

**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 25th Street, 10th Floor
New York, New York 10010-2917

Date of Issue: March 20, 2018

ATC Project No. Z214YI0908

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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, 10th 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 February 21, 2018 pursuant to the New York State Department of Environmental Conservation (NYSDEC) approved SMP by ATC Group Services, LLC (ATC).

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 this inspection, ATC observed that the SSDS fan was operational; however, per the O&M Plan, the blower sealed bearings require replacement every two years. The custodial staff reported that the blower sealed bearings have not been replaced yet. ATC also observed that the outlet pressure gauge does not work 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.

Lastly, ATC observed partial bare soil areas adjacent to the northwest and southwest entrances of the school building.

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, ATC advised the custodial staff to:

1. Replace the blower seal blower sealed bearings as per the O&M requirements;
2. Replace the outlet pressure gauge to read "Zero" when the SSDS system is off line;
3. Even though the hairline cracks in Rooms 0003 and 0005 are not a concern, ATC advised the custodian that any significant cracks observed during the monthly inspections should be sealed with patching cement or grout;
4. Patch, seal or repair all exterior cracks observed around the school building on the roadway, sidewalk, artificial turf, tennis court and playground; and
5. Place top soil and seed with grass in the areas adjacent to the NM and SW entrances of the school building;
6. 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 1,054 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 February 21, 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 Composite Cover System

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.¹
- 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;

¹ 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. 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 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

On 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:

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

4.2.1 *SSDS Inspection*

1. The SSDS fan was operational, however, per the O&M Plan, the blower sealed bearings require replacement every two years. The custodial staff reported that the blower sealed bearings have not been replaced in the past two years;
2. The SSDS indicator lights were operational;
3. All gauges were observed to be functioning except for the outlet pressure gauge;
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*

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. However, ATC observed minor hairline cracks in Rooms 0003 and 0005. As such, smoke testing was conducted. ATC did not observe potential vapor barrier leaks through the hairline crack.

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.

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*

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.

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 building. 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, however, per the O&M Plan, the blower sealed bearings require replacement every two years. The custodial staff reported that the blower sealed bearings have not been replaced in the past two years;
3. The SSDS outlet pressure gauge does not function properly;
4. No visible concrete cracks penetrating into the basement floors or walls were observed during the annual inspection except for minor hairline cracks on the floor of Rooms 0003 and 0005. As such, smoke testing was conducted. 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; some loose pavers were observed sporadically around the building;
6. The landscaped areas immediately adjacent to the NW and SW entrances of the school building had only bare soil;
7. The ICs and ECs are in place and remain effective;
8. The O&M Plan is being implemented;
9. No changes have occurred that would reduce the ability of the controls to protect public health and the environment; and
10. 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. Replace blower sealed bearings associated with the SSDS;
2. Replace the outlet pressure gauge;
3. Repair or seal the interior and exterior minor cracks with cement or grout to prevent further deterioration;
4. Repair/replace loose paver observed around the school building;
5. Place top soil and seed with grass in the areas adjacent to the NM and SW entrances of the school building;
6. Conduct routine and preventative maintenance and document accordingly;
7. Continue documenting all operation and maintenance activities on ECs; and
8. 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

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 21st 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 cannot 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		
Site Name Metropolitan Avenue Site		
Site Address: 87-01 69th Avenue & 92-34 Metropolitan Avenue	Zip Code: 11375	
City/Town: Forest Hills		
County: Queens		
Site Acreage: 7.9		
Reporting Period: February 18, 2015 to February 18, 2018		
May 2015 to February 2018		
1. Is the information above correct?	<input type="checkbox"/>	YES NO <input checked="" type="checkbox"/> <input type="checkbox"/>
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		Box 2
		YES NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Are all ICs/ECs in place and functioning as designed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.		
A Corrective Measures Work Plan must be submitted along with this form to address these issues.		
_____ Signature of Owner, Remedial Party or Designated Representative		_____ Date

Description of Institutional Controls

<u>Parcel</u>	<u>Owner</u>	<u>Institutional Control</u>
3886-800	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;

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- . 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;

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- . 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;

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- . 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;
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. 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>	<u>Engineering Control</u>
3886-800	Vapor Mitigation Cover System Subsurface Barriers
3886-830	Vapor Mitigation Cover System Subsurface Barriers

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

- a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;
- b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and complete.

YES NO

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

- (a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;
- (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;
- (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;
- (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and
- (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES NO

**IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and
DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. 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.

I BERNARD ORLAN at 44-36 Vernon BLVD, LIC, NY 11101
print name print business address

am certifying as OWNER (Owner or Remedial Party)

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

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

3/20/18
Date

IC/EC CERTIFICATIONS

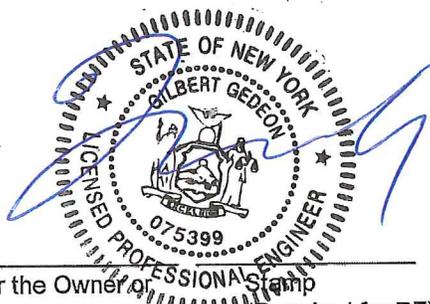
Box 7

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.

I Gilbert Gedeon at ATC Group Services, 104 E. 25th NY, NY, 10010
print name print business address

am certifying as a Professional Engineer for the NYC Dept of Education
(Owner or Remedial Party)



3/14/18
Date

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification (Required for PE)

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 and 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 Jackson*

Inspection Date/Time: *3-10-15*

Purpose: (circle one) **Monthly Inspection** **Severe Condition Inspection**

		Yes / No*	Notified Person / Date
A. VAPOR BARRIER INSPECTION	1. Walk the entire basement floor	<i>Y</i>	
	* Any visible cracks in the basement floor?	<i>NO</i>	
	* Any visible cracks in the basement wall?	<i>NO</i>	
	* Any other visible openings (unintended) in either the floor or walls?	<i>NO</i>	
	* Draw approximate location of floor cracks/openings on site map.	<i>NO</i>	
	* Any construction activities in basement affecting basement floor/ walls?	<i>NO</i>	
	** 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.		
B. SSDS INSPECTION	1. Inspect the SSDS Blower Enclosure.	<i>Y</i>	
	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	<i>NO</i>	
	* Is the rain cap missing on the Vent Stack?	<i>NO</i>	
	* Is the SSDS blower unit functioning at a lower air flow than previously observed?	<i>NO</i>	
	* Is the spare blower unit stored in the designated secure location in the school?	<i>Y</i>	
	* Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	<i>Y</i>	
	* Does the Building Management System (BMS) indicate any SSDS failure?	<i>NO</i>	
C. EXTERIOR INSPECTION	1. Walk and inspect the entire exterior property.	<i>Y</i>	
	* Are there any significant cracks or deterioration of the paved areas?	<i>NO</i>	
	* Has there been any removal of any pavement?	<i>Y</i>	
	* Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	<i>NO</i>	
	* Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	<i>Y</i>	
	* Have any structures been constructed on the unpaved areas?	<i>Y</i>	
	* Are there any signs of intrusive activities?	<i>NO</i>	
D. ACTIONS TAKEN	<i>Minor cracks arounds the Building</i>		
	<i>Crack cracks by drain on Red side</i>		
	<i>Crack are operating by loading dock/Red side of Tennis court</i>		
	<i>light pole by Main Entrance is sinking and behind the loading dock</i>		
<i>Power by the Blue Main to Auditorium is very loose</i>			
Inspector's Signature: <i>Eric Jackson</i>			

There's a lot of swage grates around the Building that's sinking in also there's a lot of cracks in the street

