 4.2.2 Basement Inspection

# Annual Inspections 2016-2018

ATC inspected the accessible areas of the basement floors and walls. ATC did not observe any visible concrete cracks penetrating into the basement floor during the annual inspection. ATC did not observe any cracks during the 2016 inspection. However, ATC observed minor hairline cracks in Rooms 0003 during the 2018 inspection and Room 0005 during the 2017 and 2018 inspections. As such, smoke testing was conducted in 2017 and 2018. ATC did not observe potential vapor barrier leaks through the hairline cracks. Although these cracks are not a concern, monitoring during monthly inspections is required for any significant change in the width of the cracks. Significant cracks observed during these inspections will require patching with cement or grout material.



In addition, the leak in Room 0069 thought to be associated with an exterior sidewalk repair for ADA accessibility was reportedly repaired on August 17, 2018. ATC verified these repairs during the September 17, 2018 follow-up inspection.

ATC's observation of the basement concrete floors was limited due to architectural finishes such as ceramic floor tiles, vinyl floor tiles, wood flooring and miscellaneous equipment and furniture.

# 4.2.3 Exterior Inspection

### Annual Inspections 2016-2018

ATC inspected the composite cover system around the perimeter of the property including the paved and unpaved areas. ATC observed minor cracks on the roadway, sidewalk, artificial turf, tennis court and playground; however these cracks do not compromise the cover system. Although these cracks are minor, ATC advised the custodial staff that these cracks should be monitored during monthly inspections for any significant change in the width of the cracks. Significant cracks observed during these inspections will require patching with cement or grout material. Some loose pavers were also observed throughout the main entrance to the Blue Building. ATC was informed that minor perimeter cracks and loose pavers were repaired/replaced on August 27, 2018. ATC verified these repairs during the September 17, 2018 follow-up inspection.

Custodial staff informed ATC that in February 2016, limited excavation activities were performed by a light pole on the roadway outside of Red Building. East Coast USA Construction, the contractors, performed limited excavation on the roadway to insert and connect wiring to a light pole. Once completed, the area was backfilled and new asphalt was applied.

Additionally, ATC observed (during the 2016 inspection) that the landscaped areas immediately adjacent to the perimeter wall of the school building were paved/covered with concrete slabs to prevent water accumulation.

No structures have been constructed on the unpaved areas. There were no signs of soil washing or erosion except for the landscaped areas adjacent to the northwest and southwest entrances of the school buildings (observed during the 2017 and 2018 inspections). These areas were addressed and verified during ATC's visit on June 13, 2018 as follows:

- Northwest corner of school (Red side): ATC was informed that three inches of top soil and mulch mix (250 square feet) were placed on May 17, 2018 along with planted vegetation to replace eroded soil.
- Southwest corner of school (Green side): ATC was informed that three inches of top soil and mulch mix (350 square feet) were placed on June 13, 2018 around existing vegetation.

According to the custodial staff, the mix was sourced from NYC Park and Recreations GreenThumb Program through a Grow to Learn NYC Mini-Grant.



ATC also inspected the artificial turf and observed no apparent holes, significant cracks or deterioration; except for minor cracks as noted above. All exterior cover systems were intact.

# 5.0 CONCLUSIONS AND RECOMMENDATIONS

Based on visual observations, ATC concludes the following:

- 1. The BMS has been fully commissioned;
- 2. The SSDS fan was operational. The motor and sealed bearings were replaced on November 7, 2018:
- 3. The SSDS outlet pressure gauge was replaced on September 17, 2018;
- 4. The minor hairline cracks on the floor of Rooms 0003 and 0005 were smoke tested in 2017 and 2018 and ATC did not observe potential vapor barrier leaks through the hairline crack;
- 5. Exterior minor cracks were observed on the roadways, sidewalks, artificial turf, tennis court and playground as well as some loose pavers observed sporadically around the building were repaired on August 27, 2018;
- 6. The landscaped areas immediately adjacent to the NW and SW entrances of the school building which had only bare soil were corrected with top soil and mulch on May 17 and June 13, 2018, respectively;
- 7. The perimeter of the leak area in Room 0069 was repaired on August 27, 2018;
- 8. The ICs and ECs are in place and remain effective;
- 9. The O&M Plan is being implemented;
- 10. No changes have occurred that would reduce the ability of the controls to protect public health and the environment; and
- 11. Access is available to the Site by NYSDEC and New York State Department of Health to evaluate continued maintenance of such controls.

Based on document review and visual observations, ATC recommends the following:

- 1. Monitor the hairline cracks observed in Rooms 0003 and 0005 during monthly inspections for any significant change in the width. Significant cracks observed during these inspections will require patching with cement or grout material; and
- 2. Conduct routine and preventative maintenance and document accordingly;
- 3. Continue documenting all operation and maintenance activities on ECs; and
- 4. Monthly and Severe Condition inspections should be continue to conducted and inspection logs should continue to be completed by the custodial staff.



#### 6.0 STANDARDS OF CARE

ATC's work was performed in a professional manner with the best interest of our client in mind. Our objective was to perform our work with care, exercising the customary skills and competence of consulting professionals in the relevant disciplines. The conclusions presented in this report are professional opinions based upon visual observations and site documents review. The conclusions expressed in this report reflect only the limited inspections of specific locations. The opinions and recommendations presented herein apply to site conditions existing at the time of our observations. ATC cannot act as insurers, and no expressed or implied representation or warrant is included or intended in our report except that our work was performed, within the limits prescribed by our clients, with the customary thoroughness and competence of our profession at the time and place the services were rendered.

It is our pleasure to provide our consultative services to the NYCDOE. If you have any questions about this report, please call (212) 353-8280.

Sincerely, *ATC GROUP SERVICES, LLC* 



Gilbert Gedeon, P.E. Principal Engineer

cc: Y. Efstathiou cc: H. Zeidan





# Attachment 1 Institutional and Engineering Controls Certification Form

#### NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation 625 Broadway, 11th Floor, Albany, NY 12233-7020 P: (518)402-9543 | F: (518)402-9547 www.dec.ny.gov

1/4/2018

Bernard Orlan
Director
NYC DOE - Division of School Facilities
44-36 Vernon Blvd.
Lic, NY 11101

Re: Reminder Notice: Site Management Periodic Review Report and IC/EC Certification Submittal

Site Name: Metropolitan Avenue Site

Site No.: V00500

Site Address: 87-01 69th Avenue & 92-34 Metropolitan Avenue

Forest Hills, NY 11375

#### Dear Bernard Orlan:

This letter serves as a reminder that sites in active Site Management (SM) require the submittal of a periodic progress report. This report, referred to as the Periodic Review Report (PRR), must document the implementation of, and compliance with, site specific SM requirements. Section 6.3(b) of DER-10 Technical Guidance for Site Investigation and Remediation (available online at http://www.dec.ny.gov/regulations/67386.html) provides guidance regarding the information that must be included in the PRR. Further, if the site is comprised of multiple parcels, then you as the Certifying Party must arrange to submit one PRR for all parcels that comprise the site. The PRR must be received by the Department no later than March 20, 2018. Guidance on the content of a PRR is enclosed.

Site Management is defined in regulation (6 NYCRR 375-1.2(at)) and in Chapter 6 of DER-10. Depending on when the remedial program for your site was completed, SM may be governed by multiple documents (e.g., Operation, Maintenance, and Monitoring Plan; Soil Management Plan) or one comprehensive Site Management Plan.

A Site Management Plan (SMP) may contain one or all of the following elements, as applicable to the site: a plan to maintain institutional controls and/or engineering controls ("IC/EC Plan"); a plan for monitoring the performance and effectiveness of the selected remedy ("Monitoring Plan"); and/or a plan for the operation and maintenance of the selected remedy ("O&M Plan"). Additionally, the technical requirements for SM are stated in the decision document (e.g., Record of Decision) and, in some cases, the legal agreement directing the remediation of the site (e.g., order on consent, voluntary agreement, etc.).

When you submit the PRR (by the due date above), include the enclosed forms documenting that all SM requirements are being met. The Institutional Controls (ICs) portion of the form (Box 6) must be signed by you or your designated representative. The Engineering Controls (ECs) portion of the form (Box 7) must be signed by a Professional Engineer (PE). If you cannot certify that all SM requirements are being met, you must submit a Corrective Measures Work Plan that identifies the actions to be taken to restore compliance. The work plan must include a schedule to be approved by the Department. The Periodic Review process will not be considered complete until all necessary corrective measures are completed and all required controls are certified. Instructions for completing the certifications are enclosed.



All site-related documents and data, including the PRR, are to be submitted in electronic format to the Department of Environmental Conservation. The Department will not approve the PRR unless all documents and data generated in support of that report have been submitted in accordance with the electronic submissions protocol. In addition, the certification forms are required to be submitted in both paper and electronic formats.

Information on the format of the data submissions can be found at: http://www.dec.ny.gov/regulations/2586.html

The signed certification forms should be sent to Ioana Munteanu-Ramnic, Project Manager, at the following address:

New York State Department of Environmental Conservation One Hunters Point Plaza 47-40 21 st Street Long Island City, NY 11101

Phone number: 718-482-4065. E-mail: ioana.munteanu-ramnic@dec.ny.gov

The contact information above is also provided so that you may notify the project manager about upcoming

**Enclosures** 

PRR General Guidance Certification Form Instructions Certification Forms

cc: w/ enclosures

City Of New York, SCA

ec: w/ enclosures

Ioana Munteanu-Ramnic, Project Manager
Jane O'Connell, Hazardous Waste Remediation Engineer, Region 2

#### Enclosure 1

#### **Certification Instructions**

# I. Verification of Site Details (Box 1 and Box 2):

Answer the three questions in the Verification of Site Details Section. The Owner and/or Qualified Environmental Professional (QEP) may include handwritten changes and/or other supporting documentation, as necessary.

# II. Certification of Institutional Controls/Engineering Controls (IC/ECs)(Boxes 3, 4, and 5)

- 1.1.1. Review the listed IC/ECs, confirming that all existing controls are listed, and that all existing controls are still applicable. If there is a control that is no longer applicable the Owner / Remedial Party should petition the Department separately to request approval to remove the control.
- 2. In Box 5, complete certifications for all Plan components, as applicable, by checking the corresponding checkbox.
- 3. If you <u>cannot</u> certify "YES" for each Control listed in Box 3 & Box 4, sign and date the form in Box 5. Attach supporting documentation that explains why the **Certification** cannot be rendered, as well as a plan of proposed corrective measures, and an associated schedule for completing the corrective measures. Note that this **Certification** form must be submitted even if an IC or EC cannot be certified; however, the certification process will not be considered complete until corrective action is completed.

If the Department concurs with the explanation, the proposed corrective measures, and the proposed schedule, a letter authorizing the implementation of those corrective measures will be issued by the Department's Project Manager. Once the corrective measures are complete, a new Periodic Review Report (with IC/EC Certification) must be submitted within 45 days to the Department. If the Department has any questions or concerns regarding the PRR and/or completion of the IC/EC Certification, the Project Manager will contact you.

#### III. IC/EC Certification by Signature (Box 6 and Box 7):

If you certified "YES" for each Control, please complete and sign the IC/EC Certifications page as follows:

- For the Institutional Controls on the use of the property, the certification statement in Box 6 shall be completed and may be made by the property owner or designated representative.
- For the Engineering Controls, the certification statement in Box 7 must be completed by a Professional Engineer or Qualified Environmental Professional, as noted on the 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.	V00500		
Sité Name N	letropolitan Avenue Site		
Site Address City/Town: F County: Quee Site Acreage	ens .		
Reporting Pe	riod: February 18, 2015 to February 18, 2018		
May	2015 to February 2018	YES	NO
1. Is the inf	ormation above correct?		
If NO, in	clude handwritten above or on a separate sheet.		
Has som tax map	ne or all of the site property been sold, subdivided, merged, or undergone a amendment during this Reporting Period?		V
3. Has the (see 6N	e been any change of use at the site during this Reporting Period YCRR 375-1.11(d))?		4
4. Have ar for or at	y federal, state, and/or local permits (e.g., building, discharge) been issued the property during this Reporting Period?		₩ .
if you a that do	nswered YES to questions 2 thru 4, include documentation or evidence cumentation has been previously submitted with this certification form.		
5. Is the si	te currently undergoing development?		
		Box 2	
7		YES	NO
	urrent site use consistent with the use(s) listed below?		
	Cs/ECs in place and functioning as designed?		
ſ	F THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.	and	
A Correctiv	ë Measures Work Plan must be submitted along with this form to address t	these is	sues.
Signature	f Owner. Remedial Party or Designated Representative Date		

SITE NO. V00500 Box 3

#### **Description of Institutional Controls**

Parcel

<u>Owner</u>

3886-800

City of New York, SCA

Institutional Control

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Building Use Restriction
Monitoring Plan
Site Management Plan
O&M Plan
IC/EC Plan

#### 2.2 ENGINEERING CONTROL COMPONENTS

2.2.1 Engineering Control Systems

2.2.1.1 Composite Cover System

The composite cover system is a required engineering control of the SMP. Installation of a composite cover system at the Site will prevent exposure to subsurface native soils

The composite cover system will be comprised of asphalt-covered roads, concrete-covered sidewalks, two feet of environmentally clean fill at landscaped areas, and a concrete building floor slab. In addition, recreational areas will be constructed which will consist of a resilient track surface, synthetic turf, and rubber surfacing. Figure 11 shows the location of each of the principal cover types to be built at the Site. Details of the principal cover types are provided in Figure 11A. A Soil Management Plan is included in Appendix F of the SMP, and outlines the procedures required in the event the composite cover system is disturbed. The Soil Management Plan is also discussed in 23

detail in Section 2.3.2 of the SMP. Issues related to maintenance of this cover are provided in the Monitoring Plan included in Section 4 of the SMP.

2.2.1.2 Vapor Barrier

A 60 mil vapor barrier will be installed beneath the school building as an added precaution to prevent any residual soil gas vapors from entering the school building in the future. The fluid applied vapor barrier will consist of Liquid Boot® or an approved NYCSCA equivalent which will be installed above the gravel layer containing the SSDS. Specifications and drawings regarding the installation of the vapor barrier are included in Appendix G of this SMP.

2.2.1.3 Sub Slab Depressurization System (SSDS)

A SSDS will also be installed beneath the school as an added precaution to prevent any residual soil gas vapors from entering the school building in the future. The SSDS will be installed beneath the vapor barrier and will be operated in an active mode until such time as it can be demonstrated to the satisfaction of the NYSDOH, that the system can be converted to the passive mode. Specifications and drawings regarding the installation of the SSDS are included as Appendix H of this SMP.

Procedures for operating and maintaining the SSDS system are documented in the Operation and Maintenance Plan (Section 4 of this SMP). Procedures for monitoring the system are included in the Monitoring Plan (Section 3 of this SMP). The Monitoring Plan also addresses severe condition inspections in the event that a severe condition, which may affect controls at the Site, has occurred.

2.2.2 Criteria for Completion of Remediation/Termination of Remedial Systems

2.2.2.1 Vapor Barrier

The vapor barrier is a permanent control which will be installed beneath the school building as an added precaution to prevent any residual soil gas vapors from entering the school building in the future. The vapor barrier will be placed above the gravel layer containing the SSDS. There is no monitoring or maintenance associated with the vapor barrier.

2.2.2.2 Sub Slab Depressurization System (SSDS)

An active SSDS system will also be installed beneath the school building as an added precaution to prevent any residual soil gas vapors from entering the school

building in the future. The SSDS will be installed beneath the vapor barrier and will be operated in an active mode until such time as it can be demonstrated to the satisfaction of the NYSDEC and the NYSDOH, that the system can be converted to the passive mode. The active SSDS will not be discontinued without written approval by NYSDEC and NYSDOH. A proposal to discontinue the active SSDS may be submitted by the property owner based on confirmatory data that justifies such request. Systems will remain in place and operational until permission to discontinue use is granted in writing by NYSDEC and NYSDOH.

2.2.2.3 Composite Cover System

The composite cover system is also a permanent control and the quality and integrity of this system will be inspected at defined, regular intervals in perpetuity. 2.2.2.4 Monitored Natural Attenuation

Groundwater monitoring activities to assess natural attenuation will continue, as determined by NYSDOH and NYSDEC, until residual groundwater concentrations are found to be below NYSDEC standards or to verify continued asymptotic conditions over an extended period. Monitoring will continue until permission to discontinue is granted in writing by NYSDEC and NYSDOH. Monitoring activities are outlined in the Monitoring Plan of the SMP.

# 2.3 INSTITUTIONAL CONTROLS COMPONENTS

2.3.1 Institutional Controls

A series of Institutional Controls are required under the SMP to: (1) implement, maintain and monitor Engineering Control systems and (2) prevent future exposure to residual contamination by controlling disturbances of the subsurface contamination: Adherence to these Institutional Controls on the Site (Controlled Property) is required under the Environmental Easement and will be implemented under this Site Management Plan. These Institutional Controls are:

. Compliance with the Environmental Easement by the Grantor and the Grantor's successors and assigns with all elements of this SMP;

25

- . All Engineering Controls must be operated and maintained as specified in this SMP;
- . A composite cover system consisting of asphalt covered roads, concrete covered sidewalks, a resilient track surface, synthetic turf, rubber surfacing, two feet of environmentally clean fill at landscaped areas, and a concrete building floor slab must be inspected, certified and maintained as required in this SMP;
- . A soil vapor mitigation system consisting of a vapor barrier and an active SSDS under all enclosed building structures must be inspected, certified, operated and maintained as required in this SMP;
- . All Engineering Controls on the Site must be inspected and certified at a frequency and in a manner defined in the SMP;
- . Data and information pertinent to Site Management for the Site must be reported at the frequency and in a manner defined in this SMP;
- . Groundwater and soil vapor monitoring must be performed as defined in this SMP;
- . Groundwater monitor wells and soil vapor monitoring points must be protected and replaced as necessary to ensure the devices function in the manner specified in this SMP, and;
- . Engineering Controls may not be discontinued without an amendment or the extinguishment of this Environmental Easement.

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 Site are:

. Vegetable gardens and farming on the Site are prohibited;

. The use of the groundwater underlying the Site is prohibited without treatment rendering it safe for intended purpose;

. All future activities on the Site that will disturb underlying soils are prohibited unless they are conducted in accordance with the soil management provisions in this SMP.

. The Site may only be used for a school campus provided that the long-term Engineering and Institutional Controls included in this SMP are employed;

. The Site may not be used for purposes other than a school without an

amendment or the extinguishment of this Environmental Easement approved in writing by the NYSDEC, and;

Grantor agrees to submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the Site 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 Site 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. This annual statement must be certified by an expert that the NYSDEC finds acceptable.

3886-830

City of New York, SCA

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Building Use Restriction
Monitoring Plan
Site Management Plan
O&M Plan
IC/EC Plan

#### 2.2 ENGINEERING CONTROL COMPONENTS

2.2.1 Engineering Control Systems

2.2.1.1 Composite Cover System

The composite cover system is a required engineering control of the SMP. Installation of a composite cover system at the Site will prevent exposure to subsurface native soils.

The composite cover system will be comprised of asphalt-covered roads, concrete-covered sidewalks, two feet of environmentally clean fill at landscaped areas, and a concrete building floor slab. In addition, recreational areas will be constructed which will consist of a resilient track surface, synthetic turf, and rubber surfacing. Figure 11 shows the location of each of the principal cover types to be built at the Site. Details of the principal cover types are provided in Figure 11A. A Soil Management Plan is included in Appendix F of the SMP, and outlines the procedures required in the event the composite cover system is disturbed. The Soil Management Plan is also discussed in 23

detail in Section 2.3.2 of the SMP. Issues related to maintenance of this cover are provided in the Monitoring Plan included in Section 4 of the SMP.

2.2.1.2 Vapor Barrier

A 60 mil vapor barrier will be installed beneath the school building as an added precaution to prevent any residual soil gas vapors from entering the school building in the future. The fluid applied vapor barrier will consist of Liquid Boot® or an approved NYCSCA equivalent which will be installed above the gravel layer containing the SSDS. Specifications and drawings regarding the installation of the vapor barrier are included in Appendix G of this SMP.

