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:



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 21 st Street Long Island City, New York 11101 (718) 482-4065 New York City School Construction Authority 30-30 Thomson Avenue Long Island City, New York 11101 (718) 472-8000 TRC Engineers, Inc. 1430 Broadway, 10 th 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 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 <u>Vapor Barrier</u>

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 <u>Sub-Slab Depressurization System</u>

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

2.3 <u>Composite Cover System</u>

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

3.0 INSTITUTIONAL CONTROLS

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

- Comply with the Declarations of Covenants and Restrictions (DCR) and comply with all elements of the SMP;
- Operate and maintain all ECs as per the SMP;
- Inspect, maintain, and certify the integrity of the cover system consisting of asphalt covered roads, concrete covered sidewalks, a resilient track surface, artificial turf, rubber surfacing, two feet of environmentally clean fill at landscaped areas and a concrete building floor slab as required by the SMP;
- Operate, inspect, maintain, and certify the soil vapor mitigation system consisting of a vapor barrier and an active SSDS under all enclosed building structures as required in the SMP;
- Inspect and certify all ECs at a frequency as defined in the SMP;
- Report data and information relevant to Site Management for the Property at the frequency and as defined in the SMP;
- Protect and replace groundwater monitoring wells as necessary to ensure the devices function in the manner specified in the SMP.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).



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- 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 <u>Document Review</u>

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 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.



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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 21 st Street Long Island City, NY 11101

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

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

Enclosures

PRR General Guidance Certification Form Instructions Certification Forms

cc: w/ enclosures

City Of New York, SCA

ec: w/ enclosures

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

Enclosure 1

Certification Instructions

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

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

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

1.1.1. Review the listed IC/ECs, confirming that all existing controls are listed, and that all existing controls are still applicable. If there is a control that is no longer applicable the Owner / Remedial Party should petition the Department separately to request approval to remove the control.

2. In Box 5, complete certifications for all Plan components, as applicable, by checking the corresponding checkbox.

3. If you <u>cannot</u> certify "YES" for each Control listed in Box 3 & Box 4, sign and date the form in Box 5. Attach supporting documentation that explains why the **Certification** cannot be rendered, as well as a plan of proposed corrective measures, and an associated schedule for completing the corrective measures. Note that this **Certification** form must be submitted even if an IC or EC cannot be certified; however, the certification process will not be considered complete until corrective action is completed.

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

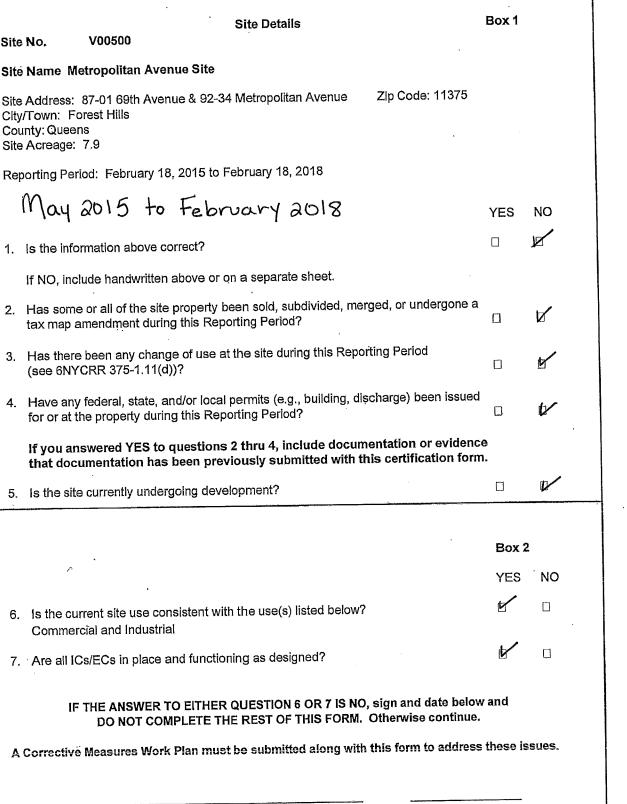
III. IC/EC Certification by Signature (Box 6 and Box 7):

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

- For the Institutional Controls on the use of the property, the certification statement in Box 6 shall be completed and may be made by the property owner or designated representative.
- For the Engineering Controls, the certification statement in Box 7 must be completed by a Professional Engineer or Qualified Environmental Professional, as noted on the form.