Custodial Engineer Monthly or Severe Condition Inspection Form
Vapor Barrier and SSDS

Inspector's Name: Eric Jackson

Inspection Date/Time: 6-7-15

Purpose: (circle one) Monthly Inspection Severe Condition Inspection

		Yes / No*	Notified Person / Date
A. VAPOR BARRIER INSPECTION	1. Walk the entire basement floor	Y	
	* 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	
	* Draw approximate location of floor cracks/openings on site map.	NO	
	* 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/or wall cracks/openings on site map. - Note the length of the crack/opening. Note the width of the crack/opening.		
B. SSDS INSPECTION	1. Inspect the SSDS Blower Enclosure.	Y	
	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	NO	
	* 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	
	* Is the spare blower unit stored in the designated secure location in the school?	Y	
	* 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?	NO	
C. EXTERIOR INSPECTION	1. Walk and inspect the entire exterior property.	Y	
	* Are there any significant cracks or deterioration of the paved areas?	NO	
	* Has there been any removal of any pavement?	X	
	* 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)?	Y	
	* Have any structures been constructed on the unpaved areas?	Y	
	* Are there any signs of intrusive activities?	N	

D. ACTIONS TAKEN
Minor cracks around the building
crack by drain on the Red side
curb is separating by loading dock / Red side by Tennis court
light pole by Main Entrance is sinking also behind the parking dock
Paver by the blue Main to auditorium are very loose

Inspector's Signature: Eric Jackson

*(There's a lot of surge grates around the building that's sinking in
 Also there's a lot of cracks in the street*

Custodial Engineer Monthly or Severe Condition Inspection Form
Vapor Barrier and SSDS

Inspector's Name: Eric Jackson

Inspection Date/Time: 7-12-15

Purpose: (circle one) Monthly Inspection Severe Condition Inspection

		Yes / No*	Notified Person / Date
A. VAPOR BARRIER INSPECTION	1. Walk the entire basement floor	Y	
	* 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	
	* Draw approximate location of floor cracks/openings on site map.	NO	
	* 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/or wall cracks/openings on site map. - Note the length of the crack/opening. Note the width of the crack/opening.		
B. SSDS INSPECTION	1. Inspect the SSDS Blower Enclosure.	Y	
	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	NO	
	* 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	
	* Is the spare blower unit stored in the designated secure location in the school?	Y	
	* 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?	NO	
C. EXTERIOR INSPECTION	1. Walk and inspect the entire exterior property.	Y	
	* Are there any significant cracks or deterioration of the paved areas?	NO	
	* Has there been any removal of any pavement?	Y	
	* 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)?	Y	
	* Have any structures been constructed on the unpaved areas?	Y	
	* Are there any signs of intrusive activities?	NO	
D. ACTIONS TAKEN	<u>Minor cracks around the building</u>		
	<u>Curve crack by drain on the Red side</u>		
	<u>Curve is operating by loading dock/bedside by Tennis Court</u>		
	<u>Light pole by Main Entrance is sinking in also behind the loading dock</u>		
	<u>Paver by the Blue Main to auditorium are very loose</u>		
Inspector's Signature: <u>Eric Jackson</u>			

There is a lot of swage grate around the building that's sinking in also there's a lot of cracks in the street

Custodial Engineer Monthly or Severe Condition Inspection Form
Vapor Barrier and SSDS

Inspector's Name: Eric Jackson

Inspection Date/Time: 8-16-15

Purpose: (circle one) Monthly Inspection Severe Condition Inspection

		Yes / No*	Notified Person / Date
A. VAPOR BARRIER INSPECTION	1. Walk the entire basement floor	Y	
	* 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	
	* Draw approximate location of floor cracks/openings on site map.	NO	
	* 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/or wall cracks/openings on site map. - Note the length of the crack/opening. Note the width of the crack/opening.		
B. SSDS INSPECTION	1. Inspect the SSDS Blower Enclosure.	Y	
	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	NO	
	* 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	
	* Is the spare blower unit stored in the designated secure location in the school?	Y	
	* 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?	NO	
C. EXTERIOR INSPECTION	1. Walk and inspect the entire exterior property.	Y	
	* Are there any significant cracks or deterioration of the paved areas?	NO	
	* Has there been any removal of any pavement?	Y	
	* 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)?	Y	
	* Have any structures been constructed on the unpaved areas?	Y	
	* Are there any signs of intrusive activities?	NO	

D. ACTIONS TAKEN
Minor cracks around the Building
Curve crack by drain on the Red side
Curve is operating by loading dock/Red side by Tenny's coat
light pole by Main Entrance is sinking in also behind the loading dock
Power by the Blue main to auditorium are very loose.

Inspector's Signature: Eric Jackson

1) There is alot of segregate around the Building that's sinking in
 also there's alot of cracks in the Street
 2) I call on the 7th to inform that there is construction going
 on in the back field

Custodial Engineer Monthly or Severe Condition Inspection Form
Vapor Barrier and SSDS

Inspector's Name: Eric Jackson

Inspection Date/Time: 9-14-15

Purpose: (circle one) Monthly Inspection Severe Condition Inspection

		Yes / No*	Notified Person / Date
A. VAPOR BARRIER INSPECTION	1. Walk the entire basement floor	Y	
	* 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	
	* Draw approximate location of floor cracks/openings on site map.	NO	
	* 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/or wall cracks/openings on site map. - Note the length of the crack/opening. Note the width of the crack/opening.		
B. SSDS INSPECTION	1. Inspect the SSDS Blower Enclosure.	Y	
	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	NO	
	* 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	
	* Is the spare blower unit stored in the designated secure location in the school?	Y	
	* 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?	NO	
C. EXTERIOR INSPECTION	1. Walk and inspect the entire exterior property.	Y	
	* 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	
		NO	

D. ACTIONS TAKEN
 Minus cracks around the building
 Curve cracks by drain on the Red side
 Curve is separating by loading dock / Red side by Tennis Court
 light pole by Main Entrance is sinking in also behind the loading dock
 pavers by the Blue main to auditorium are very loose
 Inspector's Signature: Eric Jackson

1) There is a lot of sugar grate around the building that's sinking in also there's a lot of cracks in the Street

Custodial Engineer Monthly or Severe Condition Inspection Form
Vapor Barrier and SSDS

Inspector's Name: Eric Jackson

Inspection Date/Time: 10-12-15

Purpose: (circle one) Monthly Inspection Severe Condition Inspection

		Yes / No*	Notified Person / Date
A. VAPOR BARRIER INSPECTION	1. Walk the entire basement floor	Y	
	* 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	
	* Draw approximate location of floor cracks/openings on site map.	NO	
	* 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/or wall cracks/openings on site map. - Note the length of the crack/opening. Note the width of the crack/opening.		
B. SSDS INSPECTION	1. Inspect the SSDS Blower Enclosure.	Y	
	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	NO	
	* 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	
	* Is the spare blower unit stored in the designated secure location in the school?	Y	
	* 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?	NO	
C. EXTERIOR INSPECTION	1. Walk and inspect the entire exterior property.	Y	
	* 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	

D. ACTIONS TAKEN
Minor cracks around the Building
curse is operating by loading dock / Redside by Tennis court
Cure crack by drain on Red side
light pole by Main Entrance is sinking in also behind the loading dock
ladders by the Blue Moon to auditorium are very loose
 Inspector's Signature: Eric Jackson

There is a lot of sewer grates around the Building that's sinking in also there's a lot of cracks in the street.