2.2.1.3 Sub Slab Depressurization System (SSDS)

A SSDS will also be installed beneath the school as an added precaution to prevent any residual soil gas vapors from entering the school building in the future. The SSDS will be installed beneath the vapor barrier and will be operated in an active mode until such time as it can be demonstrated to the satisfaction of the NYSDOH, that the system can be converted to the passive mode. Specifications and drawings regarding the installation of the SSDS are included as Appendix H of this SMP.

Procedures for operating and maintaining the SSDS system are documented in the Operation and Maintenance Plan (Section 4 of this SMP). Procedures for monitoring the system are included in the Monitoring Plan (Section 3 of this SMP). The Monitoring Plan also addresses severe condition inspections in the event that a severe condition, which may affect controls at the Site, has occurred.

2.2.2 Criteria for Completion of Remediation/Termination of Remedial Systems

2.2.2.1 Vapor Barrier

The vapor barrier is a permanent control which will be installed beneath the

school building as an added precaution to prevent any residual soil gas vapors from entering the school building in the future. The vapor barrier will be placed above the gravel layer containing the SSDS. There is no monitoring or maintenance associated with the vapor barrier.

2.2.2.2 Sub Slab Depressurization System (SSDS)

An active SSDS system will also be installed beneath the school building as an added precaution to prevent any residual soil gas vapors from entering the school

building in the future. The SSDS will be installed beneath the vapor barrier and will be operated in an active mode until such time as it can be demonstrated to the satisfaction of the NYSDEC and the NYSDOH, that the system can be converted to the passive mode. The active SSDS will not be discontinued without written approval by NYSDEC and NYSDOH. A proposal to discontinue the active SSDS may be submitted by the property owner based on confirmatory data that justifies such request. Systems will remain in place and operational until permission to discontinue use is granted in writing by NYSDEC and NYSDOH.

2.2.2.3 Composite Cover System

The composite cover system is also a permanent control and the quality and integrity of this system will be inspected at defined, regular intervals in perpetuity. 2.2.2.4 Monitored Natural Attenuation

Groundwater monitoring activities to assess natural attenuation will continue, as determined by NYSDOH and NYSDEC, until residual groundwater concentrations are found to be below NYSDEC standards or to verify continued asymptotic conditions over an extended period. Monitoring will continue until permission to discontinue is granted in writing by NYSDEC and NYSDOH. Monitoring activities are outlined in the Monitoring Plan of the SMP.

# 2.3 INSTITUTIONAL CONTROLS COMPONENTS

2.3.1 Institutional Controls

A series of Institutional Controls are required under the SMP to: (1) implement, maintain and monitor Engineering Control systems and (2) prevent future exposure to residual contamination by controlling disturbances of the subsurface contamination. Adherence to these Institutional Controls on the Site (Controlled Property) is required under the Environmental Easement and will be implemented under this Site Management Plan. These Institutional Controls are:

. Compliance with the Environmental Easement by the Grantor and the Grantor's successors and assigns with all elements of this SMP;

- . All Engineering Controls must be operated and maintained as specified in this SMP:
- . A composite cover system consisting of asphalt covered roads, concrete covered sidewalks, a resilient track surface, synthetic turf, rubber surfacing, two feet of environmentally clean fill at landscaped areas, and a concrete building floor slab must be inspected, certified and maintained as required in this SMP;
- . A soil vapor mitigation system consisting of a vapor barrier and an active SSDS under all enclosed building structures must be inspected, certified, operated and maintained as required in this SMP;
- . All Engineering Controls on the Site must be inspected and certified at a frequency and in a manner defined in the SMP;
- . Data and information pertinent to Site Management for the Site must be reported at the frequency and in a manner defined in this SMP;
- . Groundwater and soil vapor monitoring must be performed as defined in this
- . Groundwater monitor wells and soil vapor monitoring points must be protected and replaced as necessary to ensure the devices function in the manner specified in this SMP, and;
- . Engineering Controls may not be discontinued without an amendment or the extinguishment of this Environmental Easement.

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 Site are:

. Vegetable gardens and farming on the Site are prohibited;

. The use of the groundwater underlying the Site is prohibited without treatment rendering it safe for intended purpose:

. All future activities on the Site that will disturb underlying soils are prohibited unless they are conducted in accordance with the soil management provisions in this SMP;

- . The Site may only be used for a school campus provided that the long-term Engineering and Institutional Controls included in this SMP are employed; 26
- . The Site may not be used for purposes other than a school without an amendment or the extinguishment of this Environmental Easement approved in writing by the NYSDEC, and;
- . Grantor agrees to submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the Site 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 Site 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. This annual statement must be certified by an expert that the NYSDEC finds acceptable.

Box 4

#### **Description of Engineering Controls**

<u>Parcel</u>

**Engineering Control** 

3886-800

Vapor Mitigation Cover System Subsurface Barriers

3886-830

Vapor Mitigation Cover System Subsurface Barriers

BOX 2
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Periodic Review Report (PRR) Certification Statements
! certify by checking "YES" below that:
<ul> <li>a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;</li> </ul>
<ul> <li>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 compete.</li> </ul>
engineering practices, and the information proscribed to assurate and services. YES NO
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;
<ul><li>(b) nothing has occurred that would impair the ability of such Control, to protect public health an the environment;</li></ul>
<ul> <li>(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;</li> </ul>
<ul> <li>(d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and</li> </ul>
<ul> <li>(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.</li> </ul>
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. V00500

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.

BERNALD BRLAN	at 44-36 Vernon BLVD, LIC, print business address	Ny 11101,
am certifying as <u>OWNER</u>	·	er or Remedial Party)
for the Site)named in the Site Details Se	3/20	13

# IC/EC CERTIFICATIONS

Box 7

# Professional Engineer 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.

1. Gilbert Godpon at ATC Group Services, 1048, 25th NY, NY, 1001  print business address
am certifying as a Professional Engineer for the NVC Jept of Education (Owner or Remedial Party)
THE OF NEW STATE O
Signature of Professional Engineer, for the Owner of Signature of Signature of Professional Engineer, for the Owner of Signature of Professional Engineer, for the Owner of Signature of Sig

# Enclosure 3 Periodic Review Report (PRR) General Guidance

- I. Executive Summary: (1/2-page or less)
  - A. Provide a brief summary of site, nature and extent of contamination, and remedial history.
  - B. Effectiveness of the Remedial Program Provide overall conclusions regarding;
    - 1. progress made during the reporting period toward meeting the remedial objectives for the site
    - 2. the ultimate ability of the remedial program to achieve the remedial objectives for the site.
  - C. Compliance
    - 1. Identify any areas of non-compliance regarding the major elements of the Site Management Plan (SMP, i.e., the Institutional/Engineering Control (IC/EC) Plan, the Monitoring Plan, and the Operation & Maintenance (O&M) Plan).
    - 2. Propose steps to be taken and a schedule to correct any areas of non-compliance.
  - D. Recommendations
    - 1. recommend whether any changes to the SMP are needed
    - 2. recommend any changes to the frequency for submittal of PRRs (increase, decrease)
    - 3. recommend whether the requirements for discontinuing site management have been met.
- II. Site Overview (one page or less)
- A. Describe the site location, boundaries (figure), significant features, surrounding area, and the nature extent of contamination prior to site remediation.
  - B. Describe the chronology of the main features of the remedial program for the site, the components of the selected remedy, cleanup goals, site closure criteria, and any significant changes to the selected remedy that have been made since remedy selection.
- III. Evaluate Remedy Performance, Effectiveness, and Protectiveness

Using tables, graphs, charts and bulleted text to the extent practicable, describe the effectiveness of the remedy in achieving the remedial goals for the site. Base findings, recommendations, and conclusions on objective data. Evaluations and should be presented simply and concisely.

- IV. IC/EC Plan Compliance Report (if applicable)
  - A. IC/EC Requirements and Compliance
    - 1. Describe each control, its objective, and how performance of the control is evaluated.
    - 2. Summarize the status of each goal (whether it is fully in place and its effectiveness).
    - 3. Corrective Measures: describe steps proposed to address any deficiencies in ICECs.
    - 4. Conclusions and recommendations for changes.
  - B. IC/EC Certification
    - 1. The certification must be complete (even if there are IC/EC deficiencies), and certified by the appropriate party as set forth in a Department-approved certification form(s).
- V. Monitoring Plan Compliance Report (if applicable)
  - A. Components of the Monitoring Plan (tabular presentations preferred) Describe the requirements of the monitoring plan by media (i.e., soil, groundwater, sediment, etc.) and by any remedial technologies being used at the site.
  - B. Summary of Monitoring Completed During Reporting Period Describe the monitoring tasks actually completed during this PRR reporting period. Tables and/or figures should be used to show all data.
  - C. Comparisons with Remedial Objectives Compare the results of all monitoring with the remedial objectives for the site. Include trend analyses where possible.
  - D. Monitoring Deficiencies Describe any ways in which monitoring did not fully comply with the monitoring plan.
  - E. Conclusions and Recommendations for Changes Provide overall conclusions regarding the monitoring completed and the resulting evaluations regarding remedial effectiveness.
- VI. Operation & Maintenance (O&M) Plan Compliance Report (if applicable)
  - A. Components of O&M Plan Describe the requirements of the O&M plan including required activities, frequencies, recordkeeping, etc.
  - B. Summary of O&M Completed During Reporting Period Describe the O&M tasks actually completed during this PRR reporting period.
  - C. Evaluation of Remedial Systems Based upon the results of the O&M activities completed, evaluated

the ability of each component of the remedy subject to O&M requirements to perform as designed/expected.

D. O&M Deficiencies - Identify any deficiencies in complying with the O&M plan during this PRR reporting period.

E. Conclusions and Recommendations for Improvements - Provide an overall conclusion regarding O&M for the site and identify any suggested improvements requiring changes in the O&M Plan.

# VII. Overall PRR Conclusions and Recommendations

- A. Compliance with SMP For each component of the SMP (i.e., IC/EC, monitoring, O&M), summarize;
  - 1. whether all requirements of each plan were met during the reporting period
  - 2. any requirements not met
  - 3. proposed plans and a schedule for coming into full compliance.
- B. Performance and Effectiveness of the Remedy Based upon your evaluation of the components of the SMP, form conclusions about the performance of each component and the ability of the remedy to achieve the remedial objectives for the site.
- C. Future PRR Submittals
  - 1. Recommend, with supporting justification, whether the frequency of the submittal of PRRs should be changed (either increased or decreased).
  - 2. If the requirements for site closure have been achieved, contact the Departments Project Manager for the site to determine what, if any, additional documentation is needed to support a decision to discontinue site management.

# VIII. Additional Guidance

Additional guidance regarding the preparation and submittal of an acceptable PRR can be obtained from the Departments Project Manager for the site.





# Attachment 2 Custodian Monthly or Severe Condition Inspection Forms

# Custodial Engineer Monthly or Severe Condition Inspection Form Vapor Barrier and SSDS Inspector's Name: Eric Jucksa Inspection Date/Time: 3-10-15 Purpose: (circle one) Monthly Inspection Severe Condition Inspection Yes / No\* Notified Person / Date 1. Walk the entire basement floor BARRIER INSPECTION Any visible cracks in the basement floor? Any visible cracks in the basement wall? ΝÔ Any other visible openings (unintended) in either the floor or walls? Draw approximate location of floor cracks/openings on site map. Any construction activities in basement affecting basement floor/ walls? VAPOR E Notification of DSF is required if cracks are noted. Include the following information: - Draw approximate location of floor and/or wall cracks/openings on site map. - Note the length of the crack/opening. Note the width of the crack/opening. 1. inspect the SSDS Blower Enclosure. Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack? SSDS INSPECTION ΝO Is the rain cap missing on the Vent Stack? No Is the SSDS blower unit functioning at a lower air flow than previously observed? W0 Is the spare blower unit stored in the designated secure location in the school? Can you rotate the blower wheel of the spare unit to verify it is properly jubricated? щ Does the Building Management System (BMS) indicate any SSDS failure? /0 1. Walk and inspect the entire exterior property. EXTERIOR: INSPECTION Are there any significant cracks or deterioration of the paved areas? UΟ Has there been any removal of any pavement? Is there any soil washing or erosion (gullies, soil washed out onto the pavement)? UÒ Has there been any vehicular use on the unpaved areas (tire tracks, rutting)? Have any structures been constructed on the unpaved areas? Are there any signs of intrusive activities? around the Building that's sinking in

**ACTIONS TAKEN** 

	Custodial Engineer Monthly or Severe Condition Inspe Vapor Barrier and SSDS	ection Form	
	Inspector's Name: Eric Jacks au		
	Inspection Date/Time: 6-7-15		
	Purpose: (circle one) Monthly Inspection Severe Condition Inspect	tion	
		Yes / No*	Notified Person / Dat
Ž	1. Walk the entire basement floor	У	
VAPOR BARRIER INSPECTION	* Any visible cracks in the basement floor?	1/0	
NSPE	Any visible cracks in the basement wall?	No	
ER 1	Any other visible openings (unintended) in either the floor or walls?	100	
MAR	Draw approximate location of floor cracks/openings on site map.	No	
ORE	Any construction activities in basement affecting basement floor/ walls?	NO	
A. VAP	<ul> <li>Notification of DSF is required if cracks are noted. Include the following information:</li> <li>Draw approximate location of floor and/or wall cracks/openings on site map.</li> <li>Note the length of the crack/opening. Note the width of the crack/opening.</li> </ul>		
	1. Inspect the SSDS Blower Enclosure.		
Z O	Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	7	
INSPECTION	* Is the rain cap missing on the Vent Stack?	NO	
2	* Is the SSDS blower unit functioning at a lower air flow than previously observed?	NO	*
SOCO	* Is the spare blower unit stored in the designated secure location in the school?	NO	
i	Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	<del>-</del> <del>-</del> <del>-</del> <del>-</del> <del>-</del> <del>-</del> -	
	* Does the Building Management System (BMS) indicate any SSDS failure?	110	
1	Walk and inspect the entire exterior property.	No	
	* Are there any significant cracks or deterioration of the paved areas?	-Y-	
ļ.	Has there been any removal of any pavement?	NO	
-	Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	*	
* *	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	No	
-	Have any structures been constructed on the unpaved areas?	¥	
-	Are there any signs of intrusive activities?	<u>Y</u> ,	
<u> </u>		<i>(U)</i>	·
1	Minos ciacla around the Building		
٢	crue crack by drain on the Red side		
1	sperating by loading dock / Redside	by Fin	as court
1	such pole by Main Entrance is sinking place behinder by the bless Main to abditorium are	nd the k	bading dock
	Inspector's Signature:	very 100	Se
_	in's a lot of swage grates around the Build	cly that	1s sinkers o

L	Custodial Engineer Monthly or Severe Condition Insp Vapor Barrier and SSDS		•
	Inspector's Name: Eric Jackson		
	Inspection Date/Time: 7-12-15		
	Purpose: (circle one) Monthly Inspection Severe Condition Inspec	tion	
		Yes / No*	Notified Person / Date
ž	1. Walk the entire basement floor	Y	
VAPOR BARRIER INSPECTION	* Any visible cracks in the basement floor?	No	
SPE	* Any visible cracks in the basement wall?	No	
IER II	Any other visible openings (unintended) in either the floor or walls?	NO	
ARR	Draw approximate location of floor cracks/openings on site map.	NO	
OR E	Any construction activities in basement affecting basement floor/ walls?	NO	
A. VAP	Notification of DSF is required if cracks are noted. Include the following information:  Draw approximate location of floor and/or wall cracks/openings on site map.  Note the length of the crack/opening. Note the width of the crack/opening.		
	1. Inspect the SSDS Blower Enclosure.	TV T	
S	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	<del>                                     </del>	
ב נ	* Is the rain cap missing on the Vent Stack?	NO	· · · · · · · · · · · · · · · · · · ·
20	Is the SSDS blower unit functioning at a lower air flow than previously observed?	No	*
SOLO INSPECTION	* Is the spare blower unit stored in the designated secure location in the school?	No	
;	* Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	Y	
-	Does the Building Management System (BMS) indicate any SSDS failure?	<del>- Y</del>	
1	Walk and inspect the entire exterior property.	No	
;  -	Are there any significant cracks or deterioration of the paved areas?	4	
* * *	Has there been any removal of any pavement?	NO	
*	Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	Y	
*		NO	
-	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	У	
-	Have any structures been constructed on the unpaved areas?	Ÿ	
Ĺ	Are there any signs of intrusive activities?	No	
1	liner cracks around the Building	- <del>   </del>	
1	urve crack by drain on the Red side		
C	were by the Bur Main to put it for ion are very	y Tena's and the lo loose	court acing dock
١,	nspector's Signature: (iic Jacksin		

	Custodial Engineer Monthly or Severe Condition Insp	ection Form	
	Vapor Barrier and SSDS	ection Folin	
	Inspector's Name: Eric Jackson		
	Inspection Date/Time: 8-16-15	·	
	Dumana (alasta da ser de ser d		
_	Furpose: (Circle one) Monthly Inspection Severe Condition Inspec	tion	•
	Walk the entire basement floor	Yes / No*	Notified Person / Date
5		y	
	Any visible cracks in the basement floor?      Any visible cracks in the basement floor?	NO	
	* Any visible cracks in the basement wall?	NO	
	Any other visible openings (unintended) in either the floor or walls?	NO	
NOTION TOWN	Draw approximate location of floor cracks/openings on site map.	NO	
	* Any construction activities in basement affecting basement floor/ walls?	No	
	<ul> <li>Notification of DSF is required if cracks are noted. Include the following information:</li> <li>Draw approximate location of floor and/or wall cracks/openings on site map.</li> <li>Note the length of the crack/opening. Note the width of the crack/opening.</li> </ul>		
T	. Inspect the SSDS Blower Enclosure.	1	
-	Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	NU	-
1	Is the rain cap missing on the Vent Stack?	<del> </del>	
*   *   *	Is the SSDS blower unit functioning at a lower air flow than previously observed?	NO	*
*	is the spare blower unit stored in the designated secure location in the school?	10	
•	Can you rotate the blower wheel of the spare unit to verify it is properly tubricated?	V//	
*	Does the Building Management System (BMS) indicate any SSDS failure?	NU	
1.	Walk and inspect the entire exterior property.	NU	
*	Are there any significant cracks or deterioration of the paved areas?	7	
,	Has there been any removal of any pavement?	NO	·
	Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	7	
	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	10	
	Have any structures been constructed on the unpaved areas?	<del>/</del>	
	Are there any signs of intrusive activities?	<u>Y</u>	
U	inor cracks ground the Building	NO 1.	
0	were crack by		
2	we is sperating by loading dock land	de de	7
j	ht pule by Main Entrance is sinking in	c su he	land the local
U	ex by the Blue main to abditorium are		lose.
ln:	spector's Signature: Cur Josh		,
φ, Ο	there's alot of subgregrate around the there's alot of cracks in the Street	Building	that's Sinkin

also there's alot of charks in the Street a) I callon the 7th to innform that there is construction so on in the Back field

	Inspector's Name: Eric Jackson		·
	Inspection Date/Time: 9-19-15		
	Purpose: (circle one) Monthly inspection Severe Condition Inspec	tion	
		Yes / No*	Notified Person / Date
z	Walk the entire basement floor	Y	
CTIO	* Any visible cracks in the basement floor?	No	
NSPE	Any visible cracks in the basement wall?	NO	
IER I	Any other visible openings (unintended) in either the floor or walls?	110	
3ARR	Draw approximate location of floor cracks/openings on site map.	1/0	
VAPOR BARRIER INSPECTION	Any construction activities in basement affecting basement floor/ walls?	NO.	
A. VA	Notification of DSF is required if cracks are noted. Include the following information: Draw approximate location of floor and/or wall cracks/openings on site map. Note the length of the crack/opening. Note the width of the crack/opening.		
	1. Inspect the SSDS Blower Enclosure.	V -	
2	Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	1.	
3	Is the rain cap missing on the Vent Stack?	No	
	* Is the SSDS blower unit functioning at a lower air flow than previously observed?	NO	*
NO POLICIA	Is the spare blower unit stored in the designated secure location in the school?	NO	
	Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	<del>- }-  -</del>	
*	Does the Building Management System (BMS) indicate any SSDS failure?	<del>- /</del> -	
1	. Walk and inspect the entire exterior property.	NO	
•	Are there any significant cracks or deterioration of the paved areas?	<del>-</del>	
F	Has there been any removal of any pavement?	NO	
-	Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	NO	
1	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	10	
	Have any structures been constructed on the unpaved areas?	NO	
*	Are there any signs of intrusive activities?	1/9	
l	Asses Const. Co. C. C. C. C.	NO	
() (	lines Cracks around the Building		
<u> </u>	ations of Canada lands	ide	
	sht pole by Main Entrance is Sinking in a were by the Blue main to auditorium are	de by 1- 150 behi e very	ennis Court Ind the londry li
11	rspector's Signature: (enc Jach		