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



Signature of Owner, Remedial Party or Designated Representative

SITE NO. V00500

Description of Institutional Controls

Parcel 3886-800 Owner City of New York, SCA Institutional Control

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

2.2 ENGINEERING CONTROL COMPONENTS

2.2.1 Engineering Control Systems

2.2.1.1 Composite Cover System

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

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

detail in Section 2.3.2 of the SMP. Issues related to maintenance of this cover are provided in the Monitoring Plan included in Section 4 of the SMP. 2.2.1.2 Vapor Barrier

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

2.2.1.3 Sub Slab Depressurization System (SSDS)

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

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

2.2.2 Criteria for Completion of Remediation/Termination of Remedial Systems 2.2.2.1 Vapor Barrier

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

2.2.2.2 Sub Slab Depressurization System (SSDS)

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

Box 3.

24 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; 26

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

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

. Grantor agrees to submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the Site are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP. NYSDEC retains the right to access such Site at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow. This annual statement must be certified by an expert that the NYSDEC finds acceptable.

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 24

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

2.2.2.3 Composite Cover System

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

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

2.3 INSTITUTIONAL CONTROLS COMPONENTS

2.3.1 Institutional Controls

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

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

25

. All Engineering Controls must be operated and maintained as specified in this SMP:

. A composite cover system consisting of asphalt covered roads, concrete covered sidewalks, a resilient track surface, synthetic turf, rubber surfacing, two feet of environmentally clean fill at landscaped areas, and a concrete building floor slab must be inspected, certified and maintained as required in this SMP;

. A soil vapor mitigation system consisting of a vapor barrier and an active SSDS under all enclosed building structures must be inspected, certified, operated and maintained as required in this SMP;

. All Engineering Controls on the Site must be inspected and certified at a frequency and in a manner defined in the SMP;

. Data and information pertinent to Site Management for the Site must be reported at the frequency and in a manner defined in this SMP;

. Groundwater and soil vapor monitoring must be performed as defined in this SMP:

. Groundwater monitor wells and soil vapor monitoring points must be protected and replaced as necessary to ensure the devices function in the manner specified in this SMP, and;

. Engineering Controls may not be discontinued without an amendment or the extinguishment of this Environmental Easement.

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

. Vegetable gardens and farming on the Site are prohibited;

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

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

. The Site may only be used for a school campus provided that the long-term Engineering and Institutional Controls included in this SMP are employed; 26

. The Site may not be used for purposes other than a school without an amendment or the extinguishment of this Environmental Easement approved in writing by the NYSDEC, and;

. Grantor agrees to submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the Site are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP. NYSDEC retains the right to access such Site at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow. This annual statement must be certified by an expert that the NYSDEC finds acceptable.

Box 4

Description of Engineering Controls

Parcel 3886-800

Engineering Control

Vapor Mitigation Cover System Subsurface Barriers

3886-830

Vapor Mitigation Cover System Subsurface Barriers

			Box 5
	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 directi reviewed by, the party making the certification; 	on of,	and
	b) to the best of my knowledge and belief, the work and conclusions described in are in accordance with the requirements of the site remedial program, and general	this ce Ily acc	rtification epted
	engineering practices; and the information presented is accurate and compete.	YES	NO
		V	
2.	If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for e or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that following statements are true:	each In all of t	stitutiona ne
	(a) the Institutional Control and/or Engineering Control(s) employed at this site is since the date that the Control was put in-place, or was last approved by the Dep	uncha artmer	nged t;
	(b) nothing has occurred that would impair the ability of such Control, to protect p the environment;	oublic h	ealth and
	 (c) access to the site will continue to be provided to the Department, to evaluate remedy, including access to evaluate the continued maintenance of this Control; 	the	
	(d) nothing has occurred that would constitute a violation or failure to comply wit Site Management Plan for this Control; and	h the	
	(e) if a financial assurance mechanism is required by the oversight document for mechanism remains valid and sufficient for its intended purpose established in the	r the si le doci	te, the iment.
		YES	NO
		\mathbf{V}	
	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 t	hese is	sues.
	Signature of Owner, Remedial Party or Designated Representative Date		