Custodial Engineer Monthly or Severe Condition Inspection Form
Vapor Barrier and SSDS

Inspector's Name: Eric Jackson

Inspection Date/Time: 11-11-15

Purpose: (circle one) Monthly Inspection Severe Condition Inspection

		Yes / No*	Notified Person / Date
A. VAPOR BARRIER INSPECTION	1. Walk the entire basement floor	Y	
	* 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	
	* Draw approximate location of floor cracks/openings on site map.	NO	
	* 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/or wall cracks/openings on site map. - Note the length of the crack/opening. Note the width of the crack/opening.		
B. SSDS INSPECTION	1. Inspect the SSDS Blower Enclosure.	Y	
	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	NO	
	* 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	
	* 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?	NO	
C. EXTERIOR INSPECTION	1. Walk and inspect the entire exterior property.	Y	
	* 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	

D. ACTIONS TAKEN

Minor Cracks around the Building
Curve crack by drain on the Red side
Curve is separating by loading dock/Red side by Tennis court
light pole by main Entrance is sinking in also behind the loading dock
Paver by the Blue Map to auditorium are very loose

Inspector's Signature: Eric Jackson

1) There is a lot of sugar grates around the Building that's sinking in also a lot of cracks in the street

Custodial Engineer Monthly or Severe Condition Inspection Form
Vapor Barrier and SSDS

Inspector's Name: Eric Jackson

Inspection Date/Time: 12-12-15

Purpose: (circle one) Monthly Inspection Severe Condition Inspection

		Yes / No*	Notified Person / Date
A. VAPOR BARRIER INSPECTION	1. Walk the entire basement floor	Y	
	* 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	
	* Draw approximate location of floor cracks/openings on site map.	NO	
	* 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/or wall cracks/openings on site map. - Note the length of the crack/opening. Note the width of the crack/opening.	NO	
B. SSDS INSPECTION	1. Inspect the SSDS Blower Enclosure.	Y	
	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	NO	
	* 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	
	* Is the spare blower unit stored in the designated secure location in the school?	Y	
	* 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?	NO	
C. EXTERIOR INSPECTION	1. Walk and inspect the entire exterior property.	Y	
	* 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	
D. ACTIONS TAKEN	Minor Cracks arounds the Building Curve Crack by drain on red side Curve is operating by loading dock/redside (Tennis Court) Light pole by Main Entrance is sinking in also behind loading dock Water by the blue wall to auditorium are very loose		
	Inspector's Signature: <u>[Signature]</u>		

There is a lot of slyser grates around the Building that's sinking in also a lot of cracks in the street

Custodial Engineer Monthly or Severe Condition Inspection Form
Vapor Barrier and SSDS

Inspector's Name: Erre Jackson

Inspection Date/Time: 1-9-16

Purpose: (circle one) Monthly Inspection Severe Condition Inspection

		Yes / No*	Notified Person / Date
A. VAPOR BARRIER INSPECTION	1. Walk the entire basement floor	<u>Y</u>	
	* Any visible cracks in the basement floor?	<u>NO</u>	
	* Any visible cracks in the basement wall?	<u>NO</u>	
	* Any other visible openings (unintended) in either the floor or walls?	<u>NO</u>	
	* Draw approximate location of floor cracks/openings on site map.	<u>NO</u>	
	* Any construction activities in basement affecting basement floor/ walls?	<u>NO</u>	
	** 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.		
B. SSDS INSPECTION	1. Inspect the SSDS Blower Enclosure.	<u>Y</u>	
	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	<u>NO</u>	
	* Is the rain cap missing on the Vent Stack?	<u>NO</u>	
	* Is the SSDS blower unit functioning at a lower air flow than previously observed?	<u>NO</u>	
	* Is the spare blower unit stored in the designated secure location in the school?	<u>Y</u>	
	* Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	<u>Y</u>	
	* Does the Building Management System (BMS) indicate any SSDS failure?	<u>NO</u>	
C. EXTERIOR INSPECTION	1. Walk and inspect the entire exterior property.	<u>Y</u>	
	* Are there any significant cracks or deterioration of the paved areas?	<u>NO</u>	
	* Has there been any removal of any pavement?	<u>NO</u>	
	* Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	<u>NO</u>	
	* Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	<u>NO</u>	
	* Have any structures been constructed on the unpaved areas?	<u>NO</u>	
	* Are there any signs of intrusive activities?	<u>NO</u>	

D. ACTIONS TAKEN
Minor Cracks around the Building
Curve crack by drain on Red side
Curve is separating by loading dock/Red side (Tennis court)
Right paver by Main Entrance is sinking in also behind loading dock
Paver by the Blue Main to Auditorium are very loose

Inspector's Signature: Erre Jackson

There is a lot of sewer gates around the Building that's sinking in also a lot of cracks in the street

Custodial Engineer Monthly or Severe Condition Inspection Form
Vapor Barrier and SSDS

Inspector's Name: Eric Jackson

Inspection Date/Time: 2-8-16

Purpose: (circle one) Monthly Inspection Severe Condition Inspection

		Yes / No*	Notified Person / Date
A. VAPOR BARRIER INSPECTION	1. Walk the entire basement floor	Y	
	* 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	
	* Draw approximate location of floor cracks/openings on site map.	NO	
	* 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/or wall cracks/openings on site map. - Note the length of the crack/opening. Note the width of the crack/opening.		
B. SSDS INSPECTION	1. Inspect the SSDS Blower Enclosure.	Y	
	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	NO	
	* 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	
	* Is the spare blower unit stored in the designated secure location in the school?	Y	
	* 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?	NO	
C. EXTERIOR INSPECTION	1. Walk and inspect the entire exterior property.	Y	
	* 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	
D. ACTIONS TAKEN	Minor Cracks around the Building Curve Crack by drain on Red side Curve is separating by loading dock/Red side (Tennis court) light pole by Main Entrance is sinking in also behind loading dock Paver by the Blue Main to Auditorium are very loose		
	Inspector's Signature: <u>Eric Jackson</u>		

1) There's A lot of sewer grates around the Building that's sinking in also A lot of cracks in the street

Custodial Engineer Monthly or Severe Condition Inspection Form
Vapor Barrier and SSDS

Inspector's Name: Eric Jackson

Inspection Date/Time: 3-12-16

Purpose: (circle one) Monthly Inspection Severe Condition Inspection

	Yes / No*	Notified Person / Date
A. VAPOR BARRIER INSPECTION	1. Walk the entire basement floor	
	* Any visible cracks in the basement floor?	Y
	* 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
	* 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/or wall cracks/openings on site map. - Note the length of the crack/opening. Note the width of the crack/opening.	NO
B. SSDS INSPECTION	1. Inspect the SSDS Blower Enclosure.	
	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	Y
	* 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
	* 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?	Y
C. EXTERIOR INSPECTION	1. Walk and inspect the entire exterior property.	
	* Are there any significant cracks or deterioration of the paved areas?	Y
	* 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?	Y

D. ACTIONS TAKEN

Minor Cracks around the Building
Crack by drain on Red side
Crack is operating by loading dock/Red side (Tennis Court)
Light pole by Main Entrance is sinking in also behind loading dock
Power by the Blue Main to Auditorium are very loose

Inspector's Signature: Eric Jackson

1) There's a lot of sunken grates around the building that's sinking in also a lot of cracks in the street
 2) East Coast USA construction opening up the street on the Red side to work on the lights pole

Custodial Engineer Monthly or Severe Condition Inspection Form
Vapor Barrier and SSDS