	Custodial Engineer Monthly or Severe Condition Inspe	ection Form	
F	Vapor Barrier and SSDS		•
	Inspector's Name: Eric SackSac		
	Inspection Date/Time: 10-12-15		
	Purpose: (circle one) Monthly Inspection Severe Condition Inspec	tion	,
		Yes / No*	. Notified Person / Date
١,	1. Walk the entire basement floor	V	
VAPOR BARRIER INSPECTION	* Any visible cracks in the basement floor?	1/5	
100	* Any visible cracks in the basement wall?	NO	
2	Any other visible openings (unintended) in either the floor or walls?	NO	
ARRI	Draw approximate location of floor cracks/openings on site map.	1 NO	
OR B	Any construction activities in basement affecting basement floor/ walls?	10	
A. VAP	Liaw approximate location of floor ===4/	20	
	1. Inspect the SSDS Blower Enclosure.		
<u>₹</u>	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	1/0	
E	* Is the rain cap missing on the Vent Stack?	100	
SSDS INSPECTION	* Is the SSDS blower unit functioning at a lower air flow than previously observed?	10	*
200	* Is the spare blower unit stored in the designated secure location in the school?	NO	
ni	Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	<del>\</del>	
	* Does the Building Management System (BMS) indicate any SSDS failure?	7	
	Walk and inspect the entire exterior property.	NO	
5	Are there any significant cracks or deterioration of the paved areas?	Ym	
	Has there been any removal of any pavement?	NU	
	Is there any soil washing or erosion (guillies, soil washed out onto the pavement)?	NO	
*	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	NO	
*	Have any structures been constructed on the unpaved areas?	NO	
	Are there any signs of intrusive activities?	NO	
+			
1	Yonor Cracks around the Boilding		
1	curve is sperating by looding dock thedside.	by Tennies	court
1	wrete Crack by drain on hed side		
H	ight fole by Main Entrance is sinkey in als	o hehind	the lowding dock
1	avers by the Blue young to auditorium are	very 1	0050
$\perp$	ere is a lot of sweer grates cround the	,	

	Custodial Engineer Monthly or Severe Condition Insp	ection Form	
L	Vapor Barrier and SSDS		•
	Inspection Date/Time: 11-11-15		
	Inspection Date/Time: 11-11-15		
	Purpose: (circle one) Monthly Inspection Severe Condition Inspec	tion	
L		Yes/No*	Notified Person / Date
	1. Walk the entire basement floor	14	Jage
	* Any visible cracks in the basement floor?	1/0	
100	* Any visible cracks in the basement wall?	110	
9	Any other visible openings (unintended) in either the floor or walls?	100	
00 4	Draw approximate location of floor cracks/openings on site map.	10	
VAPOR BARRIED INCRECES	Any construction activities in basement affecting basement floor/ walls?	100	
A VA	- Uraw approximate location of floor and/or wall assets to the second		
	1. Inspect the SSDS Blower Enclosure.	171	
No	Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	1/2	
SSDS INSPECTION	Is the rain cap missing on the Vent Stack?	100	
SS	* Is the SSDS blower unit functioning at a lower air flow than previously observed?	10	*
SSDS	Is the spare blower unit stored in the designated secure location in the school?	10	
ń	* Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	10	
	* Does the Building Management System (BMS) indicate any SSDS failure?	117	
,	Walk and inspect the entire exterior property.	NO	
	* Are there any significant cracks or deterioration of the paved areas?	116	
. 1	Has there been any removal of any pavement?	10	·
	s there any soil washing or erosion (gullies, soil washed out onto the pavement)?	NO	
CAIL VIOLET	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	10	
- 1	Have any structures been constructed on the unpaved areas?	10	•
-	Are there any signs of intrusive activities?	1/0	
1	Monor Cracks around the Building	NO.	
	" Which to Complete the soll of the	dp	
	nurve is speratory by loading dar Reds	, , ,	ennis court.
1	ight pole by main Entrance is sinking	1 1	behind the land
	over by the Blue your to abdit crium	are Very	1 GOSE
Ļ	Inspector's Signature: Ymc Jufu		,
ĺ.	here is clot of sluger gratus around	the 131	vilding that

# Custodial Engineer Monthly or Severe Condition Inspection Form Vapor Barrier and SSDS Eric Jackson Inspector's Name: Inspection Date/Time: 12-12-15 Purpose: (circle one) Monthly Inspection Severe Condition Inspection Yes / No\* Notified Person / Date 1. Walk the entire basement floor VAPOR BARRIER INSPECTION Any visible cracks in the basement floor? Any visible cracks in the basement wall? Any other visible openings (unintended) in either the floor or walls? Draw approximate location of floor cracks/openings on site map. Any construction activities in basement affecting basement floor/ walls? Notification of DSF is required if cracks are noted. Include the following information: - Draw approximate location of floor and/or wall cracks/openings on site map. - Note the length of the crack/opening. Note the width of the crack/opening. 1. inspect the SSDS Blower Enclosure. Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack? SSDS INSPECTION Is the rain cap missing on the Vent Stack? is the SSDS blower unit functioning at a lower air flow than previously observed? Is the spare blower unit stored in the designated secure location in the school? Can you rotate the blower wheel of the spare unit to verify it is properly lubricated? Does the Building Management System (BMS) indicate any SSDS failure? 1. Walk and inspect the entire exterior property. EXTERIOR INSPECTION Are there any significant cracks or deterioration of the paved areas? /D Has there been any removal of any pavement? Is there any soil washing or erosion (gullies, soil washed out onto the pavement)? Has there been any vehicular use on the unpaved areas (tire tracks, rutting)? Have any structures been constructed on the unpaved areas? Are there any signs of intrusive activities? travice to autitorvin grafes around Cracks in the

Ç

-	Vapor Barrier and SSDS			
	Inspector's Name: Errc Jackson			
	Inspection Date/Time: - 9-16			
	Purpose: (circle one) Monthly Inspection Severe Condition Inspection			
-	d W. I. I.	Yes / No* .	Notified Person / Date	
	Walk the entire basement floor	V		
RADDIED INCOLOUR	* Any visible cracks in the basement floor?	No		
100	Any visible cracks in the basement wall?	1/0		
	Any other visible openings (unintended) in either the floor or walls?	1/0		
34.00	Draw approximate location of floor cracks/openings on site map.	1/0		
VAPOR	Any construction activities in basement affecting basement floor/ walls?	1/10		
A. VA	- DIAW approximate location of floor and/an	700		
	1. inspect the SSDS Blower Enclosure.			
NO NO	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	1/10		
INSPECTION	* Is the rain cap missing on the Vent Stack?	100		
INSF	• Is the SSDS blower unit functioning at a lower air flow than previously observed?	NO		
SSDS	* Is the spare blower unit stored in the designated secure location in the school?	NO		
В.	<ul> <li>Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?</li> </ul>	<del>  Y  </del>		
	Does the Building Management System (BMS) indicate any SSDS failure?	170		
·	Walk and inspect the entire exterior property.	10		
SPECTION	Are there any significant cracks or deterioration of the paved areas?	7		
SPEC	* Has there been any removal of any pavement?	NO		
N. N.	* Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	10		
EXTERIOR IN	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	NO		
	Have any structures been constructed on the unpaved areas?	NO		
ပ	Are there any signs of intrusive activities?	49		
	Minor Cracks around the Building	NO		
KE	Purche Crack la d'en de la			
NS T	word is energy time but I			
D. ACTIONS TAKEN	Paver by the Blue Mr. is to Assist in also behind loading			
	Inspector's Signature: Cut Work	1 GVE VE	ax loose	
Th	ere is a lot of stuger gates around,	Har Bul	Idea II to	

L	Custodial Engineer Monthly or Severe Condition Insp Vapor Barrier and SSDS	outer total	
	Inspector's Name: Eric Jacks qu		
	Inspection Date/Time: 2-8-(6		
	Purpose: (circle one) Monthly Inspection Severe Condition Inspec	tion	,
		Yes / No*	Notified Person / Date
N.	Walk the entire basement floor	Y	
VAPOR BARRIER INSPECTION	* Any visible cracks in the basement floor?	NO	
NSP	Any visible cracks in the basement wall?	110	
IER I	* Any other visible openings (unintended) in either the floor or walls?	NO	
MRR	Draw approximate location of floor cracks/openings on site map.	NO	
ORE	Any construction activities in basement affecting basement floor/ walls?	10	
A. VAP	Notification of DSF is required if cracks are noted. Include the following information: Draw approximate location of floor and/or wall cracks/openings on site map. Note the length of the crack/opening. Note the width of the crack/opening.		
	1. Inspect the SSDS Blower Enclosure.	17 +	
Z O	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	1 / 1	-
1	* Is the rain cap missing on the Vent Stack?	NO	·
SSUS INSPECTION	* Is the SSDS blower unit functioning at a lower air flow than previously observed?	00	
200	* Is the spare blower unit stored in the designated secure location in the school?	100	
9	* Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	У	
ŀ	Does the Building Management System (BMS) indicate any SSDS failure?	Y	
+	. Walk and inspect the entire exterior property.	100	
	Are there any significant cracks or deterioration of the paved areas?	<u> </u>	
	Has there been any removal of any pavement?	No	
-		NO	
-	Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	NO	
* *	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	No	
Ŀ	riave any structures been constructed on the unpaved areas?	1/2	
	Are there any signs of intrusive activities?	No	,
1	Surve Crack by drain on Bed side		
<u> </u>	city is specating by loading dock/	led side	Trunes court
D	aver by the blue Main to Auditorium a	re very	nd landwy decle
_!!	respector's Signature: Encland	· · · · · · · · · · · · · · · · · · ·	

	Custodial Engineer Monthly or Severe Condition Insp Vapor Barrier and SSDS	ection Form	1
	Inspector's Name: Eric Jackson		
	Inspection Date/Time: 3-12-16		
	•		
-	Purpose: (circle one) Monthly Inspection Severe Condition Inspec	ction	· ·
	Walk the entire basement floor	Yes / No	o* Notified Person / Date
NO.	Any visible cracks in the basement floor?	<u> </u>	
BARRIER INSPECTION	Any visible cracks in the basement wall?	No	
N.	Any other visible openings (unintended) in either the floor or walls?	No	
ARRIE	Draw approximate location of floor cracks/openings on site map.	NO	
OR B/	Any construction activities in basement affecting basement floor/ walls?	NO	
VAPOR	" Notification of DSF is required if cracks are noted. Include the City	NO	
Ą.	Draw approximate location of floor and/or wall cracks/openings on site map.     Note the length of the crack/opening. Note the width of the crack/opening.		·
	Inspect the SSDS Blower Enclosure.	<del>  ,,</del>	
Z O	Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	17	
ECH	Is the rain cap missing on the Vent Stack?	NO	
INSP	<ul> <li>Is the SSDS blower unit functioning at a lower air flow than previously observed?</li> </ul>	NO	*
SSDS INSPECTION	Is the spare blower unit stored in the designated secure location in the school?	NO	
mi ,	<ul> <li>Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?</li> </ul>	<del></del>	
	Does the Building Management System (BMS) indicate any SSDS failure?	4	
	Walk and inspect the entire exterior property.	10	
2010	Are there any significant cracks or deterioration of the paved areas?	710	
	Has there been any removal of any pavement?	N	
ľ	Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	$\mathcal{N}_{0}$	
	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	NO	
	Have any structures been constructed on the unpaved areas?	NO	EAST COEST USA
Ŀ	Are there any signs of intrusive activities?	4 (1)	F/ 2-26-16
1	Junor Cracks around the Building	NO	
(	Birtie Crock by de		
C	urve is granding by land, it to	0:1.6-	
1	ght pole by Main Enfrance is sinking in		ennis Court
fle	wer by the Blue Main its Auditorona are	very 1	penine looding de
7	nspector's Signature:	V / 1	1051
	eve's a lot of swasen grates around the King in clso : A lot of cracks in the	Build	ay that's
	t Coast USA constaction opening out the	tract	et on the
1	the last of the last of the	10	CI ON PIE

Custodial Engineer Monthly or Severe Condition Inspection Form Vapor Barrier and SSDS Inspector's Name: Eric Jackson Inspection Date/Time: \$4-9-/6 Purpose: (circle one) Monthly Inspection Severe Condition Inspection Yes / No\* Notified Person / Date 1. Walk the entire basement floor VAPOR BARRIER INSPECTION Any visible cracks in the basement floor? Any visible cracks in the basement wall? Any other visible openings (unintended) in either the floor or walls? Draw approximate location of floor cracks/openings on site map. Any construction activities in basement affecting basement floor/ walls? Notification of DSF is required if cracks are noted. Include the following information: - Draw approximate location of floor and/or wall cracks/openings on site map. Ą. - Note the length of the crack/opening. Note the width of the crack/opening. 1. Inspect the SSDS Blower Enclosure. Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack? INSPECTION Is the rain cap missing on the Vent Stack? Is the SSDS blower unit functioning at a lower air flow than previously observed? Is the spare blower unit stored in the designated secure location in the school? Can you rotate the blower wheel of the spare unit to verify it is properly lubricated? Does the Building Management System (BMS) indicate any SSDS failure? 1) O 1. Walk and inspect the entire exterior property. EXTERIOR INSPECTION Are there any significant cracks or deterioration of the paved areas? Has there been any removal of any pavement? IJθ Is there any soil washing or erosion (gullies, soil washed out onto the pavement)? Has there been any vehicular use on the unpaved areas (tire tracks, rutting)? Have any structures been constructed on the unpaved areas? Are there any signs of intrusive activities? Entrance is sinking in also behind loading dock grates of cracks in the street

	Custodial Engineer Monthly or Severe Condition Insp	ection Form	·
-	Vapor Barrier and SSDS		
	Inspector's Name: Eric Jackson		
	Inspection Date/Time: 5-2/-16		
	Purpose: (circle one) Monthly Inspection Severe Condition Inspec	tion	· .
		Yes/No*	Notified Person / Date
~	Walk the entire basement floor	V	
CTIO	Any visible cracks in the basement floor?	+//-	
(SPE	Any visible cracks in the basement wall?	140	
ER IN	Any other visible openings (unintended) in either the floor or walls?	1/0	
ARRII	Draw approximate location of floor cracks/openings on site map.	NO	
VAPOR BARRIER INSPECTION	Any construction activities in basement affecting basement floor/ walls?	100	
VAP(	** Notification of DSF is required if cracks are noted. Include the following information:	100	
¥.	Draw approximate location of floor and/or wall cracks/openings on site map.     Note the length of the crack/opening. Note the width of the crack/opening.		
_	1. Inspect the SSDS Blower Enclosure.		
5	Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	1/0	
	Is the rain cap missing on the Vent Stack?	10	
	' Is the SSDS blower unit functioning at a lower air flow than previously observed?	100	÷
MOLITAGE FOR INCIDING	Is the spare blower unit stored in the designated secure location in the school?	1/9	
, 	Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	7	
,	Does the Building Management System (BMS) indicate any SSDS failure?	13	
1	. Walk and inspect the entire exterior property.	100	
•	Are there any significant cracks or deterioration of the paved areas?	-7,  -	
1	Has there been any removal of any pavement?	NO	
F	Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	NO	
-	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	NO	
-	Have any structures been constructed on the unpaved areas?	NO	
-	Are there any signs of intrusive activities?	10	
1		NO	
1	Lunor Cracks around the Building		
-	urve crack by drain on led Side		
1	orve is speration by loading dock led.	ride (1	Essuis Court).
1	3nt plenty Main Entrance is sinking	also be	hund loading of
10	wer ky The Blue Main to Auditoforma are	uery	oose
•	aspector's Signature	/ /	
761	res a lot of swager grates around r	he buil	day that's

	Custodial Engineer Monthly or Severe Condition Insp Vapor Barrier and SSDS	ection Form	,
ľ	Inspector's Name: Ert Secliser		·
	Inspection Date/Time: 6-7-16		
	Purpose: (circle one) Monthly Inspection Severe Condition Inspec	Ction	
r			
	Walk the entire basement floor	Yes/No*	Notified Person / Date
VAPOR BARRIER INSPECTION	Any visible cracks in the basement floor?	1/0	
000	Any visible cracks in the basement wall?	No	
N G	Any other visible openings (unintended) in either the floor or walls?	NO	
APPIE	Draw approximate location of floor cracks/openings on site map.	10	
SR R	Any construction activities in basement affecting basement floor/ walls?	10	· · · · · · · · · · · · · · · · · · ·
A. VAP	= Draw approximate leasting of a	100	
	Inspect the SSDS Blower Enclosure.		
×	Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	17	
SSDS INSPECTION	Is the rain cap missing on the Vent Stack?	No	
NSPE	• Is the SSDS blower unit functioning at a lower air flow than previously observed?	No	*
SDS I	Is the spare blower unit stored in the designated secure location in the school?	NO	
B. S.	Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	X	
	* Does the Building Management System (BMS) indicate any SSDS failure?	4	
	Walk and inspect the entire exterior property.	NO	
EC IION	Are there any significant cracks or deterioration of the paved areas?	Y	
יר ה	Has there been any removal of any pavement?	NO	
	Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	10	
EXTENIOR IN	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	NO	
- 1	Have any structures been constructed on the unpaved areas?	NO	
;  -	Are there any signs of intrusive activities?	NO	
+		NO	
1	Jenor (racks around the Building		
1	worve crack by drawn on hed sike		
-	light rate him by landing dock that	5 cd (-	Tennis Court).
	lover by H. Blue 1/2 / 1/11	n'also he ave Very	hand loady do
$\downarrow$	Inspector's Signature: luce lake	or cory	10000
Th	ere's a lot of swager grates around	the fort	day that's

Custodial Engineer Monthly or Severe Condition Inspection Form Vapor Barrier and SSDS Inspector's Name: Ert Secles on Inspection Date/Time: 7- 4-1 6 Purpose: (circle one) Monthly Inspection Severe Condition Inspection Yes/No\* Notified Person / Date 1. Walk the entire basement floor BARRIER INSPECTION Any visible cracks in the basement floor? Any visible cracks in the basement wall? 110 Any other visible openings (unintended) in either the floor or walls? Draw approximate location of floor cracks/openings on site map. 1/0 Any construction activities in basement affecting basement floor/ walls? VAPOR Notification of DSF is required if cracks are noted. Include the following information: - Draw approximate location of floor and/or wall cracks/openings on site map. · Note the length of the crack/opening. Note the width of the crack/opening. 1. Inspect the SSDS Blower Enclosure. Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack? SSDS INSPECTION Is the rain cap missing on the Vent Stack? is the SSDS blower unit functioning at a lower air flow than previously observed? Is the spare blower unit stored in the designated secure location in the school? Can you rotate the blower wheel of the spare unit to verify it is properly lubricated? Does the Building Management System (BMS) indicate any SSDS failure? はき 1. Walk and inspect the entire exterior property. EXTERIOR INSPECTION Are there any significant cracks or deterioration of the paved areas? NO Has there been any removal of any pavement? Is there any soil washing or erosion (gullies, soil washed out onto the pavement)? Has there been any vehicular use on the unpaved areas (tire tracks, rutting)? Have any structures been constructed on the unpaved areas? ΰ Are there any signs of intrusive activities? wager gratus Lof cracks