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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 <u>BERHARD ORLAN</u> at <u>44-36 Vernox BLVD, LTC, NY III°1</u> , print name at <u>44-36 Vernox BLVD, LTC, NY III°1</u> , print business address am certifying as <u>OWAER</u> (Owner or Remedial Party) for the Sitenamed in the Site Details Section of this form. <u>Signature of Owner, Remedial Party, or Designated Representative</u> $3/20/18$ Date		IC CERTIFICATIONS SITE NO. V00500	Box 6
am certifying as <u>$0WARR$</u> (Owner or Remedial Party) for the Site named in the Site Details Section of this form. <u>$3/20/18$</u> Signature of Owner, Remedial Party, or Designated Representative Date	I certify that all information and st statement made herein is punish:	tatements in Boxes 1,2, and 3 are true.	I understand that a false
am certifying as <u>$0WARR$</u> (Owner or Remedial Party) for the Site named in the Site Details Section of this form. <u>$3/20/18$</u> Signature of Owner, Remedial Party, or Designated Representative Date	BERNARD DRLAN	at 44-36 Vernon BLU	D, LICINY 11101
Signature of Owner, Remedial Party, or Designated Representative Date		print business addr	ess(Owner or Remedial Party)
	Signature of Owner, Remedial P	Len_	3/20/18 Date
	• •		

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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. 10010 1 rou print business address print name am certifying as a Professional Engineer for the / (Owner or Remedial Party) 10000 POFESSION Signature of Professional Engineer, for the Owner or amp (Required for PE) Remedial Party, Rendering Certification

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)

and

- A. Describe the site location, boundaries (figure), significant features, surrounding area, and the nature extent of contamination prior to site remediation.
- B. Describe the chronology of the main features of the remedial program for the site, the components of the selected remedy, cleanup goals, site closure criteria, and any significant changes to the selected remedy that have been made since remedy selection.
- III. Evaluate Remedy Performance, Effectiveness, and Protectiveness
 - Using tables, graphs, charts and bulleted text to the extent practicable, describe the effectiveness of the remedy in achieving the remedial goals for the site. Base findings, recommendations, and conclusions on objective data. Evaluations and should be presented simply and concisely.
- IV. IC/EC Plan Compliance Report (if applicable)
 - A. IC/EC Requirements and Compliance
 - 1. Describe each control, its objective, and how performance of the control is evaluated.
 - 2. Summarize the status of each goal (whether it is fully in place and its effectiveness).
 - 3. Corrective Measures: describe steps proposed to address any deficiencies in ICECs.
 - 4. Conclusions and recommendations for changes.
 - B. IC/EC Certification
 - 1. The certification must be complete (even if there are IC/EC deficiencies), and certified by the appropriate party as set forth in a Department-approved certification form(s).
- V. Monitoring Plan Compliance Report (if applicable)
 - A. Components of the Monitoring Plan (tabular presentations preferred) Describe the requirements of the monitoring plan by media (i.e., soil, groundwater, sediment, etc.) and by any remedial technologies being used at the site.
 - B. Summary of Monitoring Completed During Reporting Period Describe the monitoring tasks actually completed during this PRR reporting period. Tables and/or figures should be used to show all data.
 - C. Comparisons with Remedial Objectives Compare the results of all monitoring with the remedial objectives for the site Include trend analyses where possible.
 - D. Monitoring Deficiencies Describe any ways in which monitoring did not fully comply with the monitoring plan.
 - E. Conclusions and Recommendations for Changes Provide overall conclusions regarding the monitoring completed and the resulting evaluations regarding remedial effectiveness.
- VI. Operation & Maintenance (O&M) Plan Compliance Report (if applicable)
 - A. Components of O&M Plan Describe the requirements of the O&M plan including required activities, frequencies, recordkeeping, etc.
 - B. Summary of O&M Completed During Reporting Period Describe the O&M tasks actually completed during this PRR reporting period.
 - C. Evaluation of Remedial Systems Based upon the results of the O&M activities completed, evaluated

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

- O&M Deficiencies Identify any deficiencies in complying with the O&M plan during this PRR D. reporting period.
- Conclusions and Recommendations for Improvements Provide an overall conclusion regarding O&M E. for the site and identify any suggested improvements requiring changes in the O&M Plan.