Inspector's Name: Eric Jackson

Inspection Date/Time: 4-9-16

Purpose: (circle one) Monthly Inspection Severe Condition Inspection

		Yes / No*	Notified Person / Date
A. VAPOR BARRIER INSPECTION	1. Walk the entire basement floor		
	* Any visible cracks in the basement floor?	Y	
	* 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	
	* 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/or wall cracks/openings on site map. - Note the length of the crack/opening. Note the width of the crack/opening.	NO	
B. SSDS INSPECTION	1. Inspect the SSDS Blower Enclosure.		
	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	Y	
	* 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	
	* 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?	Y	
C. EXTERIOR INSPECTION	1. Walk and inspect the entire exterior property.		
	* Are there any significant cracks or deterioration of the paved areas?	Y	
	* 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	
D. ACTIONS TAKEN	<u>Minor Cracks around the building</u>		
	<u>Crack by drain on Red side</u>		
	<u>Crack is separating by loading dock/Red side (Tennis Court)</u>		
	<u>Light pole by Main Entrance is sinking in also behind loading dock</u>		
	<u>Paver by the Blue Main to Auditorium are very loose</u>		
Inspector's Signature: <u>[Signature]</u>			

There's a lot of swager grates around the Building that's sinking in also A lot of cracks in the street

Custodial Engineer Monthly or Severe Condition Inspection Form
Vapor Barrier and SSDS

Inspector's Name: Eric Jackson

Inspection Date/Time: 5-21-16

Purpose: (circle one) Monthly Inspection Severe Condition Inspection

		Yes / No*	Notified Person / Date
A. VAPOR BARRIER INSPECTION	1. Walk the entire basement floor	<u>Y</u>	
	* Any visible cracks in the basement floor?	<u>NO</u>	
	* Any visible cracks in the basement wall?	<u>NO</u>	
	* Any other visible openings (unintended) in either the floor or walls?	<u>NO</u>	
	* Draw approximate location of floor cracks/openings on site map.	<u>NO</u>	
	* Any construction activities in basement affecting basement floor/ walls?	<u>NO</u>	
	** 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.		
B. SSDS INSPECTION	1. Inspect the SSDS Blower Enclosure.	<u>Y</u>	
	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	<u>NO</u>	
	* Is the rain cap missing on the Vent Stack?	<u>NO</u>	
	* Is the SSDS blower unit functioning at a lower air flow than previously observed?	<u>NO</u>	
	* Is the spare blower unit stored in the designated secure location in the school?	<u>Y</u>	
	* Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	<u>Y</u>	
	* Does the Building Management System (BMS) indicate any SSDS failure?	<u>NO</u>	
C. EXTERIOR INSPECTION	1. Walk and inspect the entire exterior property.	<u>Y</u>	
	* Are there any significant cracks or deterioration of the paved areas?	<u>NO</u>	
	* Has there been any removal of any pavement?	<u>NO</u>	
	* Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	<u>NO</u>	
	* Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	<u>NO</u>	
	* Have any structures been constructed on the unpaved areas?	<u>NO</u>	
	* Are there any signs of intrusive activities?	<u>NO</u>	
D. ACTIONS TAKEN	<u>Minor Cracks around the Building</u>		
	<u>Curve crack by drain on Red Side</u>		
	<u>Curve is operation by loading dock/Red side (Tennis Court).</u>		
	<u>Right pole by Main Entrance is sinking in also behind loading dock</u>		
<u>Paver by the Blue Main to Auditorium are very loose</u>			
Inspector's Signature: <u>[Signature]</u>			

There's a lot of swager grates around the building that's sinking in also A lot of cracks in the street

Custodial Engineer Monthly or Severe Condition Inspection Form
Vapor Barrier and SSDS

Inspector's Name: *Erica Jackson*

Inspection Date/Time: *6-7-16*

Purpose: (circle one) Monthly Inspection Severe Condition Inspection

	Yes / No*	Notified Person / Date
A. VAPOR BARRIER INSPECTION	1. Walk the entire basement floor	
	* Any visible cracks in the basement floor?	<i>NO</i>
	* Any visible cracks in the basement wall?	<i>NO</i>
	* Any other visible openings (unintended) in either the floor or walls?	<i>NO</i>
	* Draw approximate location of floor cracks/openings on site map.	<i>NO</i>
	* Any construction activities in basement affecting basement floor/ walls?	<i>NO</i>
	** 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.	<i>NO</i>
B. SSDS INSPECTION	1. Inspect the SSDS Blower Enclosure.	
	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	<i>NO</i>
	* Is the rain cap missing on the Vent Stack?	<i>NO</i>
	* Is the SSDS blower unit functioning at a lower air flow than previously observed?	<i>NO</i>
	* Is the spare blower unit stored in the designated secure location in the school?	<i>NO</i>
	* Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	<i>NO</i>
	* Does the Building Management System (BMS) indicate any SSDS failure?	<i>NO</i>
C. EXTERIOR INSPECTION	1. Walk and inspect the entire exterior property.	
	* Are there any significant cracks or deterioration of the paved areas?	<i>NO</i>
	* Has there been any removal of any pavement?	<i>NO</i>
	* Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	<i>NO</i>
	* Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	<i>NO</i>
	* Have any structures been constructed on the unpaved areas?	<i>NO</i>
	* Are there any signs of intrusive activities?	<i>NO</i>

D. ACTIONS TAKEN
*Minor cracks around the building
 Curve crack by drain on Red side
 Curve is separating by loading dock/Red sid (Tennis Court)
 Light pole by Main Entrance is sinking in also behind loading dock
 Paver by the Blue. Men to addit rooms are very loose*

Inspector's Signature: *Erica Jackson*

1) There's a lot of swager grates around the building that's sinking in also a lot of cracks in the street

Custodial Engineer Monthly or Severe Condition Inspection Form
Vapor Barrier and SSDS

Inspector's Name: *Eric Salas*

Inspection Date/Time: *7-9-16*

Purpose: (circle one) Monthly Inspection Severe Condition Inspection

		Yes / No*	Notified Person / Date
A. VAPOR BARRIER INSPECTION	1. Walk the entire basement floor		
	• Any visible cracks in the basement floor?	<i>Y</i>	
	• Any visible cracks in the basement wall?	<i>NO</i>	
	• Any other visible openings (unintended) in either the floor or walls?	<i>NO</i>	
	• Draw approximate location of floor cracks/openings on site map.	<i>NO</i>	
	• Any construction activities in basement affecting basement floor/ walls?	<i>NO</i>	
	** 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.	<i>NO</i>	
B. SSDS INSPECTION	1. Inspect the SSDS Blower Enclosure.		
	• Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	<i>Y</i>	
	• Is the rain cap missing on the Vent Stack?	<i>NO</i>	
	• Is the SSDS blower unit functioning at a lower air flow than previously observed?	<i>NO</i>	
	• Is the spare blower unit stored in the designated secure location in the school?	<i>NO</i>	
	• Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	<i>Y</i>	
	• Does the Building Management System (BMS) indicate any SSDS failure?	<i>NO</i>	
C. EXTERIOR INSPECTION	1. Walk and Inspect the entire exterior property.		
	• Are there any significant cracks or deterioration of the paved areas?	<i>Y</i>	
	• Has there been any removal of any pavement?	<i>NO</i>	
	• Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	<i>NO</i>	
	• Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	<i>NO</i>	
	• Have any structures been constructed on the unpaved areas?	<i>NO</i>	
	• Are there any signs of intrusive activities?	<i>NO</i>	

D. ACTIONS TAKEN
Minor Cracks around the Building
Crack crack by drain on Red side
Crack is spreading by loading dock/Red side (Tennis Court)
Light pole by Main Entrance is sinking in also behind loading dock
Power by the Blue. Holes to addit or down are very loose
 Inspector's Signature: *Eric Salas*

1) There's a lot of swager grates around the building that's sinking in also a lot of cracks in the street

Custodial Engineer Monthly or Severe Condition Inspection Form
Vapor Barrier and SSDS

Inspector's Name: Eric Jackson

Inspection Date/Time: 8-7-16

Purpose: (circle one) Monthly Inspection Severe Condition Inspection

	Yes / No*	Notified Person / Date
A. VAPOR BARRIER INSPECTION	1. Walk the entire basement floor	
	* Any visible cracks in the basement floor?	Y
	* 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
	* 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/or wall cracks/openings on site map. - Note the length of the crack/opening. Note the width of the crack/opening.	NO
B. SSDS INSPECTION	1. Inspect the SSDS Blower Enclosure.	
	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	Y
	* 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
	* 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?	Y
C. EXTERIOR INSPECTION	1. Walk and inspect the entire exterior property.	
	* Are there any significant cracks or deterioration of the paved areas?	Y
	* 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

D. ACTIONS TAKEN
Minor Crack around the Building
Curve Crack by drain on Red side
Curve is operating by loading dock/Red side (Tennis Court)
light pole by Main Entrance is sinking in also behind loading dock
Paver by the Blue Main to Auditorium are very loose.