D. ACTIONS TAKEN

ł	Vapor Barrier and SSDS	pection Form	
F			
	Inspector's Name: Eric Sackson		·
	Inspection Date/Time: &- 7/6	,	
	Purpose: (circle one) Monthly Inspection Severe Condition Inspec	otion	
	4 Mc III A	Yes/No*.	Notified Person / Da
NO	Any visible explicit the second	Y	
VAPOR BARRIER INSPECTION	Any visible cracks in the basement floor?     Any visible cracks in the basement wall?	No	
NSF	Any other visible openings (unintended) in either the floor or walls?	110	
RIEF	Draw approximate location of floor cracks/openings on site map.	1/0	,
R BA	Any construction activities in basement affecting basement floor/ walls?	No	
/APO	** Notification of DSF is required if cracks are poted. In-last the first	NO	
, A	<ul> <li>Draw approximate location of floor and/or wall cracks/openings on site map.</li> <li>Note the length of the crack/opening. Note the width of the crack/opening.</li> </ul>		
	1. Inspect the SSDS Blower Enclosure.	+ +	
20	Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	1/0	
, L	Is the rain cap missing on the Vent Stack?	No	
NOIDE LESS COMME	Is the SSDS blower unit functioning at a lower air flow than previously observed?	NO	* .
	Is the spare blower unit stored in the designated secure location in the school?	10	
i	Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	6	
1	Does the Building Management System (BMS) indicate any SSDS failure?	1/2	
1.	. Walk and inspect the entire exterior property.	7	
Ļ	Are there any significant cracks or deterioration of the paved areas?	No	
-	Has there been any removal of any pavement?	No	
-	Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	No	
-	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	NO	
	Have any structures been constructed on the unpaved areas?	NO	
_	Are there any signs of intrusive activities?	NO	
			Temáis (ourt)
Par	spector's Signature: End had a but it or iver are of	cles beh	ind loading do

	Inspection Date/Time: 9-14-16		
	Inspection Date/Time: G 12 /c		
	Purpose: (circle one) Monthly Inspection Severe Condition Inspec	tion	· .
_	Walk the entire basement floor	Yes / No*	Notified Person / Date
NOTION INC.	Any visible cracks in the basement floor?	4	
)	Any visible cracks in the basement wall?	No	
	Any other visible openings (unintended) in either the floor or walls?	No	
	Draw approximate location of floor cracks/openings on site map.	No	1
	Any construction activities in basement affecting basement floor/ walls?	NO	
	Notification of DSF is required if cracks are noted. Include the following information:  Draw approximate leading 148.	NO	
	<ul> <li>Draw approximate location of floor and/or wall cracks/openings on site map.</li> <li>Note the length of the crack/opening. Note the width of the crack/opening.</li> </ul>		
	1. Inspect the SSDS Blower Enclosure.		
	Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	No	
	Is the rain cap missing on the Vent Stack?	100	
	Is the SSDS blower unit functioning at a lower air flow than previously observed?	100	*
,	Is the spare blower unit stored in the designated secure location in the school?	NO	
•	Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?		
•	Does the Building Management System (BMS) indicate any SSDS failure?	7	
1	. Walk and inspect the entire exterior property.	100	
	Are there any significant cracks or deterioration of the paved areas?	7	
	Has there been any removal of any pavement?	No	
_	Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	10	
	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	10	
	Have any structures been constructed on the unpaved areas?	No	
	Are there any signs of intrusive activities?	12	
,	Lina Crack around Building		
4	me crack by drain on het side		
l	ight pole by hair butrance is sinking	51de (	Tennes Cost
<u>.</u>	vers by the Blue Magn to Auditorium are ispector's Signature:	very	loose

	Custodial Engineer Monthly or Severe Condition Insp	ection Form	
L	Vapor Barrier and SSDS		•
	Inspector's Name: Evec Jackson Inspection Date/Time: 10-8-16		
	Purpose: (circle one) Monthly Inspection Severe Condition Inspec	tion	•
		Yes / No*	Notified Person / Date
z	1. Walk the entire basement floor	1/	
VAPOR BARRIER INSPECTION	Any visible cracks in the basement floor?	+ 7 - 1	
SPE	Any visible cracks in the basement wall?	10	
N N	Any other visible openings (unintended) in either the floor or walls?	10	
RRE	Draw approximate location of floor cracks/openings on site map.	NO	
K BA	Any construction activities in basement affecting basement floor/ walls?	WO	
APO	" Notification of DSF is required if cracks are noted. Include the following information:	10	
> ~	Draw approximate location of floor and/or wall cracks/openings on site map.     Note the length of the crack/opening. Note the width of the crack/opening.		
	1. Inspect the SSDS Blower Enclosure.	-	
5	Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	4	
)	Is the rain cap missing on the Vent Stack?	No	·
101101	Is the SSDS blower unit functioning at a lower air flow than previously observed?	No	*
)	Is the spare blower unit stored in the designated secure location in the school?	00	
	Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	Y	
	Does the Building Management System (BMS) Indicate any SSDS failure?	9	
1	Walk and inspect the entire exterior property.	NO	
-	Are there any significant cracks or deterioration of the paved areas?	9	
-	Has there been any removal of any pavement?	No	
1		No	
ļ.	Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	NO	
L	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	NO	
Ľ	Have any structures been constructed on the unpaved areas?	1/0	
Ŀ	Are there any signs of intrusive activities?	10	
l	wood Crack ground Boilding	1/0	
1	Note of the state		
7	will is specific his for hed side		
1	what late he May the lading dock/ ked	Side (7	eanis (oxyt)
1	spece by the Ane Entrance is Sinly in	also bel	rind Coden A
U	Inspector's Signature Divertice for Auditoroum av	e lkoy 1	oose -
_	Inspector's Signature:	í	

_	Custodial Engineer Monthly or Severe Condition Insp Vapor Barrier and SSDS		
	Inspector's Name: EVIL Jacks Cs Inspection Date/Time: //-10-10		
	Inspection Date/Time: //- lo -{C		,
	Purpose: (circle one) Monthly Inspection Severe Condition Inspec	tion	
		Yes / No*	Notified Person / Date
Z	Walk the entire basement floor	V	
BARRIER INSPECTION	Any visible cracks in the basement floor?	No	
NSPE	Any visible cracks in the basement wall?	110	
ER	Any other visible openings (unintended) in either the floor or walls?	1/0	+
IARR	Draw approximate location of floor cracks/openings on site map.	1/0	
מאכ	Any construction activities in basement affecting basement floor/ walls?	NO	
VALCE	** Notification of DSF is required if cracks are noted. Include the following information:	NO	
₹	<ul> <li>Draw approximate location of floor and/or wall cracks/openings on site map.</li> <li>Note the length of the crack/opening. Note the width of the crack/opening.</li> </ul>		•
	Inspect the SSDS Blower Enclosure.	10	
5	Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	No	
j	Is the rain cap missing on the Vent Stack?	110	
	Is the SSDS blower unit functioning at a lower air flow than previously observed?	100	· · · · · · · · · · · · · · · · · · ·
	<ul> <li>Is the spare blower unit stored in the designated secure location in the school?</li> </ul>	100	
	<ul> <li>Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?</li> </ul>	4	
	Does the Building Management System (BMS) indicate any SSDS failure?	100	
1	Walk and inspect the entire exterior property.	NO	
1	Are there any significant cracks or deterioration of the paved areas?	Y	
1	Has there been any removal of any pavement?	10	
	Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	10	
	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	No	
•	Have any structures been constructed on the unpaved areas?	1/0	
•	Are there any signs of intrusive activities?	NO	
_	And there any signs of incrusive activities?	1.1	
Ļ	your Cracks around Builthing	<u>-</u>	
	one Crarken by draw and the	do	
(	erve is speratures by Localy dock!	Red Coda	Ten Col
7	ight pole by Main Entrance is sinking	Elsa hal	regues (av)
1	evers by the Bloe Hain to Aditorium and	THE CLOWL	LACE WACING NO
	Inspector's Signature:	CVERY	10058

	Custodial Engineer Monthly or Severe Condition Insp Vapor Barrier and SSDS	ection Form	·
	Inspector's Name: Eric Jackson		•
	Inspection Date/Time: 12-4-16		
	Purpose: (circle one) Monthly Inspection Severe Condition Inspec	:tion	
		Yes/No*	Notified Person / Date
2	1. Walk the entire basement floor	V	
VAPOR BARRIER INSPECTION	Any visible cracks in the basement floor?	+7/2	
HdSN	Any visible cracks in the basement wall?	NO	
ER !!	Any other visible openings (unintended) in either the floor or walls?	1/0	
ARR	Draw approximate location of floor cracks/openings on site map.	NO II	
OR E	Any construction activities in basement affecting basement floor/ walls?	NO	
A. VAF	<ul> <li>Notification of DSF is required if cracks are noted. Include the following information:</li> <li>Draw approximate location of floor and/or wall cracks/openings on site map.</li> <li>Note the length of the crack/opening. Note the width of the crack/opening.</li> </ul>		
	1. Inspect the SSDS Blower Enclosure.	+ V -	
NO.	Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	1/2	
ECT	Is the rain cap missing on the Vent Stack?	NO	
SUS INSPECTION	<ul> <li>Is the SSDS blower unit functioning at a lower air flow than previously observed?</li> </ul>	NO	*
SOSS	Is the spare blower unit stored in the designated secure location in the school?	NO	
d i	<ul> <li>Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?</li> </ul>	<del>- 4</del>	
	Does the Building Management System (BMS) indicate any SSDS failure?	1/0	
	1. Walk and Inspect the entire exterior property.	NO	
	Are there any significant cracks or deterioration of the paved areas?	10	
	Has there been any removal of any pavement?	11-0	· · · · · · · · · · · · · · · · · · ·
*	Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	NO	
-	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	NU	
-	Have any structures been constructed on the unpaved areas?	1/0	
1	Are there any signs of intrusive activities?	NO	
T.	Limor Cracks around Building	NU	
1	orve cracking by drain on Red side		
7	isht pole by Main Entrance is sinking in a	side (Te	wer's Court). Loading Dod
+	Inspector's since By The Blue Main to the Auditorium of	ire very	loose
一	pre's alot of swegter gratus around the B	· /// · · · ·	

	Custodial Engineer Monthly or Severe Condition Insp Vapor Barrier and SSDS	ection Form	
ln	spector's Name: Eric Jackson		
ln:	spection Date/Time: 1 - 8 - 1 7		
Pu	rrpose: (circle one) Monthly Inspection Severe Condition Inspec	tion ·	٠.
1.	Walk the entire basement floor	Yes / No*	Notified Person / Date
- 1	·	Y	
VAPOR BARRIER INSPECTION	Any visible cracks in the basement floor?	1/1	
NSP	Any visible cracks in the basement wall?	1/0	
ER I	Any other visible openings (unintended) in either the floor or walls?	1/2	
ARR.	Draw approximate location of floor cracks/openings on site map.	100	
SR B	Any construction activities in basement affecting basement floor/ walls?	NU	
.	Notification of DSF is required if cracks are noted. Include the following information:  - Draw approximate location of floor and/or wall cracks/openings on site map.  - Note the length of the crack/opening. Note the width of the crack/opening.	100	
1. Ir	spect the SSDS Blower Enclosure.	1,7	
Z . /	Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	17.	
	s the rain cap missing on the Vent Stack?	No	·
7 15	the SSDS blower unit functioning at a lower air flow than previously observed?	NO	
20 15	the spare blower unit stored in the designated secure location in the school?	NO	
	an you rotate the blower wheels of the	4	
- D	an you rotate the blower wheel of the spare unit to verify it is properly lubricated?	4	
	oes the Building Management System (BMS) indicate any SSDS failure?	110	
1. Wa	lk and inspect the entire exterior property.	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
	e there any significant cracks or deterioration of the paved areas?	(1)	
- f⁻ Ha	as there been any removal of any pavernent?	Mo	
· Is	there any soil washing or erosion (gullies, soil washed out onto the pavement)?	NO	
• На	s there been any vehicular use on the unpaved areas (tire tracks, rutting)?	20	
* Ha	ve any structures been constructed on the unpaved areas?	110	
	there any signs of intrusive activities?	NO	
1,.		NO	
Min	or tracks around the Building		
Cur	re cracking by drain on hed side	-	
Coru Ligh Pave	t pole by Hain Entrance is sinking in a by the Bive Main to the Auditorium ave	clso beh	ocse
heve!	stor's Signature. The sweger Evertes, evaluate the	11 111	11-61
nKi	a will sudge suches avoid the	e Builder Street	y that's
vin j		Eact	Land Kine

Inspector's Name: Eric Jackson Inspection Date/Time: 2-5-17 Purpose: (circle one) Monthly Inspection Severe Condition Inspec  1. Walk the entire basement floor  Any visible cracks in the basement wall?	Yes / No*	Notified Person / Date
Inspection Date/Time: 2-5-17  Purpose: (circle one) Monthly Inspection Severe Condition Inspec  1. Walk the entire basement floor  Any visible cracks in the basement floor?		Notified Person / Date
Purpose: (circle one) Monthly Inspection Severe Condition Inspec  1. Walk the entire basement floor  Any visible cracks in the basement floor?		Notified Person / Date
Walk the entire basement floor     Any visible cracks in the basement floor?		Notified Person / Date
Any visible cracks in the basement floor?	Yes / No*	Notified Person / Date
Any visible cracks in the basement floor?	V	
Any visible cracks in the hasement well?	1/0	
, and the basement wall?	1/1/0	
Any other visible openings (unintended) in either the floor or walls?	100	,
Draw approximate location of floor cracks/openings on site map.		
Notification of DSF is required if cracks are noted. Include the fall and in t	NO	
Draw approximate location of floor and/or wall cracks/openings on site map.     Note the length of the crack/opening. Note the width of the crack/opening.		
. Inspect the SSDS Blower Enclosure.	1	
Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	17	
		<u>.</u>
	NO	
	110	
	Y	
	У	
	10	
	1/	
Are there any significant cracks or deterioration of the paved areas?	7	
Has there been any removal of any pavement?	10	
Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	100	
	10	
	NO	
· · · · · · · · · · · · · · · · · · ·	NO	
The there any signs of intrusive activities?	1)0	
leave Crecks around the building		
incle Con la		
rue is spercifing by loading deck / had side shift Pole by Muin Entrance is sinking in wer by the Blue Main to the Auditorium	e Temar	is Court) und loading D vy loose
es a lot of cluster our corpor compare the	Street Street	that's
	Any other visible openings (unintended) in either the floor or walls?  Draw approximate location of floor cracks/openings on site map.  Any construction activities in basement affecting basement floor/ walls?  Notification of DSF is required if cracks are noted. Include the following information:  Draw approximate location of floor and/or wall cracks/openings on site map.  Note the length of the crack/opening. Note the width of the crack/opening.  Inspect the SSDS Blower Enclosure.  Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?  Is the rain cap missing on the Vent Stack?  Is the spare blower unit functioning at a lower air flow than previously observed?  Is the spare blower unit stored in the designated secure location in the school?  Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?  Does the Building Management System (BMS) indicate any SSDS failure?  Walk and inspect the entire exterior property.  Are there any significant cracks or deterioration of the paved areas?  Has there been any removal of any pavement?  Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?  Has there been any vehicular use on the unpaved areas?  Are there any signs of intrusive activities?  INDIC Cracks Cround His Millians and France Side Williams and France Signature:  We have a fact of the Bulliams and France Signature:  Are Signature:  Are Clustered Cracks Cround the Architecture of the Architecture Spector's Signature:  Are Signature:  Are Clustered Cracks Cround the Side Crounds the Spector's Signature:	Any other visible openings (unintended) in either the floor or walls?  Draw approximate location of floor cracks/openings on site map.  Any construction activities in basement affecting basement floor/ walls?  Notification of DSF is required it cracks are noted. Include the following information:  Draw approximate location of floor and/or wall cracks/openings on site map.  Note the length of the crack/opening. Note the width of the crack/opening.  Inspect the SSDS Blower Enclosure.  Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?  Is the rain cap missing on the Vent Stack?  Is the sSDS blower unit functioning at a lower air flow than previously observed?  Is the spare blower unit stored in the designated secure location in the school?  Can you rotate the blower wheel of the spare unit to verify it is property lubricated?  Does the Building Management System (BMS) indicate any SSDS failure?  Walk and inspect the entire exterior property.  Are there any significant cracks or deterioration of the paved areas?  Has there been any removal of any pavement?  Is there any soil washing or erosion (guillies, soil washed out onto the pavement)?  Have any structures been constructed on the unpaved areas?  Have any structures been constructed on the unpaved areas?  Are there any signs of intrusive activities?  Hour Cracks crown the part of the pavement of the

	Custodial Engineer Monthly or Severe Condition Inspe	ection Form	
H	Vapor Barrier and SSDS		•
	Inspector's Name: Eriz Jacksch		
	Inspection Date/Time: $3-5-17$		
	Purpose: (circle one) Monthly Inspection Severe Condition Inspec	tion	
		Yes / No*	Notified Person / Date
z	Walk the entire basement floor		- Cate
5	Any visible cracks in the basement floor?	17-	
SPE	Any visible cracks in the basement wall?	1/0	:
12 N	Any other visible openings (unintended) in either the floor or walls?	100	
BARRIER INSPECTION	Draw approximate location of floor cracks/openings on site map.	10	`
R B/	Any construction activities in basement affecting basement floor/ walls?	NO	
VAPOR E	** Notification of DSF is required if cracks are noted. Include the City	NO	L.
₹	Draw approximate location of floor and/or wall cracks/openings on site map.     Note the length of the crack/opening. Note the width of the crack/opening.		
	1. Inspect the SSDS Blower Enclosure.		
5	Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	17/2	
2	Is the rain cap missing on the Vent Stack?	NO	
2	Is the SSDS blower unit functioning at a lower air flow than previously observed?	NO	ŭ.
SOLD INSPECTION	* Is the spare blower unit stored in the designated secure location in the school?	NO	
i	<ul> <li>Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?</li> </ul>	Y	
	Does the Building Management System (BMS) indicate any SSDS failure?	7	
+	Walk and inspect the entire exterior property.	NO	
-		4	
	Are there any significant cracks or deterioration of the paved areas?	No	
-	Has there been any removal of any pavement?	1/0	
L	Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	110	
L	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	110	
*   *   *	Have any structures been constructed on the unpaved areas?	110	· · · · · · · · · · · · · · · · · · ·
ľ	Are there any signs of intrusive activities?	170	
	Simon Cracks around the Bullion	100	
	Dave Carolis Jon 1		
	OVUE is sperative by loading dock that	01/	
	icht bole his la with the the	( ' /	spis (out)
	alle his the Blue line I I A I'M KIN		behind loading
7	Inspector's Signature: In the Auditorium	1 Gre b	evy lose
P	res a lot of gwege grates arounds of	the Riv	1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
k	say on sla is lot of exacted in the	re Buil	f that's
'	12-23-16, 12-30-16 Pro Con dut up the ca	Alrect	ale Fx + La

	Custodial Engineer Monthly or Severe Condition Insp Vapor Barrier and SSDS	ection Form	
			·
	Inspection Date/Time: 4-3-17		
	Inspection Date/Time: 4-6-17		
	Purpose: (circle one) Monthly Inspection Severe Condition Inspec	,	•
-	Covere Condition Inspec	tion	
	Walk the entire basement floor	Yes / No*	Notified Person / Date
NO		Y	
ECTI	Any visible cracks in the basement floor?	No	
INSP	Any visible cracks in the basement wall?	110	
RER	Any other visible openings (unintended) in either the floor or walls?	110	1
BAR	Draw approximate location of floor cracks/openings on site map.	NO	
VAPOR BARRIER INSPECTION	Any construction activities in basement affecting basement floor/ walls?	110	
A. VA	Notification of DSF is required if cracks are noted. Include the following information:  Draw approximate location of floor and/or wall cracks/openings on site map.	100	
٩	Note the length of the crack/opening. Note the width of the crack/opening.		
	Inspect the SSDS Blower Enclosure.	<u> </u>	
-	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	17-1	
NOTICE INC.	* Is the rain cap missing on the Vent Stack?	NO	
1	Is the SSDS blower unit functioning at a lower air flow than previously observed?	10	
2		NO	
	Is the spare blower unit stored in the designated secure location in the school?  Can you rotate the blower wheel of the	У	
'  -	Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?  Does the Building Management Surface (DAS).	4	
1	Does the Building Management System (BMS) indicate any SSDS failure?	NO	
	1. Walk and inspect the entire exterior property.	Y	
1. 1.	Are there any significant cracks or deterioration of the paved areas?	No	
-	Has there been any removal of any pavement?	NO	
	Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	NO	
-	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	NO	
-	Have any structures been constructed on the unpaved areas?	110	
	Are there any signs of intrusive activities?	110	
1	Sinor Cracks arounds the Buildin	1700	
9	urve Cracking by drain on hed side		
Ļ	vive is speciating by loading dock/hed	SIF	inis (a) (-)
1	sht late by Main Entrance is Sinking in	11/2 /2	hind looden Mile
Va	ever by the Blue your to the Auditorium Gue		ise with the
<u> </u>	Inspector's Signature:		
40 1	res a lot of sweger grates around the	Syldey	that's
l_	ing in Als a lot of cracks in the 12-30-16 fro con des con les	the Co	storage Awa
n.	1228-16, 12-30-16 the son des up I since then it's leaking an the M	151'	Claraco Aras