Inspector's Signature: Eric Jackson

There's a lot of swager grates around the Building that's sinking in also a lot of cracks in the street

Custodial Engineer Monthly or Severe Condition Inspection Form
Vapor Barrier and SSDS

Inspector's Name: Eric Jackson

Inspection Date/Time: 9-14-16

Purpose: (circle one) Monthly Inspection Severe Condition Inspection

		Yes / No*	Notified Person / Date
A. VAPOR BARRIER INSPECTION	1. Walk the entire basement floor	Y	
	* 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	
	* Draw approximate location of floor cracks/openings on site map.	NO	
	* 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/or wall cracks/openings on site map. - Note the length of the crack/opening. Note the width of the crack/opening.		
B. SSDS INSPECTION	1. Inspect the SSDS Blower Enclosure.	Y	
	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	NO	
	* 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	
	* Is the spare blower unit stored in the designated secure location in the school?	Y	
	* 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?	NO	
C. EXTERIOR INSPECTION	1. Walk and inspect the entire exterior property.	Y	
	* 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	

D. ACTIONS TAKEN

Minor Crack around building
Curve crack by drain on Red side
Curve is operating by loading dock/Red side (Tennas Court)
Light pole by Main Entrance is sinking in also behind load dock
Plavers by the Blue Magn to Auditorium are very loose

Inspector's Signature: Eric Jackson

There's a lot of sewer grates around the building that's sinking in also a lot of cracks are in the street

Custodial Engineer Monthly or Severe Condition Inspection Form
Vapor Barrier and SSDS

Inspector's Name: Eric Jackson

Inspection Date/Time: 10-8-16

Purpose: (circle one) Monthly Inspection Severe Condition Inspection

		Yes / No*	Notified Person / Date
A. VAPOR BARRIER INSPECTION	1. Walk the entire basement floor	Y	
	* 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	
	* Draw approximate location of floor cracks/openings on site map.	No	
	* 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/or wall cracks/openings on site map. - Note the length of the crack/opening. Note the width of the crack/opening.		
B. SSDS INSPECTION	1. Inspect the SSDS Blower Enclosure.	Y	
	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	No	
	* 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	
	* Is the spare blower unit stored in the designated secure location in the school?	Y	
	* 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?	No	
C. EXTERIOR INSPECTION	1. Walk and Inspect the entire exterior property.	Y	
	* 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	

D. ACTIONS TAKEN
Minor Crack around Building
Crack crack by drain on Red side
Crack is operating by loading dock/Red side (Jeaniz court)
Right side by Main Entrance is sinking in also behind Loading Dock
Layers by the Blue main to Auditorium are very loose
 Inspector's Signature: Eric Jackson

1) There's a lot of sewer grates around the building that's sinking in also a lot of cracks in the street

Custodial Engineer Monthly or Severe Condition Inspection Form
Vapor Barrier and SSDS

Inspector's Name: Eric Jackson

Inspection Date/Time: 11-10-10

Purpose: (circle one) Monthly Inspection Severe Condition Inspection

		Yes / No*	Notified Person / Date
A. VAPOR BARRIER INSPECTION	1. Walk the entire basement floor	Y	
	* 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	
	* Draw approximate location of floor cracks/openings on site map.	NO	
	* 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/or wall cracks/openings on site map. - Note the length of the crack/opening. Note the width of the crack/opening.		
B. SSDS INSPECTION	1. Inspect the SSDS Blower Enclosure.	Y	
	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	NO	
	* 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	
	* Is the spare blower unit stored in the designated secure location in the school?	Y	
	* 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?	NO	
C. EXTERIOR INSPECTION	1. Walk and Inspect the entire exterior property.	Y	
	* 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)?	Y/NO	
	* Have any structures been constructed on the unpaved areas?	NO	
	* Are there any signs of intrusive activities?	N/A	

D. ACTIONS TAKEN
Minor Cracks around Bolling
Curve Cracking by drain on Red Side
Curve is splintering by Loading dock/Red side (Tennis Court)
Right pole by Main Entrance is sinking in also behind Loading Dock
Pavers by the Blue Hall to Auditorium are very loose

Inspector's Signature: Eric Jackson

There's a lot of swager grates around the Bolling that's sinking in also a lot of cracks in the street

Custodial Engineer Monthly or Severe Condition Inspection Form
Vapor Barrier and SSDS

Inspector's Name: Eric Jackson

Inspection Date/Time: 12-4-16

Purpose: (circle one) Monthly Inspection Severe Condition Inspection

		Yes / No*	Notified Person / Date
A. VAPOR BARRIER INSPECTION	1. Walk the entire basement floor		
	* Any visible cracks in the basement floor?	Y	
	* 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	
	* 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/or wall cracks/openings on site map. - Note the length of the crack/opening. Note the width of the crack/opening.	NO	
B. SSDS INSPECTION	1. Inspect the SSDS Blower Enclosure.		
	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	Y	
	* 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	
	* 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?	Y	
C. EXTERIOR INSPECTION	1. Walk and inspect the entire exterior property.		
	* 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	
		NO	

D. ACTIONS TAKEN

Minor Cracks around Building
Crack cracking by drain on Red side
Crack is separating by loading dock/Red side (Team's Court)
Light pole by Main Entrance is sinking in also behind Loading Dock
Paver by the Blue Mach to the Auditorium are very loose

Inspector's Signature: Eric Jackson

1) There's a lot of sweeper grates around the building that's sinking in also a lot of cracks in the street

Custodial Engineer Monthly or Severe Condition Inspection Form
Vapor Barrier and SSDS

Inspector's Name: Eric Jackson

Inspection Date/Time: 1-8-17

Purpose: (circle one) Monthly Inspection Severe Condition Inspection

		Yes / No*	Notified Person / Date
A. VAPOR BARRIER INSPECTION	1. Walk the entire basement floor	Y	
	* 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	
	* Draw approximate location of floor cracks/openings on site map.	NO	
	* 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/or wall cracks/openings on site map. - Note the length of the crack/opening. Note the width of the crack/opening.		
B. SSDS INSPECTION	1. Inspect the SSDS Blower Enclosure.	Y	
	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	NO	
	* 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	
	* Is the spare blower unit stored in the designated secure location in the school?	Y	
	* 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?	NO	
C. EXTERIOR INSPECTION	1. Walk and Inspect the entire exterior property.	Y	
	* 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	

D. ACTIONS TAKEN

Minor Cracks around the Building
Crack cracking by drain on the side
Crack is separating by loading dock / the side (Tennis Court)
Light pole by Main Entrance is sinking in also behind loading dock
Paver by the Blue Main to the Auditorium are very loose

Inspector's Signature: [Signature]

1) There's a lot of swager cracks around the building that's sinking in also a lot of cracks in the street
 2) From 12-30 Pro Con dug up the concrete o/s Exit L and now it's leaking in the MELs storage Room 0069

Custodial Engineer Monthly or Severe Condition Inspection Form
Vapor Barrier and SSDS

Inspector's Name: Eric Jackson

Inspection Date/Time: 2-5-17

Purpose: (circle one) Monthly Inspection Severe Condition Inspection

		Yes / No*	Notified Person / Date
A. VAPOR BARRIER INSPECTION	1. Walk the entire basement floor	Y	
	* 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	
	* Draw approximate location of floor cracks/openings on site map.	NO	
	* 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/or wall cracks/openings on site map. - Note the length of the crack/opening. Note the width of the crack/opening.		
B. SSDS INSPECTION	1. Inspect the SSDS Blower Enclosure.	Y	
	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	NO	
	* 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	
	* Is the spare blower unit stored in the designated secure location in the school?	Y	
	* 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?	NO	
C. EXTERIOR INSPECTION	1. Walk and inspect the entire exterior property.	Y	
	* 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	
D. ACTIONS TAKEN	<u>Minor Cracks around the Building</u> <u>Crack Crackings by drain on Red side</u> <u>Crack is operating by loading dock / Red side (Tennis Court)</u> <u>Light Pole by Main Entrance is sinking in also behind Loading Dock</u> <u>Paver by the Blue Main to the Auditorium are very loose</u>		
Inspector's Signature: <u>Eric Jackson</u>			

1) There's a lot of sewer grates arounds the building that's sinking in also a lot of cracks in the street
 2) From 12-22-16, 12-30-16 Pro Con dug up the concrete w/s Ex. 7 L and now it's leaking in the MEL'S storage room 0069

Custodial Engineer Monthly or Severe Condition Inspection Form
Vapor Barrier and SSDS

Inspector's Name: Eric Jackson

Inspection Date/Time: 3-5-17

Purpose: (circle one) Monthly Inspection Severe Condition Inspection

	Yes / No*	Notified Person / Date
A. VAPOR BARRIER INSPECTION	1. Walk the entire basement floor	
	* Any visible cracks in the basement floor?	Y
	* 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
	* 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/or wall cracks/openings on site map. - Note the length of the crack/opening. Note the width of the crack/opening.	
B. SSDS INSPECTION	1. Inspect the SSDS Blower Enclosure.	
	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	Y
	* 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
	* 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?	Y
C. EXTERIOR INSPECTION	1. Walk and inspect the entire exterior property.	
	* Are there any significant cracks or deterioration of the paved areas?	Y
	* 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

D. ACTIONS TAKEN
Minor Cracks around the building
Curve Cracking by drain on Red Side
Curve is separating by loading dock / Red Side (Travis Court)
Light Pole by Main Entrance is sinking in Also behind loading Dock
Pavers by the Blue Main to the Auditorium are very loose

Inspector's Signature: [Signature]

1) There's a lot of sewer grates around the building that's sinking in also a lot of cracks in the street.
 2) From 12-23-16, 12-30-16 Pro Con dug up the concrete o/s Exit C and now it's leaking in the MEH's storage Room 0069

Custodial Engineer Monthly or Severe Condition Inspection Form
Vapor Barrier and SSDS

Inspector's Name: Eric Jackson

Inspection Date/Time: 4-3-17

Purpose: (circle one) Monthly Inspection Severe Condition Inspection

		Yes / No*	Notified Person / Date
A. VAPOR BARRIER INSPECTION	1. Walk the entire basement floor	Y	
	* 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	
	* Draw approximate location of floor cracks/openings on site map.	NO	
	* 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/or wall cracks/openings on site map. - Note the length of the crack/opening. Note the width of the crack/opening.		
B. SSDS INSPECTION	1. Inspect the SSDS Blower Enclosure.	Y	
	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	NO	
	* 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	
	* Is the spare blower unit stored in the designated secure location in the school?	Y	
	* 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?	NO	
C. EXTERIOR INSPECTION	1. Walk and inspect the entire exterior property.	Y	
	* 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	

D. ACTIONS TAKEN
Minor Cracks arounds the Building
Crack Cracking by drain on Red side
Crack is spreading by loading dock/Red side (Fleming Court)
Light Pole by Main Entrance is Sinking in Also behind loading dock
Water by the Blue Main to the Auditorium are very loose

Inspector's Signature:

There's a lot of sewer grates around the Building that's sinking in. Also a lot of cracks in the street
 From 12-22-16, 12-30-16 Pro can dig up the concrete @ East
 and since then it's leaking in the MEL's Storage Room @ 065

Custodial Engineer Monthly or Severe Condition Inspection Form
Vapor Barrier and SSDS

Inspector's Name: Eric Jackson
 Inspection Date/Time: 5-6-17
 Purpose: (circle one) Monthly Inspection Severe Condition Inspection

	Yes / No*	Notified Person / Date
A. VAPOR BARRIER INSPECTION	1. Walk the entire basement floor	
	* Any visible cracks in the basement floor?	Y
	* 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
	* 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/or wall cracks/openings on site map. - Note the length of the crack/opening. Note the width of the crack/opening.	NO
B. SSDS INSPECTION	1. Inspect the SSDS Blower Enclosure.	
	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	Y
	* 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
	* 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?	Y
C. EXTERIOR INSPECTION	1. Walk and inspect the entire exterior property.	
	* Are there any significant cracks or deterioration of the paved areas?	Y
	* 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

D. ACTIONS TAKEN
Minor Cracks around the Building
Curve cracking by drain on the Red side
Curve is separating by loading dock/Red side by (Tennis Court)
Light pole by Main Entrance is sinking in. Also loading dock
Paver by the Blue Main to the Auditorium are very loose

Inspector's Signature: _____

1) There's a lot of sewer grates around the Building that's sinking in
 Also a lot of cracks in the street
 2) From 12-22-16-12-30-16 Pool Con dug on the concrete @/S Exit 2
 and since then it's been leaking in the MB's storage Rm 0069

Custodial Engineer Monthly or Severe Condition Inspection Form
Vapor Barrier and SSDS

Inspector's Name: Eric Jackson

Inspection Date/Time: 6-4-17

Purpose: (circle one) Monthly Inspection Severe Condition Inspection

		Yes / No*	Notified Person / Date
A. VAPOR BARRIER INSPECTION	1. Walk the entire basement floor	Y	
	* 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	
	* Draw approximate location of floor cracks/openings on site map.	NO	
	* 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/or wall cracks/openings on site map. - Note the length of the crack/opening. Note the width of the crack/opening.		
B. SSDS INSPECTION	1. Inspect the SSDS Blower Enclosure.	Y	
	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	NO	
	* 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	
	* 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?	NO	
C. EXTERIOR INSPECTION	1. Walk and inspect the entire exterior property.	Y	
	* 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	

D. ACTIONS TAKEN
Minor Cracks around the Building
Curve cracking by drain on the Red side
Curve is separating by the loading dock / Red side by (Tenn's Court)
Light pole by Main Entrance is sinking in Also behind loading dock
Paver by the Blue Main to the Auditorium are very loose

Inspector's Signature:

1) There's a lot of sewer grates around the Building that's sinking in
 Also a lot of cracks in the street
 2) From 12-22-16 - 12-30-16 Pro Con dug up the concrete Ots Exit L
 and since then it has been leaking in the MEI's storage. Am OOGS