Inspector's Name: Ena SackScul Inspection Date/Time: 5 - 6 - 17  Purpose: (circle one) Monthly Inspection Severe Condition Inspection  1. Walk the entire basement floor  • Any visible cracks in the basement floor?  • Any visible cracks in the basement wall?  • Any other visible openings (unintended) in either the floor or walls?  • Draw approximate location of floor cracks/openings on site map.  • Any construction activities in basement affecting basement floor/ walls?  • Notification of DSF is required if cracks are noted. Include the following information:	Yes/No*  Y  No  No	Notified Person / Date
Purpose: (circle one) Monthly Inspection Severe Condition Inspec  1. Walk the entire basement floor	Yes/No*  Y  No  No	Notified Person / Date
Purpose: (circle one) Monthly Inspection Severe Condition Inspec  1. Walk the entire basement floor	Yes/No*  Y  No  No	Notified Person / Date
Walk the entire basement floor	Yes/No*  Y  No  No	Notified Person / Date
Walk the entire basement floor	Yes/No*  Y  No  No	Notified Person / Date
	Y No No	Notified Person / Date
Any visible cracks in the basement floor?  Any visible cracks in the basement wall?  Any other visible openings (unintended) in either the floor or walls?  Draw approximate location of floor cracks/openings on site map.	No	
Any visible cracks in the basement wall?     Any other visible openings (unintended) in either the floor or walls?     Draw approximate location of floor cracks/openings on site map.	No	
Any other visible openings (unintended) in either the floor or walls?     Draw approximate location of floor cracks/openings on site map.      Any construction activities in bases of the construction activities in the construction activities activ	T .	
Draw approximate location of floor cracks/openings on site map.  Any construction activities in base of the construction activities activiti		
Any construction activities in harmonic form	No	-
Any construction activities in basement affecting basement floor/ walls?	NO	
<ul> <li>Notification of DSF is required if cracks are noted. Include the following information:</li> <li>Draw approximate location of floor and/or wall cracks/openings on site map.</li> <li>Note the length of the crack/opening. Note the width of the crack/opening.</li> </ul>	700	
1. Inspect the SSDS Blower Enclosure.	-	
<ul> <li>Any rust or other debns (bird nest, etc.) in or on SSDS Vent Stack?</li> <li>Is the rain cap missing on the Vent Stack?</li> <li>Is the SSDS blower unit functioning at a lower air flow than previously observed?</li> <li>Is the spare blower unit stored in the designated secure location in the school?</li> </ul>	7	
Is the rain cap missing on the Vent Stack?	10	
Is the SSDS blower unit functioning at a lower air flow than previously observed?	NO	*
Is the spare blower unit stored in the designated secure location in the school?	No	
Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	V	
Does the Building Management System (BMS) indicate any SSDS failure?	1/0	
Walk and inspect the entire exterior property.	9	
Are there any significant cracks or deterioration of the paved areas?	1/0	
Has there been any removal of any pavement?	116	
Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	110	
Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	110	
Have any structures been constructed on the unpaved areas?	110	
Are there any signs of intrusive activities?	1/0	
Minur Cracks around the Building		
Corve Cracking by drain on the Re	dside	
to the fillin Entrence is Sinking		Tenns Court
and of the Blue Main to the bed torium all	very l	sehind loading Do
Inspector's Signature:		
of of crocks the cond the	Builden	y that's Sinking
since then it has been leaking in the	uncrect. Ulta	OLD EXIT

Custodial Engineer Monthly or Severe Condition Ins	pection Form	
Vapor Barrier and SSDS		
Inspector's Name: Eric Jackson		
Inspection Date/Time: $6 - 4 - 17$		
Purpose: (circle one) Monthly Inspection Severe Condition Inspe	ection	•
Walk the entire basement floor	Yes/No*	Notified Person / Date
	14	
Any visible cracks in the basement floor?     Any visible cracks in the basement wall?     Any other visible openings (unintended) in either the floor or walls?     Draw approximate location of floor cracks/openings on site map.     Any construction activities in basement affecting basement floor/ walls?     Notification of DSF is required if cracks are noted. Include the following informations.	No	
Any other visible openings (unintended) in either the floor or walls?	NO	
Draw approximate location of floor cracks/openings on site map.	NO	1
Any construction activities in basement affecting basement floor/ walls?	10	
<ul> <li>Notification of DSF is required if cracks are noted. Include the following information:         <ul> <li>Draw approximate location of floor and/or wall cracks/openings on site map.</li> <li>Note the length of the crack/opening. Note the width of the crack/opening.</li> </ul> </li> </ul>	10	
1. Inspect the SSDS Blower Enclosure.		
Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	1/10	
Is the rain cap missing on the Vent Stack?	NO	
<ul> <li>Is the SSDS blower unit functioning at a lower air flow than previously observed?</li> </ul>	10	*
Is the spare blower unit stored in the designated secure location in the school?	149	
<ul> <li>Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?</li> </ul>	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
Does the Building Management System (BMS) indicate any SSDS failure?	10	
Walk and inspect the entire exterior property.	V	
Are there any significant cracks or deterioration of the paved areas?	10	
Has there been any removal of any pavement?	1/0	
Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?  Has there been any vehicular to the pavement of the paveme	1/0	
Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	120	
Have any structures been constructed on the unpaved areas?  Are there any signs of intrusive activities?	110	
	110	
Vinor Cracks around the Building		
Drue is sperating by drain on the Red	side	
ight fole by Main Entrance is sinking in	e side by in Also be	(Team's Court) hind loading Doe Verk loose
Inspector's Signature: There's a lot of swesar grates around a lot of Cracles in the steel From 12-28-16-12-30-16 Pro Con dug up d since then it has been leaking in		
5 - 10 02 10 12 20-16 R. C- dex 100	the conc	reck Ots Ex

Γ	Custodial Engineer No. 111		
	Custodial Engineer Monthly or Severe Condition Insp Vapor Barrier and SSDS	ection Form	
	Inspector's Name: Errc Jackson Inspection Date/Time: 7-8-17  Purpose: (circle one) Monthly Inspection Severe Condition Inspec	·: tlon	
$\perp$	1 Walk the option to	Yes/No*	Notified Person / Date
1 2	Malk the entire basement floor     Any visible cracks in the basement floor?	4	
VAPOR BARRIER INSPECTION	Any visible cracks in the basement wall?	NOO	
N N	Any other visible openings (unintended) in either the floor or walls?	No	
RRIF	Draw approximate location of floor cracks/openings on site map.	NO	
DR BA	Any construction activities in basement affecting basement floor/ walls?	No	
A. VAPO	Draw approximate location of floor and/or wall cracks/openings on site map.     Note the length of the crack/opening. Note the width of the crack/opening.	NO	
	1. Inspect the SSDS Blower Enclosure.		
NOF	Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	1 vo	
PEC	Is the rain cap missing on the Vent Stack?	<del>                                     </del>	
SSDS INSPECTION	<ul> <li>Is the SSDS blower unit functioning at a lower air flow than previously observed?</li> </ul>	10	*
ı	Is the spare blower unit stored in the designated secure location in the school?	NO XX	
шi	• Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	NO NO	
	Does the Building Management System (BMS) indicate any SSDS failure?	110	
CTION	Walk and inspect the entire exterior property.     Are there are size if	y	
	Are there any significant cracks or deterioration of the paved areas?  Has there been any removal of any pavement?	No	-
R INS	Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	110	
EXTERIOR INSPE	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	110	
1	Have any structures been constructed on the unpaved areas?	10	
0	Are there any signs of intrusive activities?	NO	
l	1.	NO	
ACTIONS TAKEN	brue Cracking by drain on the Red,	side	
D. ACTION	ight pole by Main Entrance is Sinking in A	so behing	by (Teamis Coort
	Inspector's Signature:	vim ar	e very bose

1) Though a lot of gweser grahers around the Building that's sinking in Also a lot of cracks in the street of the Building that's sinking in a) from 12-28-16-12-30-14 fro can duy up the concreet bls ExoF L and since then it has been leaking in the MEL'S starger Room oo 69

		ja kan mangan sakaran sakaran Sakaran	· · · · · · · · · · · · · · · · · · ·
, *.		<b>,</b>	
	Custodial Engineer Monthly or Severe Condition Ins		
	Vapor Barrier and SSDS	spection Form	
	Inspector's Name: Eric Jakson		
	Inspection Date/Time: 2.5-/7		
	Purpose: (circle one) Monthly Inspection Severe Condition Inspe	action	・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・
-		Yes / No* . Notified Person	
.	1. Walk the entire basement floor	1/	Date
	<ul> <li>Any visible cracks in the basement floor?</li> <li>Any visible cracks in the basement wall?</li> <li>Any other visible openings (unintended) in either the floor or walls?</li> <li>Draw approximate location of floor cracks/openings on site map.</li> <li>Any construction activities in basement affecting basement floor/ walls?</li> <li>Notification of DSF is required if cracks are noted. Include the following information.</li> </ul>	10	
	Any visible cracks in the basement wall?		
. ]	Any other visible openings (unintended) in either the floor or walls?	No	
	Draw approximate location of floor cracks/openings on site map.	NO	
6	Any construction activities in basement affecting basement floor/ walls?	No	
	Notification of DSF is required if cracks are noted. Include the following information  - Draw approximate location of floor and to the following information.	NO	
<	Draw approximate location of floor and/or wall cracks/openings on site map.     Note the length of the crack/opening. Note the width of the crack/opening.		
` [	1. Inspect the SSDS Blower Enclosure.		
Z	Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	<u> </u>	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ECT	Is the rain cap missing on the Vent Stack?	10	
NSP	<ul> <li>Is the SSDS blower unit functioning at a lower air flow than previously observed?</li> </ul>	10	→ 日本中の中華教養養物理 日本中の中華教養教養
SDS INSPECTION	Is the spare blower unit stored in the designated secure location in the school?	10	
B. S.		V	
	Can you rotate the blower wheel of the spare unit to venfy it is properly lubricated?     Does the Building Management 0.	Ty	
-	Does the Building Management System (BMS) indicate any SSDS failure?	NO	
NO	Walk and inspect the entire exterior property.		
EXTERIOR INSPECTION	Are there any significant cracks or deterioration of the paved areas?	1/20	
INSP	Has there been any removal of any pavement?	1/0	
SIOR	<ul> <li>Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?</li> </ul>	110	
XTE	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	NO	
C.	Have any structures been constructed on the unpaved areas?	NO	
	Are there any signs of intrusive activities?	NO	
	I'mor Cracks around the Boulden	NU	
TAKEN	CIENCIA CONTRACTOR OF THE CONT		
17 \$ 7.7	OVIJE ILS SAGNOLIN L. III ON THE KER	Side	
ACTIONS	isht pule hithe day it to loading dack to	rd Sick by (Tennis	Ccuf)
	exist pole by the Blovenstentvence is sinker evers by the Bleetin to the And Ferry	by in Wsabehind H	loods bed
	avers of the Bleffin to the Auditorim are Inspector's Signature: 9 xx ham	Very loose	
. 1	here's a lot of sweser Grate ara	ibd to a st	
Also	a lot of cracks in the Street	7.	Horrs Schylly 15
and	on 12.22-18 +2-30-16 Pro Con des up Since then it's has been leaking in t	the MELS Storage	Lx.f Co65
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	/	

Section of the Control of the Contro

· .						1000
./	Custodial Engineer Monthly or Severe Condition Insp Vapor Barrier and SSDS	pection Form		1		
	Inspector's Name: Eriz Jacks on					
	Inspection Date/Time: 9- 9-17		·			
	Purpose: (circle one) Monthly Inspection Severe Condition Inspec	etion			子 寺 古谷子	
ŀ	Walk the entire basement floor	Yes/No* N	lotified Person / Date			
	Any visible cracks in the basement floor?	17.				Anna Java
	Any visible cracks in the basement floor?  Any visible cracks in the basement wall?  Any other visible openings (unintended) in either the floor or walls?  Draw approximate location of floor cracks/openings on site map.	No		7		, å
.	Any other visible openings (unintended) in either the floor or walls?	NO		7		
	Draw approximate location of floor cracks/openings on site map.	NO		7	等表質	
	Any construction activities in basement affecting basement floor/ walls?	NO		7		
	Any construction activities in basement affecting basement floor/ walls?  Notification of DSF is required if cracks are noted. Include the following information:  Draw approximate location of floor and/or wall cracks/openings on site map.  Note the length of the crack/opening. Note the width of the crack/opening.	NO				
~	1. Inspect the SSDS Blower Enclosure.					
Z	Any rust or other debns (bird nest, etc.) in or on SSDS Vent Stack?	V			明	
INSPECTION	Is the rain cap missing on the Vent Stack?	No				
INS	Is the SSDS blower unit functioning at a lower air flow than previously observed?	NO	*		李 原基	
SOSS	is the spare blower unit stored in the designated secure location in the schools	10				
Б	Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	Y.				
	Does the Building Management System (BMS) indicate any SSDS failure?	1/0:				
Z	Walk and inspect the entire exterior property.	No.		•		
NOLLO	Are there any significant cracks or deterioration of the paved areas?	<u> </u>				1 2 1 3 1
EXTERIOR INSPE	Has there been any removal of any pavement?	10				
IOR	Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	NO				
. Zien	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	NO				
i i	Have any structures been constructed on the unpaved areas?	10				
	Are there any signs of intrusive activities?	NO				e E
z	liner Cracks around the building	NO				
TAKEN	Wire I waster he	1			1. 人類 2. 人類 2. 人類	
L SNC	were is specially by the loading dock lates	de				
ACTIONS	ight pule by the Main Futures	1	(Court)			
	evers by the Blue Main to Aditorium are ver	4150 phing th	ne load in dock		· 1000年 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000	
1)	Inspector's Signature:	Y 10850				
y thou	lot of of swefer wrates abound the Bu lot of cracks in the Street dos up the con 12-92-16 / 12-30-16 for Can dos up the con Since then it's has been leaking in the	silding that	Sinkim in			
2) from	12-97-16 / 12-30-16 Pro Can dog up the con	crect cls E	Fort G		- Pel -	r C
and	since then it's has been leaking in the,	MELS Sto	wiss hoom h	500m	י טע	<b>7</b> €

	Custodial Engineer Monthly or Severe Condition Insp Vapor Barrier and SSDS	pection Form	
	Inspector's Name: Eric Jacksen		
	Inspection Dato/Time: 10-7-17		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Purpose: (circle one) Monthly Inspection Severe Condition Inspec	Ction	
	1. Walk the entire basement floor	Yes / No* . Notifled Person / Da	te
	Any visible cracks in the basement floor?  Any visible cracks in the basement wall?  Any other visible openings (unintended) in either the floor or walls?  Draw approximate location of floor cracks/openings on site map.	17/	
	Any visible cracks in the basement wall?	No	
	Any other visible openings (unintended) in either the floor or walls?	No	
	* Draw approximate location of floor cracks/openings on site map.	10	
		NO	
0000	Notification of DSF is required if cracks are noted. Include the following information:	NO	
	Inspect the SSDS Blower Enclosure.		
Z		l V	
SSDS INSPECTION	Is the rain cap missing on the Vent Stack?	No	
INSP	' Is the SSDS blower unit functioning at a lower air flow than previously observed?	NO	
SOS	Is the spare blower unit stored in the designated secure location in the school?	10	
B. S	Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	Y.	_
	Does the Building Management System (BMS) indicate any SSDS failure?	4	
	Walk and inspect the entire exterior property.	No.	
PECTION	Are there any significant cracks or deterioration of the paved areas?	Y	-
SPEC	Has there been any removal of any pavement?	10	+
EXTERIOR INS	' Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	No	
ERIO	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	NO	
EXT .	Have any structures been constructed on the unpaved areas?	10	
U.	Are there any signs of intrusive activities?	1/0	1
	out of intrusive activities?	No	1
N.	Minur Cracks around the Building		
1AK	wire ( wacker h. )	ide	
ACTIONS TAKEN	We is spreatchy by the loudows dock that's	side by (Times Court)	
	went full by the Main Entrance is Soulking in		1
0 1	The Dive Main to Anditorium and the	y lossed the loss on doing	
4	Inspector's Signature:		1
50 h	lot of cracks in the Street dos up the Bonce than 12-32-16 for Can dos up the consider the Street dos up the consider that I the since then 14's has been leaking in the	villing that sinkin in	J († )
finn	12-97-16 / 12-30-16 Pro Can dog up the con	icrect cls Ent L	1
dana.	Since from it's has been leaking the	MEL'S Storings hoom	hom 00

F		Custodial Engineer Monthly or Severe Condition Insp Vapor Barrier and SSDS	100		
		Inspector's Name: Eriz Jacksei			
		Inspection Date/Time: ([ -   /- ( 7			
-	· ·	Purpose: (circle one) Monthly Inspection Severe Condition Inspec	tion		
_		Walk the entire basement floor	Yes/No*	Notified Person / D	ate
	VAPOR BARRIER INSPECTION	Any visible cracks in the basement floor?	7,		
	SPEC	Any visible cracks in the basement wall?	No		
	R IN	Any other visible openings (unintended) in either the floor or walls?	No		
	RRIE	Draw approximate location of floor cracks/openings on site map.	NO		
9	JR BA	Any construction activities in basement affecting basement floor/ walls?	NO		
- 1	A. VAPC	<ul> <li>Notification of DSF is required if cracks are noted. Include the following information:</li> <li>Draw approximate location of floor and/or wall cracks/openings on site map.</li> <li>Note the length of the crack/opening. Note the width of the crack/opening.</li> </ul>	NO		
		1. Inspect the SSDS Blower Enclosure.	+ , /		
NO O	5	: Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	\\		
INSPECTION		Is the rain cap missing on the Vent Stack?	No		
INSP		Is the SSDS blower unit functioning at a lower air flow than previously observed?	NO		
SSDS		Is the spare blower unit stored in the designated secure location in the school?	10		T in
69		Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	Y		
	1	Does the Building Management System (BMS) indicate any SSDS failure?	4		
	1	. Walk and inspect the entire exterior property.	NO.		• • • • • • • • • • • • • • • • • • • •
CTION	1	Are there any significant cracks or deterioration of the paved areas?	Y		
	F	Has there been any removal of any pavement?	NO		
ERIOR INSPE	[-	is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	NO		
TERI	•	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	NO		
C. EXT	٠	Have any structures been constructed on the unpaved areas?	NO		
		Are there any signs of intrusive activities?	NO		
	M	INIX CVE CVE COURSE II . V II	NO		
TAKEN	(	inor Cracks around the building			
NS 17	a		در په		
D. ACTIONS	Pai	ght pole by the Moun Entrance is Sinking in	Sice by (	Temis Court)	504
		vers by the Blue Main to Aditorium are ver	y 10850		
ho	V-4	es a lot of sweler Errates abound the B	oct I ma	H. f. such	
i h	`	lot of Evac's in the Street dug up the Con 12-72-16 / 12-30-16 Pro Con dug up the con Since then it's has been leaking in the	ucheck	INUT JUNKIM IN	
-VOV	n	12-96-16 / 12-30-16 Pro Cere duy	11-11	11 000	A was