Custodial Engineer Monthly or Severe Condition Inspection Form
Vapor Barrier and SSDS

Inspector's Name: Eric Jackson

Inspection Date/Time: 7-8-17

Purpose: (circle one) Monthly Inspection Severe Condition Inspection

		Yes / No*	Notified Person / Date
A. VAPOR BARRIER INSPECTION	1. Walk the entire basement floor	Y	
	* 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	
	* Draw approximate location of floor cracks/openings on site map.	NO	
	* 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/or wall cracks/openings on site map. - Note the length of the crack/opening. Note the width of the crack/opening.		
B. SSDS INSPECTION	1. Inspect the SSDS Blower Enclosure.	Y	
	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	NO	
	* 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	
	* 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?	NO	
	* Does the Building Management System (BMS) indicate any SSDS failure?	NO	
C. EXTERIOR INSPECTION	1. Walk and inspect the entire exterior property.	Y	
	* 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	

D. ACTIONS TAKEN
Minor Cracks around the Building
Curve cracking by drain on the Red side
Curve is separating by the loading dock / Red side by (Travis Court)
Light pole by Main Entrance is sinking in also behind the loading dock
Revers by the Blue Main to the Auditorium are very loose

Inspector's Signature:

1) There's a lot of sweeper graters around the building that's sinking on
 Also a lot of cracks in the street
 2) From 12-22-16 - 12-30-16 Pro can dug up the concrete @s Exit L
 and since then it has been leaking in the MEL's storage room 0069

Custodial Engineer Monthly or Severe Condition Inspection Form
Vapor Barrier and SSDS

Inspector's Name: Eric Jackson

Inspection Date/Time: 8-5-17

Purpose: (circle one) Monthly Inspection Severe Condition Inspection

	Yes / No*	Notified Person / Date
A. VAPOR BARRIER INSPECTION		
1. Walk the entire basement floor		
* Any visible cracks in the basement floor?	Y	
* 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	
* 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/or wall cracks/openings on site map. - Note the length of the crack/opening. Note the width of the crack/opening.	NO	
B. SSDS INSPECTION		
1. Inspect the SSDS Blower Enclosure.		
* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	Y	
* 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	
* 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?	NO	
C. EXTERIOR INSPECTION		
1. Walk and inspect the entire exterior property.		
* Are there any significant cracks or deterioration of the paved areas?	Y	
* 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	

D. ACTIONS TAKEN
Minor Cracks around the Building
Crack Cracking by drain on the Red side
Crack is operating by the loading dock/Red side by (Tennis Court)
Light pole by the Main Entrance is sinking in Also behind the loading dock
Pavers by the Blue Man to the Auditorium are very loose
 Inspector's Signature: Eric Jackson

- 1) There's a lot of sewer grate around the Building that's sinking is also a lot of cracks in the street
- 2) From 12-22-16 to 5-30-16 Pro Con dug up the concrete at Exit 4 and since then it's been leaking in the MET's storage Room 0069

Custodial Engineer Monthly or Severe Condition Inspection Form
Vapor Barrier and SSDS

Inspector's Name: Eric Jackson

Inspection Date/Time: 9-9-17

Purpose: (circle one) Monthly Inspection Severe Condition Inspection

		Yes / No*	Notified Person / Date
A. VAPOR BARRIER INSPECTION	1. Walk the entire basement floor		
	* Any visible cracks in the basement floor?	Y	
	* 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	
	* 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/or wall cracks/openings on site map. - Note the length of the crack/opening. Note the width of the crack/opening.	NO	
B. SSDS INSPECTION	1. Inspect the SSDS Blower Enclosure.		
	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	Y	
	* 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	
	* 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?	Y	
C. EXTERIOR INSPECTION	1. Walk and inspect the entire exterior property.		
	* Are there any significant cracks or deterioration of the paved areas?	Y	
	* 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	
D. ACTIONS TAKEN	<u>Minor Cracks around the Building</u>		
	<u>Crack Cracking by drain on the Red Side</u> <u>Crack is separating by the loading dock / Red side by (Tennis Court)</u> <u>Light pole by the Main Entrance is sinking in / Also by the loading dock</u> <u>Pavers by the Blue Main to Auditorium are very loose</u>		
Inspector's Signature: <u>Eric Jackson</u>			

1) There's a lot of sweeper grates around the Building that sink in
Also a lot of cracks in the Street

2) from 12-9816 / 12-30-16 Pro Can dug up the concrete pits Exit 6
and since then it's has been leaking in the MEL's storage room room 0069

Custodial Engineer Monthly or Severe Condition Inspection Form
Vapor Barrier and SSDS

Inspector's Name: Eric Jackson

Inspection Date/Time: 10-7-17

Purpose: (circle one) Monthly Inspection Severe Condition Inspection

		Yes / No*	Notified Person / Date
A. VAPOR BARRIER INSPECTION	1. Walk the entire basement floor		
	* Any visible cracks in the basement floor?	Y	
	* 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	
	* 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/or wall cracks/openings on site map. - Note the length of the crack/opening. Note the width of the crack/opening.	NO	
B. SSDS INSPECTION	1. Inspect the SSDS Blower Enclosure.		
	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	Y	
	* 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	
	* 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?	Y	
C. EXTERIOR INSPECTION	1. Walk and inspect the entire exterior property.		
	* Are there any significant cracks or deterioration of the paved areas?	Y	
	* 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	
D. ACTIONS TAKEN	<u>Minor Cracks around the Building</u>		
	<u>Crack Cracking by drain on the Red Side</u>		
	<u>Crack is separating by the loading dock / Red side by (Tennis Court)</u>		
	<u>Light pole by the Main Entrance is sinking / Also by the loading dock</u>		
<u>Pavers by the Blue Main to Auditorium are very loose</u>			
Inspector's Signature: <u>[Signature]</u>			

1) There's a lot of sweeper grates around the Building that sink in
 Also a lot of cracks in the Street
 2) from 12-9846 / 12-30-16 Pro Can dug up the concrete at Exit 4
 and since then it's has been leaking in the MEL's storage room Room 0069

Custodial Engineer Monthly or Severe Condition Inspection Form
Vapor Barrier and SSDS

Inspector's Name: Eric Jackson

Inspection Date/Time: 11-11-17

Purpose: (circle one) Monthly Inspection Severe Condition Inspection

		Yes / No*	Notified Person / Date
A. VAPOR BARRIER INSPECTION	1. Walk the entire basement floor	Y	
	* 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	
	* Draw approximate location of floor cracks/openings on site map.	NO	
	* 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/or wall cracks/openings on site map. - Note the length of the crack/opening. Note the width of the crack/opening.		
B. SSDS INSPECTION	1. Inspect the SSDS Blower Enclosure.	Y	
	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	NO	
	* 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	
	* Is the spare blower unit stored in the designated secure location in the school?	Y	
	* 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?	NO	
C. EXTERIOR INSPECTION	1. Walk and inspect the entire exterior property.	Y	
	* 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	

D. ACTIONS TAKEN
Minor Cracks around the Building
Crack Cracking by drain on the Red Side
Crack is spreading by the loading dock W side by (Tennis Court)
Light pipe by the Main Entrance is sinking in/tilting the loading dock
Pavers by the Blue Main to Auditorium are very loose
 Inspector's Signature: [Signature]

1) There's a lot of sweeper grates around the Building that sink in
 Also a lot of cracks in the Street
 2) from 12-20-16 / 12-30-16 Pro Cam dug up the concrete at's Exit 4
 and since then it's has been leaking in the MEL's storage room Room 0069

Custodial Engineer Monthly or Severe Condition Inspection Form
Vapor Barrier and SSDS

Inspector's Name: Eric Jackson

Inspection Date/Time: 12-5-17

Purpose: (circle one) Monthly Inspection Severe Condition Inspection

		Yes / No*	Notified Person / Date
A. VAPOR BARRIER INSPECTION	1. Walk the entire basement floor	Y	
	* 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	
	* Draw approximate location of floor cracks/openings on site map.	NO	
	* 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/or wall cracks/openings on site map. - Note the length of the crack/opening. Note the width of the crack/opening.		
B. SSDS INSPECTION	1. Inspect the SSDS Blower Enclosure.	Y	
	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	NO	
	* 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	
	* Is the spare blower unit stored in the designated secure location in the school?	Y	
	* 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?	NO	
C. EXTERIOR INSPECTION	1. Walk and inspect the entire exterior property.	Y	
	* 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	
D. ACTIONS TAKEN	<u>Minor Cracks around the Building</u>		
	<u>Crack Cracking by drain on the Red Side</u> <u>Crack is separating by the loading dock / Red side by (Tennis Court)</u> <u>Light pole by the Main Entrance is sinking in / Also by the loading dock</u> <u>Pavers by the Blue Main to Auditorium are very loose</u>		
Inspector's Signature: <u>Eric Jackson</u>			

1) There's a lot of sweeper grates around the building that sink in
 Also a lot of cracks in the street
 2) from 12-22-16 / 12-30-16 Pro Cam dug up the concrete at Exit 4
 and since then it's has been leaking in the MEL's storage room Room 00.69

Custodial Engineer Monthly or Severe Condition Inspection Form
Vapor Barrier and SSDS

Inspector's Name: Eric Jackson

Inspection Date/Time: 1-7-18

Purpose: (circle one) Monthly Inspection Severe Condition Inspection

		Yes / No*	Notified Person / Date
A. VAPOR BARRIER INSPECTION	1. Walk the entire basement floor	Y	
	* 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	
	* Draw approximate location of floor cracks/openings on site map.	NO	
	* 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/or wall cracks/openings on site map. - Note the length of the crack/opening. Note the width of the crack/opening.		
B. SSDS INSPECTION	1. Inspect the SSDS Blower Enclosure.	Y	
	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	NO	
	* 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	
	* Is the spare blower unit stored in the designated secure location in the school?	Y	
	* 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?	NO	
C. EXTERIOR INSPECTION	1. Walk and inspect the entire exterior property.	Y	
	* 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	

D. ACTIONS TAKEN
Minor Cracks around the Building
Crack Cracking by drain on the Red Side
Crack is spreading by the loading dock / the side by (Temus Court)
Light pole by the Main Entrance is sinking right behind the loading dock
Pavers by the Blue Main to Auditorium are very loose
 Inspector's Signature: [Signature]

1) There's a lot of sweeper grates around the Building that sink in
 Also a lot of cracks in the Street
 2) from 12-2016 / 12-30-16 Pro Cen dug up the concrete at's Exit 4
 and since then it's has been leaking in the MEL's Storage Room Room 00.69

Custodial Engineer Monthly or Severe Condition Inspection Form
Vapor Barrier and SSDS

Inspector's Name: Eric Jackson

Inspection Date/Time: 2-11-18

Purpose: (circle one) Monthly Inspection Severe Condition Inspection

		Yes / No*	Notified Person / Date
A. VAPOR BARRIER INSPECTION	1. Walk the entire basement floor	Y	
	* 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	
	* Draw approximate location of floor cracks/openings on site map.	NO	
	* 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/or wall cracks/openings on site map. - Note the length of the crack/opening. Note the width of the crack/opening.		
B. SSDS INSPECTION	1. Inspect the SSDS Blower Enclosure.	Y	
	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	NO	
	* 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	
	* Is the spare blower unit stored in the designated secure location in the school?	Y	
	* 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?	NO	
C. EXTERIOR INSPECTION	1. Walk and Inspect the entire exterior property.	Y	
	* 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	

D. ACTIONS TAKEN
Minor Cracks around the Building
Crack Cracking by drain on the Red Side
Crack is separating by the loading dock / W side by (Tennis Court)
light pole by the main entrance is sinking in / Also by the loading dock
Pavers by the Blue Main to Auditorium are very loose
 Inspector's Signature: Eric Jackson

1) There's a lot of sweeper grates around the Building that sink in
 Also a lot of cracks in the Street
 2) from 12-27-16 / 12-30-16 Pro Cam dug up the concrete at Exit 4
 and since then it's has been leaking in the MEL's storage room Room 0069

Attachment 3
Training Acknowledgement



**ENVIRONMENTAL • GEOTECHNICAL
BUILDING SCIENCES • MATERIALS TESTING**

104 East 25th St, 10th 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: 0686

Custodian/Fireman: Ernie Jackson

I, Ernie Jackson, received annual refresher training on Engineering Controls Operation and Maintenance by ATC Group Services, LLC (ATC) on 2/21/18. 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: [Signature]
Custodian/Fireman

Date: 2-21-18

Recommendations:

- 1) Replace blower sealed bearings in SSNS fan unit
- 2) Replace outlet pressure gauge
- 3) Monitor building cracks in room 002 & 005 as necessary
- 4) Place top soil and seed w/ grass seed new & seed containers
- 5) Repair cracks on tennis & volleyball courts & sidewalk cracks
- 6) Complete semi-annual inspection forms provided.

Attachment 4
Photographic Documentation

New York City Department of Education
Metropolitan Avenue Campus
91-30 Metropolitan Avenue
Forest Hills, New York 11375



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



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



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



Photo 4: View of typical pavers.



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



Photo 6: View of SSDS vacuum gage.

Attachment 5
Annual Inspection Form

Annual Inspection Form

Metropolitan Avenue - 167Q (6864)

Inspector's Name: Husam Zeidan

Weather Conditions: Cloudy

Inspection Date: 2/21/18

Air Temperature (°F): 65

Inspection Time:

Comments:

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? No
- * Any rust or other debris in the vicinity of the inline filter/bird screen? No
- * Is the SSDS blower unit functioning properly and is the spare blower unit available? Yes, Rm 0005
- * Is the inline filter differential pressure gauge functioning properly? Yes
- * Is the blower inlet vacuum indicator functioning properly? Yes
- * Are the blower outlet pressure gauge and temperature gauge functioning properly? temp gauge yes, outlet press. gauge no
- * Is the discharge flow element functioning properly? Yes
- * Is the dilution air intake functioning properly? Yes
- * Are the indicator lights on the BMS panel functioning properly? No
- * Comments (see or hear anything unusual?):

C. BASEMENT INSPECTION - Walk Entire Basement Floor

- * Review all cracks or other openings identified in ground floors during previous inspections.
- * Any new visible cracks in the basement floor? hairline crack in Rm 0003
- * Any new visible cracks in the basement walls? No
- * Any new visible opening (unintended) in either the floor or walls? No
- * Any new visible cracks in elevator pit or other accessible pits? N/A
- * Note the length of any new cracks/openings in the basement floor. 6' long
- * Note the length of any new cracks/openings in the basement walls. N/A
- * Draw approximate location of floor cracks/openings that appear to have potential leak through vapor barrier. N/A
- * Comments:

D. EXTERIOR INSPECTION - Walk Entire Exterior Property

- * 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)? Yes SW & NW corners of school
- * 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
- * Comments: No signs of soil come / walk curbs / patch potholes

D. Repair

Summarize needed/completed repairs to Engineering Controls:

See comments above

Inspector's Signature:

[Handwritten Signature]