Purpose: (circle one) Monthly Inspection Severe Condition Inspection		Inspector's Name: $Friz$ Jacks or Inspection Date/Time: $12 - 5 - 17$		
Notification of DSF is required if cracks are noted. Include the following information:  Output  Notification of DSF is required if cracks are noted. Include the following information:  Oraw approximate location of floor and/or wall cracks/openings on site map.  Any construction activities in basement affecting basement floor/ walls?  Notification of DSF is required if cracks are noted. Include the following information:  Oraw approximate location of floor and/or wall cracks/openings on site map.  Note the length of the crack/opening. Note the width of the crack/opening.  1. Inspect the SSDS Blower Enciosure.  Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?  Is the SSDS blower unit functioning at a lower air flow than previously observed?  Is the spare blower unit stored in the designated secure location in the school?  Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?  Does the Building Management System (BMS) indicate any SSDS failure?  Woll walk and inspect the entire exterior property.  Are there any significant cracks or deterioration of the paved areas?  Has there been any removal of any pavement?  Has there been any vehicular use on the unpaved areas?  Has there been any vehicular use on the unpaved areas?  Has there been constructed on the unpaved areas?  Has any structures been constructed on the unpaved areas?  Has any structures been constructed on the unpaved areas?		Inspection Date/Time: 12-5-17		
NOLOGO Any visible cracks in the basement floor?  Any visible cracks in the basement mail?  Any other visible openings (unintended) in either the floor or walls?  Draw approximate location of floor cracks/openings on site map.  Any construction activities in basement affecting basement floor/ walls?  Notification of DSF is required if cracks are noted. Include the following information:  Draw approximate location of floor and/or wall cracks/openings on site map.  Note the length of the crack/opening. Note the width of the crack/opening.  Note the length of the crack/opening. Note the width of the crack/opening.  Inspect the SSDS Blower Enclosure.  Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?  Is the rain cap missing on the Vent Stack?  Is the spare blower unit functioning at a lower air flow than previously observed?  Is the spare blower unit stored in the designated secure location in the school?  Can you rotate the blower wheel of the spare unit to venfy it is properly lubricated?  Does the Building Management System (BMS) indicate any SSDS failure?  Note there any significant cracks or deterioration of the paved areas?  Has there been any removal of any pavement?  Is there any soil washing or erosion (guifles, soil washed out onto the pavement)?  Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?  Have any structures been constructed on the unpaved areas?		Purposes (elimber)	lon	
Any visible cracks in the basement floor?  Any visible cracks in the basement wall?  Any other visible openings (unintended) in either the floor or walls?  Draw approximate location of floor cracks/openings on site map.  Any construction activities in basement affecting basement floor/ walls?  Notification of DSF is required if cracks are noted. Include the following information:  Draw approximate location of floor and/or wall cracks/openings on site map.  Note the length of the crack/opening. Note the width of the crack/opening.  1. Inspect the SSDS blower Enclosure.  Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?  Is the rain cap missing on the Vent Stack?  Is the spare blower unit functioning at a lower air flow than previously observed?  Is the spare blower unit stored in the designated secure location in the school?  Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?  Does the Building Management System (BMS) indicate any SSDS failure?  1. Walk and inspect the entire exterior property.  Are there any significant cracks or deterioration of the paved areas?  Has there been any removal of any pavement?  Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?  Have any structures been constructed on the unpaved areas?	-	1. Walk the entire bacoment for	Yes/No*	Notified Person /
Note the length of the crack/opening. Note the width of the crack/opening.  In Inspect the SSDS Blower Enclosure.  Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?  Is the rain cap missing on the Vent Stack?  Is the SSDS blower unit functioning at a lower air flow than previously observed?  Is the spare blower unit stored in the designated secure location in the school?  Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?  Does the Building Management System (BMS) indicate any SSDS failure?  WO  WO  Note the entire exterior property.  Are there any significant cracks or deterioration of the paved areas?  Has there been any removal of any pavement?  Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?  Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?  Have any structures been constructed on the unpaved areas?	2		14	
Note the length of the crack/opening. Note the width of the crack/opening.  In Inspect the SSDS Blower Enclosure.  Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?  Is the rain cap missing on the Vent Stack?  Is the SSDS blower unit functioning at a lower air flow than previously observed?  Is the spare blower unit stored in the designated secure location in the school?  Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?  Does the Building Management System (BMS) indicate any SSDS failure?  Note there any significant cracks or deterioration of the paved areas?  Has there been any removal of any pavement?  Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?  Have any structures been constructed on the unpaved areas?	I DE	Any visible cracks in the basement floor?	N.	
Note the length of the crack/opening. Note the width of the crack/opening.  In Inspect the SSDS Blower Enclosure.  Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?  Is the rain cap missing on the Vent Stack?  Is the SSDS blower unit functioning at a lower air flow than previously observed?  Is the spare blower unit stored in the designated secure location in the school?  Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?  Does the Building Management System (BMS) indicate any SSDS failure?  Note there any significant cracks or deterioration of the paved areas?  Has there been any removal of any pavement?  Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?  Have any structures been constructed on the unpaved areas?	d S N	Any visible cracks in the basement wall?	1/0	
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Note the length of the crack/opening. Note the width of the crack/opening.  In Inspect the SSDS Blower Enclosure.  Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?  Is the rain cap missing on the Vent Stack?  Is the SSDS blower unit functioning at a lower air flow than previously observed?  Is the spare blower unit stored in the designated secure location in the school?  Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?  Does the Building Management System (BMS) indicate any SSDS failure?  WO  WO  Note the entire exterior property.  Are there any significant cracks or deterioration of the paved areas?  Has there been any removal of any pavement?  Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?  Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?  Have any structures been constructed on the unpaved areas?	ORE	Any construction activities in basement affecting basement floor/ walls?	110	
Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?  Is the rain cap missing on the Vent Stack?  Is the SSDS blower unit functioning at a lower air flow than previously observed?  Is the spare blower unit stored in the designated secure location in the school?  Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?  Does the Building Management System (BMS) indicate any SSDS failure?  Wolliams there any significant cracks or deterioration of the paved areas?  Has there been any removal of any pavement?  Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?  Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?  Have any structures been constructed on the unpaved areas?	7.1	- Uraw approximate location of floor and/or wall constrained.		
Is the rain cap missing on the Vent Stack?  Is the SSDS blower unit functioning at a lower air flow than previously observed?  Is the spare blower unit stored in the designated secure location in the school?  Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?  Does the Building Management System (BMS) indicate any SSDS failure?  1. Walk and inspect the entire exterior property.  Are there any significant cracks or deterioration of the paved areas?  Has there been any removal of any pavement?  Is there any soil washing or erosion (guillies, soil washed out onto the pavement)?  Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?  Have any structures been constructed on the unpaved areas?		1. Inspect the SSDS Blower Enclosure.		
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Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?  Does the Building Management System (BMS) indicate any SSDS failure?  1. Walk and inspect the entire exterior property.  Are there any significant cracks or deterioration of the paved areas?  Has there been any removal of any pavement?  Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?  Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?  Have any structures been constructed on the unpaved areas?	SDS	Is the spare blower unit stored in the designated secure location in the	NO	
Does the Building Management System (BMS) indicate any SSDS failure?  1. Walk and inspect the entire exterior property.  Are there any significant cracks or deterioration of the paved areas?  Has there been any removal of any pavement?  Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?  Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?  Have any structures been constructed on the unpaved areas?	1	Can you rotate the blower wheel of the space unit to you to the space unit to you fail to you for it is a space unit to you fail to you for it is a space unit to you fail to you fail to you for it is a space unit to you fail to y	4	
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Are there any significant cracks or deterioration of the paved areas?  Has there been any removal of any pavement?  Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?  Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?  Have any structures been constructed on the unpaved areas?			No.	
Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?  Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?  Have any structures been constructed on the unpaved areas?	NO NO		Y	
Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?  Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?  Have any structures been constructed on the unpaved areas?	PECI	Has there been any removed of any	NO	
O The any structures been constructed on the unpaved areas?			No	
United any structures been constructed on the unpaved areas?	RIOR	Has those have	110	
o late any structures been constructed on the unpaved areas?	X	has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	10	
Are there any signs of intrusive activities?	i		110	
· · · · · · · · · · · · · · · · · · ·		Are there any signs of intrusive activities?	1/0	
z Minur Cracks ground the Killing	A KEI	This Con by h	e la constant de la c	
Cure Cracken he down to the	IS (	12012 6 5026-11	11/	
Evere cracking by drain on the Red Side	티	icht Delle hith Michigan	ace hy (1	imis Court)
Circe Cracking by drain on the Red Side  (wor is spreating by the louding dock the side by (Temis Court)		SIMICING (A	Also phi	of the local cons
Circle Cracking by drain on the Red Side (we is specify by the louding dock the side by (Temis Court) light pule by the Main Entrance is Sinking in the lording lawers by the Blue How to I I'm.		Inspector's Signature: C.	7	
Carre Cracking by drain on the Ked Side  (we is spreating by the loading dock the side by (Times Court)  light pule by the Main Entrance is Sinking in the loading  lovers by the Blue Main to Aditorium are very losse	hor	es a let of swelve brutes the I the R		
Circe Cracking by drain on the Red Side  Ever is spreating by the loading dock the side by (Temis Court)  light pule by the Main Entrance is Sinking in the hording  lospector's Signature.  Inspector's Signature.	, h	lot of Cracks in the Street	unday 1	hot sinkim i
Curve cracking by drain on the Red Side (Times Court) ight pule by the Main Entrance is Sinking in Alfahhing the losding are the 10 the losding. I have by the Blue Main to Aditorium are the 10 the	1	12-97-16 / 12-20-16 Pro Con dos up the con	icrect c	ols Exit G

	Custodial Engineer Monthly or Severe Condition Insp Vapor Barrier and SSDS	ection Form		
	Inspector's Name: Eric Jacks of			$\exists$
	Inspection Date/Time: 1-7-1-8			
	Purpose: (circle one) Monthly Inspection Severe Condition Inspec		in the second se	
-	Severe Condition Inspection	ction		
-	1. Walk the entire basement floor	Yes/No*.	Notified Person / Date	
NOL	Any visible cracks in the basement floor?	7		
VAPOR BARRIER INSPECTION	Any visible cracks in the basement wall?	$\mathcal{N}_{\mathcal{O}}$		
SINS	• Any other visible openings (unintended) in either the floor or walls?	No		
RIE	Draw approximate location of floor cracks/openings on site map.	1/0		
3 BA	Any construction activities in basement affecting basement floor/ walls?	NO		
APO	"Notification of DSF is required if cracks are noted. Include the following information:  Draw approximate location of floar and the second of	NO.		1
Α. <				
	1. Inspect the SSDS Blower Enclosure,			
NO	Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	1		
INSPECTION	Is the rain cap missing on the Vent Stack?	No	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	7
INSP	Is the SSDS blower unit functioning at a lower air flow than previously observed?	NO		
SSDS	Is the spare blower unit stored in the designated secure location in the school?	120		1
. S	Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	Y		
	* Does the Building Management System (BMS) indicate any SSDS failure?	4		
	Walk and inspect the entire exterior property.	No.		
NOILO	Are there any significant cracks or deterioration of the paved areas?	Y		
11	Has there been any removal of any pavement?	NO		
devil vi	Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	NO		
	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	NO		
;  -	Have any structures been constructed on the unpaved areas?	10		
·	Are there any signs of intrusive activities?	NO		
1		NO		
1	Thur Cracks around the Building			
	wire (racking by drain on the Red of	ide		
1	ill and by I'm the loading dock the	1 1 7	imis Court)	
D	The Main Entrance is Sinking (	Mohhin	the lost on drik	
	lospector's Signature:	y 10850	, , , , , , , , , , , , , , , , , , , ,	
DV.	es a lat of curelon hands	9 .1 .		
a	es a lot of sweler brates abound the 1 lot of cracks in the street dog up the co 12-97-16 / 12-30-16 Pro Con dog up the co since then it's has been leaking in the	Dully in H	not sonkim in	
114	12-97-16 / 12-30-16 Pro Cen dog up the Co	ucrect Co	15 Exit L	Λ

	Inspector's Name: Eric Jacksei				
	Inspection Date/Time: 2-(1-(\$				
	Purpose: (circle one) Monthly Inspection Savara Condition Inspection				
-	Severe Condition Inspec	tion		: 설명 등 중요한 	
-	Walk the entire basement floor	Yes / No	* Notified F	Person / Date	
Z		14			
PEC	Any visible cracks in the basement wall?	No		04 + 1	
RINS	Any other visible openings (unintended) in either the floor or walls?	No			
VAPOR BARRIER INSPECTION	Praw approximate location of floor cracks/openings on site map.	10			
OR B/	Any construction activities in basement affecting basement floor/ walls?	NO			
A. VAP	<ul> <li>Notification of DSF is required if cracks are noted. Include the following information:</li> <li>Draw approximate location of floor and/or wall cracks/openings on site map.</li> <li>Note the length of the crack/opening. Note the width of the crack/opening.</li> </ul>	NO		200	
	1. Inspect the SSDS Blower Enclosure.				
NOI	Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	V			
SSDS INSPECTION	Is the rain cap missing on the Vent Stack?	NO	ļ		
SINS	Is the SSDS blower unit functioning at a lower air flow than previously observed?	NO			
SSD	Is the spare blower unit stored in the designated secure location in the school?	10			
œ,	· Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	7			
_	Does the Building Management System (BMS) indicate any SSDS failure?	1/0			
NO.	Walk and inspect the entire exterior property.  Are there against 5.	4			
PECTION	Are there any significant cracks or deterioration of the paved areas?  Has there been any removal of any pavement?	10			
- LAIERIUR INS	Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	No			
	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	NO			
.	Have any structures been constructed on the unpaved areas?	10			
·	Are there any signs of intrusive activities?	NO			
1	liner Cracks around the building	NO		W.	
(	Dring - Con - test h	ide			
	we is specifing by the louding dock the	ade by	Temis Co	T)	
	upt pole by the Moun Entrance is Sinking in	Mach	in the lo	com de de	
	inspector's Signature: L	y 1084	52	, 10:5	
DV	els a lot of sweler brates chan I the R	.,,17	11 /		· · · · · · · · · · · · · · · · · · ·
ű	sels a lot of sweler wrates abound the B lot of cracks in the Street dog up the con 12-92-16 / 12-30-16 Pro Con dog up the con Sinc-c than it's has been leaking in the	on only	That Sink	Crm: 1h	





**Attachment 3 Training Acknowledgements** 



104 East 25<sup>th</sup> St, 10<sup>th</sup> Floor New York, NY 10010-2917 www.cardnoatc.com 212-353-8280 Fax 212-353-8306

## **Annual Training Acknowledgement Engineering Controls Operation and Maintenance**

Custodian/Fireman: Elic Jackson
I, Erro Sackson, received annual refresher training on Engineering Controls Operation and Maintenance by ATC Group Services, LLC (ATC) on 6-7-6. As part of the annual refresher training I conducted a walkthrough with ATC during which all elements covered by the Operation and Maintenance Plan were explained to me including the completion of the daily logs and monthly inspection form.
Signed by: Date: 6-7-16  Custodian/Fireman
Recommendations:
1. As per the OAM, replace blower sealed bearings (Every 2
2. Surficial cracks in the turf, roadway, some loose pavers,
settled sever grates with cracking around them should
be repaired /caulked.



104 East 25<sup>th</sup> St, 10<sup>th</sup> Floor New York, NY 10010-2917 www.cardnoatc.com 212-353-8280 Fax 212-353-8306

## **Annual Training Acknowledgement Engineering Controls Operation and Maintenance**

Location: AGG6
Custodian/Fireman: Erve Rekson
I, Brie Tacks, received annual refresher training on Engineering Controls Operation and Maintenance by ATC Group Services, LLC (ATC) on 10/3/14. As part of the annual refresher training I conducted a walkthrough with ATC during which all elements covered by the Operation and Maintenance Plan were explained to me including the completion
Signed by: Que form.  Date: 70-3-17  Custodian/Fireman
Recommendations:
Dhaplace blower sealed bearings in SSDS Jan Unit. 2) Adjust outled passure gauge to read "Zero" alen SSDS is of
1) Place log soil and seed of gray a Mile Sur Entances
5) Repair grades on terms fibelles ball courts & sole wilk euros.



104 East 25<sup>th</sup> St, 10<sup>th</sup> Floor New York, NY 10010-2917 www.cardnoatc.com 212-353-8280 Fax 212-353-8306

## **Annual Training Acknowledgement Engineering Controls Operation and Maintenance**

Location:
Custodian/Fireman: Ene Jackson
I,, received annual refresher training on Engineering Controls Operation and Maintenance by ATC Group Services, LLC (ATC) on As part of the annual refresher training I conducted a walkthrough with ATC during which all elements covered by the Operation and Maintenance Plan were explained to me including the completion of the daily logs and monthly inspection form.
Signed by: Custodian/Fireman  Date: 2-11/8
Recommendations:
1) Replace blower seded begans in SSNS Januarit
2) Replice outlit passive juege
3) Monter forthis crooks in Rosen co > Euro 5 on recessary
2) Place les Es land seed whore est new 2 ser entonies
5) Regain cracks on tenis today boll works Esidenthe earths
1) Complete semi-annual repetion forms gourded.





## Attachment 4 Photographic Documentations



Photo 1: View of typical bare concrete floor in Room 0021.



Photo 3: View of typical minor crack on the tennis court.



Photo 5: View of spare SSDS fan motor in Room 0005.



Photo 2: View of BMS connected to the SSDS fan unit (2017).



Photo 4: View of typical pavers.



Photo 6: View of SSDS vacuum gauge.



Photo 7: View of repaired pavers around the perimeter of the school.



Photo 8: Areas of eroded soil topped with top soil and mulch on May 17, 2018.



Photo 9: View of recaulked areas around the perimeter of the school.



Photo 10: View of repaired pavers around the perimeter of the school.



Photo 11: View of new motor installed on November 7, 2018.



Photo 12: View of new outlet pressure gauge installed on September 17, 2018.





Attachment 5
Annual Inspection Forms

Annual Inspection Form	
Metropolitan Avneue - 167Q	
Inspector's Name: Nancy Guevara, Husam Weather Conditions: Sunny 854 Inspection Date: 6/7/16 Zeidan Air Temperature (°F): Inspection Time: Comments: Met Enc Jackson - Five man	,
A. PRE INSPECTION CHECKLIST  * Schedule Annual Inspection when school is not occupied by students.  * Review 12 Previous Monthly Inspection Checklists.  * Meet with Custodian and Principal to solicit comments/concerns regarding the operation of the Engineering Controls over the last 12 months.  * Conduct Annual Refresher Training with DOE EHS.  * Comments:	
B. SSDS SYSTEM INSPECTION - Inspect Interior and Exterior of Blower Enclosure  Any rust or other debris in the vicinity of the post, sleeve and discharge cap at the SSDS stack vent?  Any rust or other debris in the vicinity of the inline filter/bird screen?  Is the SSDS blower unit functioning properly and is the spare blower unit available?  Is the inline filter differential pressure guage functioning properly?  Is the blower inlet vacuum indicator functioning properly?  Are the blower outlet pressure guage and temperature guage functioning properly?  Is the discharge flow element functioning properly?  Are the indicator lights on the BMS panel functioning properly?  Are the indicator lights on the BMS panel functioning properly?  Comments (see or hear anything unusual?):  Comments (see or hear anything unusual?):  Any new visible cracks in the basement Floor  Review all cracks or other openings indentified in ground floors during previous inspections.  Any new visible cracks in the basement floor?  Any new visible opening (unintended) in either the floor or walls?  Any new visible cracks in elevator pit or other accessible pits?  Any new visible cracks in elevator pit or other accessible pits?  Note the length of any new cracks/openings in the basement walls.  Draw approximate location of floor cracks/openings that appear to have potential leak through vapor barrier.  Comments:	0001
D. EXTERIOR INSPECTION - Walk Entire Exterior Property  Are there any significant cracks or deterioration of the paved areas? No, Minor Crucking  Has there been any removal of any pavement?  Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?  Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?  Have any structures been constructed on the unpaved areas?  Are there any signs of intrusive activities?  Are there any signs of intrusive activities?  Comments:  15 X 41 Was excarted and refuled to with soil pavem	OX.
D. Repair  Summarize needed/completed repairs to Engineering Controls:  1. Replace blower scaled bearings (every 24% min)  2. Sufficial angles on paduary tryf charging around scare  Grifes Should be causilled posse powers repair	5.
Inspector's Signature:	

	Annual Inspection Form	7
	Metropolitan Avneue - 167Q	
Insp Insp	pector's Name: Grand Aciden  Weather Conditions: Sunf  pection Date: Work of the Conditions of the Con	
A.	PRE INSPECTION CHECKLIST  Schedule Annual Inspection when school is not occupied by students.  Review 12 Previous Monthly Inspection Checklists.  Meet with Custodian and Principal to solicit comments/concerns regarding the operation of the Engineering Controls over the last 12 months.  Conduct Annual Refresher Training with DOE EHS.  Comments:	-
В.	SSDS SYSTEM INSPECTION - Inspect Interior and Exterior of Blower Enclosure  Any rust or other debris in the vicinity of the post, sleeve and discharge cap at the SSDS stack vent?  Any rust or other debris in the vicinity of the inline filter/bird screen?  Is the SSDS blower unit functioning properly and is the spare blower unit available?  Is the inline filter differential pressure guage functioning properly?  Is the blower inlet vacuum indicator functioning properly?  Are the blower outlet pressure guage and temperature guage functioning properly?  Is the dilution air intake functioning properly?  Are the indicator lights on the BMS panel functioning properly?  * Comments (see or hear anything unusual?):	es
C.	BASEMENT INSPECTION - Walk Entire Basement Floor  Review all cracks or other openings indentified in ground floors during previous inspections.  Any new visible cracks in the basement floor?  Any new visible cracks in the basement walls?  Any new visible opening (unintended) in either the floor or walls?  Any new visible cracks in elevator pit or other accessible pits?  Note the length of any new cracks/openings in the basement floor.  Note the length of any new cracks/openings in the basement walls.  Draw approximate location of floor cracks/openings that appear to have potential leak through vapor barrier.  Comments:	\$ 7
D.	* Are there any significant cracks or deterioration of the paved areas?  * Has there been any removal of any pavement?  * Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?  * Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?  * Have any structures been constructed on the unpaved areas?  * Are there any signs of intrusive activities?  Comments:  * Comments:  * Are there any signs of intrusive activities?	capro
D.	Summarize/needed/completed repairs to Engineering Controls:  I feftik how self how g to pure with why stage  That I have to be a few to be	

Annual Inspection Form	
Metropolitan Avneue - 167Q (686 Q)	
Inspector's Name: Husam Zeidan Inspection Date: 2/21/18 Inspection Time: Comments:  Weather Conditions: United Main Temperature (°F): 65	
* Is the Inline filter differential pressure guage functioning properly?  * Is the blower inlet vacuum indicator functioning properly?  * Are the blower outlet pressure guage and temperature guage functioning properly?  * Is the discharge flow element functioning properly?  * Is the dilution air intake functioning properly?  * Are the indicator lights on the BMS panel functioning properly?	yes, on the for
* Comments (see or hear anything unusual?):  ** Comments (see or hear anything unusual?):  ** Review all cracks or other openings indentified in ground floors during previous inspections.  ** Any new visible cracks in the basement floor? ** Any new visible cracks in the basement walls? ** Any new visible opening (unintended) in either the floor or walls? ** Any new visible cracks in elevator pit or other accessible pits? ** Note the length of any new cracks/openings in the basement floor.  ** Note the length of any new cracks/openings in the basement walls. ** Oraw approximate location of floor cracks/openings that appear to have potential leak through vapor barrier. ** Any new potential leak through vapor barrier. ** Any new cracks/openings that appear to have potential leak through vapor barrier. ** Oraments:	
D. EXTERIOR INSPECTION - Walk Entire Exterior Property  * Are there any significant cracks or deterioration of the paved areas?   * Has there been any removal of any pavement?   * Is there any soil washing or erosion (guilles, soil washed out onto the pavement)?   * Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?   * Have any structures been constructed on the unpaved areas?   * Are there any signs of intrusive activities?   Comments:   * Repair	corners flt selvel
Summarize needed/completed repairs to Engineering Controls:  See Codemic Security  Inspector's Signature:	





Attachment 6 Work Order

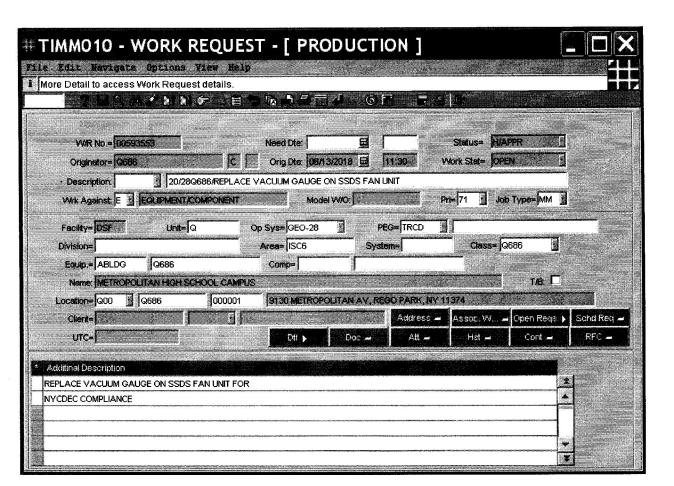
### Work Order Task Written To  Facility: DSF
Division:  Area: ISC6 Sys/Cls: Q686  Equipment: ABLDG Q686 Component:  Work Item: Eqt. List: Ops Review Reqd: N Equip. Tag: Alt:  UTC: Tbl/Brkdwn: (Past 12 mo) Catalog ID: Job Type: CO UCR: GN18  Client/Act: Location: Q00 Q686 000001 9130 METROPOLITAN AV, REGO PARK, NY 11374 Cost Centr: G839 Activity: User Def: Percentage: 100.000 Acct No.: GL  Work Order Task Instructions  /PERFORM ANNUAL SSDS TRAINING 6/11/2018  Contract and Outside Services  Contract Rel Vendor Title
/PERFORM ANNUAL SSDS TRAINING 6/11/2018  Contract and Outside Services  Contract Rel Vendor Title
/PERFORM ANNUAL SSDS TRAINING 6/11/2018  Contract and Outside Services  Contract Rel Vendor Title
Contract Rel Vendor Title
00010821 01141 460399408 /5/28Q686/PERFORM ANNUAL SSDS TRAINING
Completion Comments on Work Performed
Completion Comments Required : N
Comments:
Comments:

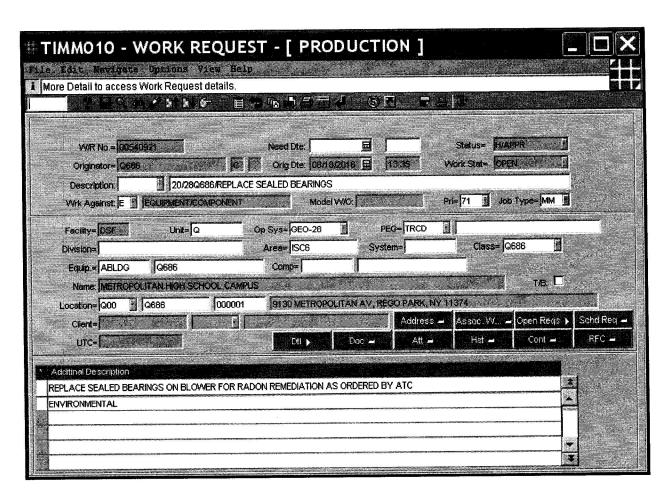


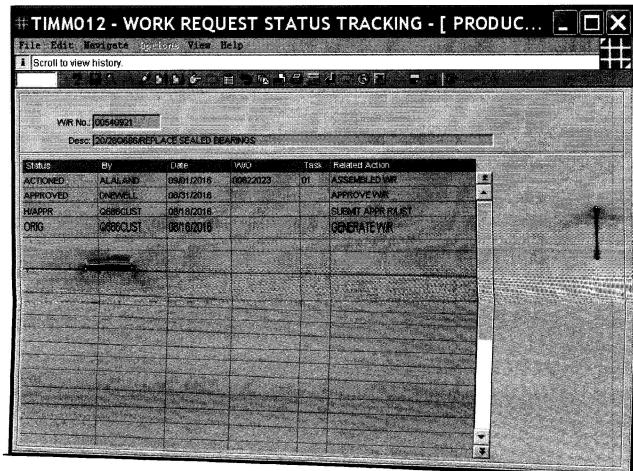


Attachment 7
Project Correspondence

#### #TIMM010 - WORK REQUEST - [ PRODUCTION ] File Edit Wavigate Options View Heip More Detail to access Work Request details. W/R No.= 00593628 Need Dte: Originator= Q686 Orig Dte: 06/14/2018 El Work State | OPEN 08/28Q686/REPAIR LEAK IN FOUNDATION WALL IN ROOM 0069 Description: Wrk Against E : EQUIPMENT/COMPONENT Model VWO: Job Type= 8P • Facility= DSF Unit=Q Op Sys= GEO-28 PEG= TRCD Division= Area= ISC6 System= Class= Q686 Equip.= ABLDG Q686 Comp= Name: METROPOLITAN HIGH SCHOOL CAMPUS те: Г Location= Q00 9686 000001 9130 METROPOLITAN AV, REGO PARK, NY 11374 Client= Address -Assoc W. Open Reas Schol Reg urc=[ 选措 -Cont -RFC = Additinal Description REPAIR LEAK IN FOUNDATION WALL IN ROOM 0069. GROUND WATER COMING IN THROUGH PIPE PENETRATION AFTER PROLONGED PERIODS OF RAIN AND RISING WATER TABLE REPAIR NEEDED FOR NYCDEC COMPLIANCE OF AN ATC INAPECTION







From: Q686 Custodian <CQ686@schools.nyc.gov>

**Sent:** Friday, August 24, 2018 9:49 AM

**To:** Nancy Guevara

**Subject:** Fw: Metropolitan Avenue (Q686) Annual Site Management Report Comments

William Gerhardt Custodian-Engineer Queens Metro High School 91-30 Metropolitan Ave. Forest Hills, NY 11375 718-286-4752

From: Orlan Bernard

Sent: Friday, August 24, 2018 9:30 AM

To: Q686 Custodian; Rodriguez John; Newell David Jr.

Cc: 'Gil Gedeon'; Hemida Mohamed

Subject: Re: Metropolitan Avenue (Q686) Annual Site Management Report Comments

### Thank you

### Sent from my BlackBerry 10 smartphone on the Verizon Wireless 4G LTE network.

From: Q686 Custodian

**Sent:** Friday, August 24, 2018 9:01 AM

To: Rodriguez John; Orlan Bernard; Newell David Jr.

Cc: 'Gil Gedeon'; Hemida Mohamed

Subject: Re: Metropolitan Avenue (Q686) Annual Site Management Report Comments

- #1 Green side approx 350 sq ft Red side - approx 250 sq ft
- #2 Mechanic surveyed on 6/19/18 I have no ETA on completion
- #3 We have not seen an active leak in about a year. We will caulk this weekend and monitor

William Gerhardt Custodian-Engineer Queens Metro High School 91-30 Metropolitan Ave. Forest Hills, NY 11375 718-286-4752 From: Rodriguez John

Sent: Friday, August 24, 2018 8:33 AM

To: Orlan Bernard; Newell David Jr.; Q686 Custodian

Cc: 'Gil Gedeon'; Hemida Mohamed

Subject: Re: Metropolitan Avenue (Q686) Annual Site Management Report Comments

Bill

**DEC** 

As discussed, answer/reply to the three questions noted below as soon as possible.

Thank You

John Rodriguez Director of Facilities Queens South -- Districts 27, 28, 29 JRodriguez80@schools.nyc.gov (347)386-4439

https://na01.safelinks.protection.outlook.com/?url=WWW.NYDSF.COM&data=02%7C01%7C%7C6a40e5179d604332eebe08d609bdca42%7C18492cb7ef45456185710c42e5f7ac07%7C0%7C0%7C0%7C084787676&sdata=kbwCra3HhNTz2KeFApfJy3%2FuRAc3%2Bv%2BguahmHNXSvmc%3D&reserved=0

Original Message From: Orlan Bernard

Sent: Friday, August 24, 2018 7:13 AM To: Newell David Jr.; Rodriguez John Cc: 'Gil Gedeon'; Hemida Mohamed

Subject: Fw: Metropolitan Avenue (Q686) Annual Site Management Report Comments

#### David/John

We are under the gun by DEC to answer the 3

Ouestions below. The CE is not responding to our consultant, so I am reaching out to both of you for assistance.

Thanks

Sent from my BlackBerry 10 smartphone on the Verizon Wireless 4G LTE network.

Original Message

From: Gil Gedeon <gilbert.gedeon@atcgs.com> Sent: Thursday, August 23, 2018 11:16 PM To: Orlan Bernard; Hemida Mohamed Cc: Nancy Guevara; Husam Zeidan

Subject: Fwd: Metropolitan Avenue (Q686) Annual Site Management Report Comments

#### Bernie/Mohamed.

We have not heard from the custodian regarding the below requested items. Per our last conference call with the DEC, we need to addresss these comments ASAP. As such, please assist in addressing the items below.

Regards,

Gil

----- Original message -----

From: Nancy Guevara <nancy.guevara@atcgs.com>

From: Q686 Custodian <CQ686@schools.nyc.gov>

**Sent:** Monday, August 27, 2018 8:11 AM

**To:** Rodriguez John; Nancy Guevara; Ramphal Parmanand; Newell David Jr.

**Cc:** Gil Gedeon; Orlan Bernard; Hemida Mohamed

Subject: Fw: Grow to Learn Mini-Grant The Metropolitan Learning School-GTL ID 1744

Spoke with Mr McCord this morning and he told me the mulch came from a city program. I asked him to send any correspondence he had to verify this and this is what he sent. If there is any further information required please let me know.

William Gerhardt Custodian-Engineer Queens Metro High School 91-30 Metropolitan Ave. Forest Hills, NY 11375 718-286-4752

From: Damon McCord <dmccord@metropolitanels.com>

Sent: Monday, August 27, 2018 7:48 AM

To: Q686 Custodian

Subject: Fwd: Grow to Learn Mini-Grant The Metropolitan Learning School-GTL ID 1744

Here is the email approving the grant application. Our coordinator went to a Greenthumb workshop, which then provides load of mulch and topsoil for garden projects. Greenthumb is through the NYC parks dept.

Damon McCord, Co-Founder

The Metropolitan Expeditionary Learning School

"A School for a Sustainable City"

www.metropolitanels.com

----- Forwarded message ------

From: growtolearn < growtolearn@grownyc.org>

Date: Fri, Jun 21, 2013 at 8:54 AM

Subject: Grow to Learn Mini-Grant The Metropolitan Learning School-GTL ID 1744

To: "dmccord@metropolitanels.com" <dmccord@metropolitanels.com>, "pfinley@metropolitanels.com"

<pfinley@metropolitanels.com>, "cq686@schools.nyc.gov" <cq686@schools.nyc.gov>,

"asewall@metropolitanels.com" <asewall@metropolitanels.com>, "theoxbacon@gmail.com"

<theoxbacon@gmail.com>, "theshiki@gmail.com" <theshiki@gmail.com>

Dear The Metropolitan Learning School Garden Committee,

We are happy to inform you that The Metropolitan Learning School has advanced to the next round of approval to receive a Grow to Learn NYC Mini-Grant.

Due to funding restrictions, we must wait until funding is secured before awarding grants. Your application received positive feedback from the Grow to Learn grant reviewers so you are advancing to the next round.

We plan to make final grant decisions by July 31, 2013 and schedule check pick-ups for the beginning of the school year.

What is the best SUMMER contact information for your garden committee?

Please complete this form [http://form.jotformpro.com/form/31615350616953] with one email and phone number for contacting your school garden committee in July & August. We will include the entire garden committee on any correspondence but want to be sure to have one email address that is being checked frequently in July & August.

If you have specific questions about the status of your grant, please contact us at <a href="mailto:grownyc.org">grownyc.org</a>.

Sincerely, Julianne

Julianne Schrader
Director, Citywide School Gardens Initiative
Grow to Learn NYC
GrowNYC

Get Your School Gardens Growing at <a href="https://www.GrowToLearn.org">www.GrowToLearn.org</a>
Get Involved at <a href="https://www.GrowNYC.org">www.GrowNYC.org</a>

From: Q686 Custodian <CQ686@schools.nyc.gov>
Sent: Monday, September 17, 2018 11:50 AM

To: Nancy Guevara; Lakeram Bryan; Mohamed Meerza

Cc: Gil Gedeon; Orlan Bernard; Hemida Mohamed; Newell David Jr.; Ramphal Parmanand;

Rodriguez John

Subject: Re: Metropolitan Avenue (Q686) Annual Site Management Report Comments

**Attachments:** s w wilson.jpg

S W Wilson was here to replace the gauge

William Gerhardt Custodian-Engineer Queens Metro High School 91-30 Metropolitan Ave. Forest Hills, NY 11375 718-286-4752

From: Nancy Guevara <nancy.guevara@atcgs.com> Sent: Friday, September 14, 2018 4:54:51 PM

To: Lakeram Bryan; Mohamed Meerza

Cc: Gil Gedeon; Orlan Bernard; Hemida Mohamed; Newell David Jr.; Ramphal Parmanand; Q686 Custodian; Rodriguez

John

Subject: RE: Metropolitan Avenue (Q686) Annual Site Management Report Comments

Bryan,

Please confirm Monday afternoon so that I can stop by Tuesday and gather repair and photographic documentation for the DEC report.

Thanks again and have a good weekend,

Nancy Guevara | Project Manager | ATC Group Services LLC +1 212 284 0611 | +1 516 455 6157 mobile

104 E. 25th Street, 8th Floor | New York, NY 10010-2917

+1 212 35 3 8306 fax | nancy.guevara@atcgs.com | www.atcgroupservices.com

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**From:** Lakeram Bryan [mailto:BLakeram@schools.nyc.gov]

Sent: Friday, September 14, 2018 4:39 PM

To: Nancy Guevara <nancy.guevara@atcgs.com>; Mohamed Meerza <MMohamed@schools.nyc.gov>

Cc: Gil Gedeon <gilbert.gedeon@atcgs.com>; Orlan Bernard <BOrlan@schools.nyc.gov>; Hemida Mohamed

<MHemida@schools.nyc.gov>; Newell David Jr. <DNewell@schools.nyc.gov>; Ramphal Parmanand

<PRamphal@schools.nyc.gov>; Q686 Custodian <CQ686@schools.nyc.gov>; Rodriguez John

<JRodriguez80@schools.nyc.gov>

Subject: Re: Metropolitan Avenue (Q686) Annual Site Management Report Comments

From: O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>

Sent: Monday, September 17, 2018 5:04 PM

To: Nancy Guevara

**Cc:** Gil Gedeon; Orlan Bernard; Hemida Mohamed; Q686 Custodian; Lakeram Bryan **Subject:** RE: Metropolitan Avenue (Q686) Annual Site Management PRR Comments

Then I have no objection to waiting and submitting a complete report after the blower repairs are completed in October.

## Jane H. O'Connell

Chief, Superfund and Brownfield Cleanup Section, Division of Environmental Remediation

### **New York State Department of Environmental Conservation**

47-40 21st Street, Long Island City, NY 11101

P: (718) 482-4599 | F: (718) 482-6358 | M: (917) 817-1845 | jane.oconnell@dec.ny.gov

www.dec.ny.gov | ff | 🔄

From: Nancy Guevara [mailto:nancy.guevara@atcgs.com]

Sent: Monday, September 17, 2018 4:49 PM

To: O'Connell, Jane H (DEC) < jane.oconnell@dec.ny.gov>

Cc: Gil Gedeon <gilbert.gedeon@atcgs.com>; Orlan Bernard <BOrlan@schools.nyc.gov>; Hemida Mohamed

<MHemida@schools.nyc.gov>; Q686 Custodian <CQ686@schools.nyc.gov>; Lakeram Bryan

<BLakeram@schools.nyc.gov>

Subject: RE: Metropolitan Avenue (Q686) Annual Site Management PRR Comments

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Jane,

We can submit the report within one week from the replacement of the blower sealed bearings.

Thank you,

Nancy Guevara | Project Manager | ATC Group Services LLC

+1 212 284 0611 | +1 516 455 6157 mobile

104 E. 25th Street, 8th Floor | New York, NY 10010-2917

+1 212 35 3 8306 fax | nancy.guevara@atcgs.com | www.atcgroupservices.com

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From: O'Connell, Jane H (DEC) [mailto:jane.oconnell@dec.ny.gov]

**Sent:** Monday, September 17, 2018 4:40 PM **To:** Nancy Guevara < nancy.guevara@atcgs.com >

Cc: Gil Gedeon <gilbert.gedeon@atcgs.com>; Orlan Bernard <BOrlan@schools.nyc.gov>; Hemida Mohamed

<MHemida@schools.nyc.gov>; Q686 Custodian <CQ686@schools.nyc.gov>; Lakeram Bryan

#### <BLakeram@schools.nyc.gov>

Subject: RE: Metropolitan Avenue (Q686) Annual Site Management PRR Comments

Hi Nancy – sorry I wasn't able to speak with you earlier. How soon after the blower repairs are made would you be able to get me a revised report documenting all the repairs?

#### Jane H. O'Connell

Chief, Superfund and Brownfield Cleanup Section, Division of Environmental Remediation

### **New York State Department of Environmental Conservation**

47-40 21st Street, Long Island City, NY 11101

P: (718) 482-4599 | F: (718) 482-6358 | M: (917) 817-1845 | jane.oconnell@dec.ny.gov

www.dec.ny.gov | 1 1

From: Nancy Guevara [mailto:nancy.guevara@atcgs.com]

Sent: Monday, September 17, 2018 3:37 PM

To: O'Connell, Jane H (DEC) < jane.oconnell@dec.ny.gov>

Cc: Gil Gedeon <gilbert.gedeon@atcgs.com>; Orlan Bernard <BOrlan@schools.nyc.gov>; Hemida Mohamed

< MHemida@schools.nyc.gov>; Q686 Custodian < CQ686@schools.nyc.gov>; Lakeram Bryan

<BLakeram@schools.nyc.gov>

Subject: Metropolitan Avenue (Q686) Annual Site Management PRR Comments

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Jane,

Per your recommendations during our conference call on August 15, 2018, the following issues have been addressed at the Metropolitan Avenue Campus and verified by ATC:

- 1. NW corner of school (Red side): 3 inches of top soil and mulch mix were placed on 5/17/18 along with planted vegetation to replace eroded soil. SW corner of school (Green side): 3 inches of top soil and mulch mix were placed on 6/13/18 around existing vegetation. Per custodial records, approximately 350 SF of top soil/mulch were used in the Green side and approximately 250 SF of top soil/mulch was used on the Red side. The mix was sourced from NYC Park and Recreations GreenThumb Program through a Grow to Learn NYC Mini-Grant.
- 2. Replacement of the outlet pressure gauge Replaced on 9/17/18.
- 3. Recaulk around the perimeter of the leak area in Room 0069 Recaulked on 8/27/18.

Photographic documentation and supporting correspondence to be included in the revised PRR.

The following issue still remains and we are working with the DOE to have it completed by October 8<sup>th</sup>.

1. Replace blower sealed bearings.

Do you want us to submit the report as is prior to the completion of the outstanding issue or wait until this has been completed?

Thank you,

Nancy Guevara | Project Manager | ATC Group Services LLC +1 212 284 0611 | +1 516 455 6157 mobile

104 E. 25th Street, 8th Floor | New York, NY 10010-2917 +1 212 35 3 8306 fax | nancy.quevara@atcqs.com | www.atcqroupservices.com

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From: Lakeram Bryan <BLakeram@schools.nyc.gov>

**Sent:** Friday, November 09, 2018 1:06 PM

**To:** Nancy Guevara; Gil Gedeon

Cc: Newell David; Ramphal Parmanand; Rodriguez John

Subject: Re: Metropolitan Avenue (Q686) Annual Site Management PRR Comments

Good afternoon all,

This job is complete.

Thank you.

From: Nancy Guevara <nancy.guevara@atcgs.com>

Sent: Tuesday, October 30, 2018 12:33 PM

To: Lakeram Bryan

Cc: Newell David Jr.; Ramphal Parmanand; Gil Gedeon; Rodriguez John

Subject: RE: Metropolitan Avenue (Q686) Annual Site Management PRR Comments

Bryan,

Thank you for the update.

#### Regards,

Nancy Guevara | Project Manager | ATC Group Services LLC +1 212 284 0611 | +1 516 455 6157 mobile

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From: Lakeram Bryan [mailto:BLakeram@schools.nyc.gov]

**Sent:** Tuesday, October 30, 2018 12:13 PM **To:** Nancy Guevara <nancy.guevara@atcgs.com>

Cc: Newell David Jr. <DNewell@schools.nyc.gov>; Ramphal Parmanand <PRamphal@schools.nyc.gov>; Gil Gedeon

<gilbert.gedeon@atcgs.com>; Rodriguez John <JRodriguez80@schools.nyc.gov>
Subject: Re: Metropolitan Avenue (Q686) Annual Site Management PRR Comments

Good morning all,

Contractor will be there Monday 11/5 & Tuesday 11/6 to install motor.

Thank you,

Bryan Qakeram

Contract Manager
Division of School Facilities - Queens

Office: (718)-610-0145 Mobile: (917)- 624-0218 BLakeram@schools.nyc.gov

From: Lakeram Bryan

Sent: Monday, October 22, 2018 9:31 AM

To: Rodriguez John

Cc: Newell David Jr.; Ramphal Parmanand; Nancy Guevara; Gil Gedeon

Subject: Fw: Metropolitan Avenue (Q686) Annual Site Management PRR Comments

Good morning John,

Yes, new motor was already ordered. Contractor informed to expedite.

Thank you.

From: Lakeram Bryan

Sent: Thursday, October 18, 2018 4:10 PM

**To:** Newell David Jr.; Ramphal Parmanand; Mohamed Meerza **Cc:** Devincenzo Mark: Orlan Bernard: Hemida Mohamed

Subject: Re: Metropolitan Avenue (Q686) Annual Site Management PRR Comments

Hello all,

We will need to order a new motor since this is a special Class 1 explosion proof motor. You will have to get it re certified if tampered with.

New motor from AMETEK has been ordered. I'm sure we can get completed within 2-3 weeks. Will keep you posted.

## Thank you

Sent from my BlackBerry 10 smartphone on the Verizon Wireless 4G LTE network.

From: Newell David Jr.

**Sent:** Thursday, October 18, 2018 1:48 PM **To:** Ramphal Parmanand; Mohamed Meerza

Cc: Lakeram Bryan; Devincenzo Mark; Orlan Bernard; Hemida Mohamed

Subject: Fw: Metropolitan Avenue (Q686) Annual Site Management PRR Comments

Good afternoon Gents

The state office of the DEC is getting upset with me over the lack of movement at Q686 sub-slab exhaust fan bearing replacement.

Will this work be completed by the time frame indicated below?

#### **Thanks**

David Newell Jr.
Deputy Director of School Facilities
Division of School Facilities
Queens Dist. 28
NYDSF.com
New York City Department of Education
44-36 Vernon Boulevard, 5th Floor
Long Island City, NY 11101
Fax 718 610-0317
cell 646 208-0438

From: Gil Gedeon <gilbert.gedeon@atcgs.com> Sent: Thursday, October 18, 2018 12:41 PM

To: O'Connell, Jane H (DEC)

Cc: Allan, Christopher H (DEC); Nancy Guevara; Orlan Bernard; Hemida Mohamed; Newell David Jr.

Subject: RE: Metropolitan Avenue (Q686) Annual Site Management PRR Comments

Jane – thank you.

David – please confirm if this work will be completed in the time frame indicated below.

Thank you.

Gilbert Gedeon, P.E.

Principal Engineer

### **ATC Group Services**

Direct (+1) 212-284-0634 Mobile (+1) 917-418-0224 Fax (+1) 212-353-8306 Address 104 E. 25th St, 8th Floor, New York, NY 10010-2917

Email gilbert.gedeon@atcgs.com Web www.atcassociates.com

From: O'Connell, Jane H (DEC) [mailto:jane.oconnell@dec.ny.gov]

**Sent:** Thursday, October 18, 2018 12:33 PM

To: Gil Gedeon

Cc: Allan, Christopher H (DEC); Nancy Guevara; Orlan Bernard; Hemida Mohamed; DNewell@schools.nyc.gov

Subject: RE: Metropolitan Avenue (O686) Annual Site Management PRR Comments

If this work will be completed in the next month or so, then I think it makes sense to wait to submit the revised PRR.

# Jane H. O'Connell

Chief, Superfund and Brownfield Cleanup Section, Division of Environmental Remediation

#### **New York State Department of Environmental Conservation**

47-40 21st Street, Long Island City, NY 11101

P: (718) 482-4599 | F: (718) 482-6358 | M: (917) 817-1845 | jane.oconnell@dec.ny.gov

www.dec.ny.gov | III | III

From: Gil Gedeon [mailto:gilbert.gedeon@atcgs.com]

Sent: Thursday, October 18, 2018 12:26 PM

To: O'Connell, Jane H (DEC) < <a href="mailto:jane.oconnell@dec.ny.gov">jane.oconnell@dec.ny.gov</a>>

**Cc:** Allan, Christopher H (DEC) < <a href="mailto:christopher.Allan@dec.ny.gov">christopher.Allan@dec.ny.gov</a>; Nancy Guevara < <a href="mailto:nancy.guevara@atcgs.com">nancy.guevara@atcgs.com</a>; Orlan Bernard < <a href="mailto:BOrlan@schools.nyc.gov">BOrlan@schools.nyc.gov</a>; DNewell@schools.nyc.gov

Subject: RE: Metropolitan Avenue (Q686) Annual Site Management PRR Comments

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Jane,

The blower seal bearings were assessed this morning by S&W Wilson (DOE contractor) but not replaced. Per our phone conversation this morning with Mr. Newell, Deputy Director of School Facilities, the DOE continues to work on replacing them. The date of replacement has not been determined yet.

Please advise if you wish us to submit the revised report as is or continue to wait.

Regards,

Gil

Gilbert Gedeon, P.E.

Principal Engineer

#### **ATC Group Services**

Direct (+1) 212-284-0634 Mobile (+1) 917-418-0224 Fax (+1) 212-353-8306

Address 104 E. 25th St, 8th Floor, New York, NY 10010-2917

Email gilbert.gedeon@atcgs.com Web www.atcassociates.com

From: O'Connell, Jane H (DEC) [mailto:jane.oconnell@dec.ny.gov]

**Sent:** Tuesday, October 09, 2018 3:08 PM

To: Nancy Guevara

Cc: Gil Gedeon; Allan, Christopher H (DEC)

Subject: RE: Metropolitan Avenue (Q686) Annual Site Management PRR Comments

Do you have any idea when the sealed bearings will be replaced?

### Jane H. O'Connell

Chief, Superfund and Brownfield Cleanup Section, Division of Environmental Remediation

**New York State Department of Environmental Conservation** 

47-40 21st Street, Long Island City, NY 11101

P: (718) 482-4599 | F: (718) 482-6358 | M: (917) 817-1845 | jane.oconnell@dec.ny.gov

www.dec.ny.gov | 111 | 111

From: Nancy Guevara [mailto:nancy.guevara@atcgs.com]

Sent: Monday, October 08, 2018 10:01 AM

To: O'Connell, Jane H (DEC) < jane.oconnell@dec.ny.gov>

Cc: Gil Gedeon <gilbert.gedeon@atcgs.com>

Subject: FW: Metropolitan Avenue (Q686) Annual Site Management PRR Comments

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Jane,

We are still waiting on the replacement of the blower sealed bearings for the Q686 - Metropolitan Avenue Campus, see email trail below from the custodian and contractor. As far as we are concerned the system is operating effectively. We can send you the report as such. Alternatively, and if you wish, we can hold off on the revised report submission until the blower sealed bearings are replaced. Please advise which way you would like us to proceed.

#### Thank you,

Nancy Guevara | Project Manager | ATC Group Services LLC +1 516 455 6157 mobile | +1 212 284 0611 main number

104 E. 25th Street, 8th Floor | New York, NY 10010-2917

+1 212 35 3 8306 fax | nancy.guevara@atcgs.com | www.atcgroupservices.com

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From: Lakeram Bryan [mailto:BLakeram@schools.nyc.gov]

Sent: Friday, October 05, 2018 2:22 PM

To: S & W WILSON ENTERPRISE, INC. <SW@SWWILSON.COM>

Cc: Nancy Guevara < nancy.guevara@atcgs.com >

Subject: Fw: Metropolitan Avenue (Q686) Annual Site Management PRR Comments

Please try to expedite materials

Thanks.

From: S W Wilson Ent., Inc. <sw@swwilson.com>

Sent: Friday, October 5, 2018 1:29 PM

**To:** Lakeram Bryan **Cc:** Nancy Guevara

Subject: Re: Metropolitan Avenue (Q686) Annual Site Management PRR Comments

Bryan,

We are checking the new seal, but not able finish before 10/8/2018.

Thanks, Allen Tong

From: Lakeram Bryan <BLakeram@schools.nyc.gov>

To: "S & W WILSON ENTERPRISE, INC." <SW@SWWILSON.COM>

Cc: Nancy Guevara < nancy.guevara@atcgs.com >

Sent: Friday, October 5, 2018 1:27 PM

Subject: Re: Metropolitan Avenue (Q686) Annual Site Management PRR Comments

Allen,

Need update

#### **Thanks**

### Sent from my BlackBerry 10 smartphone on the Verizon Wireless 4G LTE network.

From: Nancy Guevara

**Sent:** Friday, October 5, 2018 10:27 AM **To:** Lakeram Bryan; Q686 Custodian

Cc: Gil Gedeon; Orlan Bernard; Hemida Mohamed

Subject: RE: Metropolitan Avenue (Q686) Annual Site Management PRR Comments

# Bryan,

Any updates from the contractor regarding the repairs? Please let me know at your earlist.

### Thank you,

Nancy Guevara | Project Manager | ATC Group Services LLC +1 212 284 0611 | +1 516 455 6157 mobile

104 E. 25th Street, 8th Floor | New York, NY 10010-2917

+1 212 35 3 8306 fax | nancy.guevara@atcgs.com | www.atcgroupservices.com

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From: Nancy Guevara

**Sent:** Monday, October 01, 2018 3:28 PM

**To:** 'Lakeram Bryan' <<u>BLakeram@schools.nyc.gov</u>>; 'Q686 Custodian' <<u>CQ686@schools.nyc.gov</u>> **Cc:** Gil Gedeon <<u>gilbert.gedeon@atcgs.com</u>>; Orlan Bernard <<u>BOrlan@schools.nyc.gov</u>>; Hemida Mohamed <<u>MHemida@schools.nyc.gov</u>>

Subject: RE: Metropolitan Avenue (Q686) Annual Site Management PRR Comments

### Bryan,

Please follow up at your earliest as the DEC requires repairs by October 8th to comply with the Site Management Plan for the school for this year and we would like to avoid any fines.

### Thank you,

Nancy Guevara | Project Manager | ATC Group Services LLC +1 212 284 0611 | +1 516 455 6157 mobile

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From: Lakeram Bryan [mailto:BLakeram@schools.nyc.gov]

**Sent:** Monday, October 01, 2018 2:25 PM

To: Nancy Guevara <nancy.guevara@atcgs.com>

Subject: Re: Metropolitan Avenue (Q686) Annual Site Management PRR Comments

Waiting on response from contractor. Will let you know asap

#### **Thanks**

# Sent from my BlackBerry 10 smartphone on the Verizon Wireless 4G LTE network.

From: Nancy Guevara

**Sent:** Friday, September 28, 2018 4:07 PM **To:** Q686 Custodian; Lakeram Bryan

Cc: Gil Gedeon; Orlan Bernard; Hemida Mohamed

Subject: RE: Metropolitan Avenue (Q686) Annual Site Management PRR Comments

# Bryan/Bill

# Any updates on the repairs for the following:

# Replace blower sealed bearings.

## Thank you,

Nancy Guevara | Project Manager | ATC Group Services LLC +1 212 284 0611 | +1 516 455 6157 mobile

104 E. 25th Street, 8th Floor | New York, NY 10010-2917

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From: Nancy Guevara

Sent: Monday, September 17, 2018 4:55 PM

**To:** 'Q686 Custodian' <<u>CQ686@schools.nyc.gov</u>>; Lakeram Bryan <<u>BLakeram@schools.nyc.gov</u>> **Cc:** Gil Gedeon <<u>gilbert.gedeon@atcgs.com</u>>; Orlan Bernard <<u>BOrlan@schools.nyc.gov</u>>; Hemida

Mohamed < MHemida@schools.nyc.gov >

Subject: FW: Metropolitan Avenue (Q686) Annual Site Management PRR Comments

## Bill/Bryan,

Per the DEC, it is imperative that the work on the blower be completed by Oct. 8<sup>th</sup>, as the DEC is unlikely to extend the deadline further.

Please keep ATC posted if this can be done sooner so that we can verify.

Your attention to this matter is greatly appreciated.

Thank you,

+1 212 284 0611 | +1 516 455 6157 mobile

104 E. 25th Street, 8th Floor | New York, NY 10010-2917

+1 212 35 3 8306 fax | nancy.guevara@atcqs.com | www.atcqroupservices.com

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From: O'Connell, Jane H (DEC) [mailto:jane.oconnell@dec.ny.gov]

Sent: Monday, September 17, 2018 4:40 PM

To: Nancy Guevara <nancy.guevara@atcgs.com>

**Cc:** Gil Gedeon <a href="mailto:cjilbert.gedeon@atcgs.com">gilbert.gedeon@atcgs.com</a>; Orlan Bernard <a href="mailto:BOrlan@schools.nyc.gov">BOrlan@schools.nyc.gov</a>; Hemida Mohamed <a href="mailto:MHemida@schools.nyc.gov">MHemida@schools.nyc.gov</a>; Q686 Custodian <a href="mailto:CQ686@schools.nyc.gov">CQ686@schools.nyc.gov</a>; Lakeram Bryan <a href="mailto:BLakeram@schools.nyc.gov">BLakeram@schools.nyc.gov</a>; Lakeram

Subject: RE: Metropolitan Avenue (Q686) Annual Site Management PRR Comments

Hi Nancy – sorry I wasn't able to speak with you earlier. How soon after the blower repairs are made would you be able to get me a revised report documenting all the repairs?

#### Jane H. O'Connell

Chief, Superfund and Brownfield Cleanup Section, Division of Environmental Remediation

#### **New York State Department of Environmental Conservation**

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www.dec.ny.gov | 111 | 111

From: Nancy Guevara [mailto:nancy.guevara@atcgs.com]

Sent: Monday, September 17, 2018 3:37 PM

To: O'Connell, Jane H (DEC) < <u>jane.oconnell@dec.ny.gov</u>>

**Cc:** Gil Gedeon <a href="mailto:silong:com/gilbert.gedeon@atcgs.com/">gilbert.gedeon@atcgs.com/</a>; Orlan Bernard <a href="mailto:BOrlan@schools.nyc.gov">BOrlan@schools.nyc.gov</a>; Hemida Mohamed <a href="mailto:MHemida@schools.nyc.gov">MHemida@schools.nyc.gov</a>; Q686 Custodian <a href="mailto:CQ686@schools.nyc.gov">CQ686@schools.nyc.gov</a>; Lakeram Bryan <a href="mailto:BLakeram@schools.nyc.gov">BLakeram@schools.nyc.gov</a>; Lakeram

Subject: Metropolitan Avenue (Q686) Annual Site Management PRR Comments

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Jane,

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- 2. Replacement of the outlet pressure gauge Replaced on 9/17/18.

3. Recaulk around the perimeter of the leak area in Room 0069 – Recaulked on 8/27/18.

Photographic documentation and supporting correspondence to be included in the revised PRR.

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1. Replace blower sealed bearings.

Do you want us to submit the report as is prior to the completion of the outstanding issue or wait until this has been completed?

Thank you,

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