VII. Overall PRR Conclusions and Recommendations

- Compliance with SMP For each component of the SMP (i.e., IC/EC, monitoring, O&M), summarize; Α.
 - 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.
- Performance and Effectiveness of the Remedy Based upon your evaluation of the components of the Β. SMP, form conclusions about the performance of each component and the ability of the remedy to achieve the remedial objectives for the site.
- Future PRR Submittals С.
 - 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

	Inspector's Name: Eric Sucksa		
	Inspection Date/Time: $3 - 10 - 15$		
	Purpose: (circle one) Monthly Inspection Severe Condition Inspec	tion	
	1. Walk the entire basement floor	Yes / No*	Notified Person / Da
R		Y	
VAPOR BARRIER INSPECTION	Any visible cracks in the basement floor?	NO	
INSP	Any visible cracks in the basement wall?	NO	······································
RIER	Any other visible openings (unintended) in either the floor or walls?	10	
BAR	Draw approximate location of floor cracks/openings on site map.	NO	
POR	Any construction activities in basement affecting basement floor/ walls?	NO	
A. VA	 ** Notification of DSF is required if cracks are noted. Include the following information: Draw approximate location of floor and/or wall cracks/openings on site map. Note the length of the crack/opening. Note the width of the crack/opening. 		•
	1. Inspect the SSDS Blower Enclosure.	TY T	
NO	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	NO	
ECT	* Is the rain cap missing on the Vent Stack?	NO	
SSDS INSPECTION	Is the SSDS blower unit functioning at a lower air flow than previously observed?		÷.
Sass	Is the spare blower unit stored in the designated secure location in the school?	NO	
m	Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?		
Ŧ	Does the Building Management System (BMS) indicate any SSDS failure?	10	
_ 1	. Walk and inspect the entire exterior property.		
ECTION	Are there any significant cracks or deterioration of the paved areas?		
	Has there been any removal of any pavement?	NO	
EXTERIOR INSP	Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	<u> </u>	
	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	No	·
¥ آ ب	Have any structures been constructed on the unpaved areas?	$\overline{}$	
5 F	Are there any signs of intrusive activities?	1(0)	
X	Almor cracks arounds the Building	NO	
C	in the source portology		
C	Drue cracks by drain on Archide	· 14	<u> </u>
C C C Line	sht pole by your Entrance is sinking and		11 Links I
	ver by the Blue Main it Abditorium is very	loos e	the loading do
11	nspector's Signature: un fut		
here	is a lot of swage grates around the Bu	ilding th	ats sinking in

(

	Custodial Engineer Monthly or Severe Condition Insp Vapor Barrier and SSDS	ection Form						
	spector's Name: Eric Jacks a							
Ins	pection Date/Time: 6-7-15							
Pu	rpose: (circle one) Monthly Inspection Severe Condition Inspec	tion	,					
		Yes / No*	Notified Person / Date					
1	Naik the entire basement floor	V	. nouned reison / Date					
ÕĽ:	Any visible cracks in the basement floor?	NO						
VAPOR BARRIER INSPECTION	Any visible cracks in the basement wall?							
н Н Н Н Н Н Н Н Н	Any other visible openings (unintended) in either the floor or walls?	No						
ARR	Draw approximate location of floor cracks/openings on site map.	NO	· · · · · · · · · · · · · · · · · · ·					
	Any construction activities in basement affecting basement floor/ walls?	NO						
	Interfaction of DSF is required if cracks are noted. Include the following information: Draw approximate location of floor and/or wall cracks/openings on site map. Note the length of the crack/opening. Note the width of the crack/opening.							
1. In	spect the SSDS Blower Enclosure.	+						
	ny rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	/	-					
	the rain cap missing on the Vent Stack?	NO	·					
* Is	the SSDS blower unit functioning at a lower air flow than previously observed?	NO	÷					
	the spare blower unit stored in the designated secure location in the school?	NO						
	an you rotate the blower wheel of the spare unit to verify it is properly lubricated?	<u> </u>						
	pes the Building Management System (BMS) indicate any SSDS failure?	NO						
1. Wa	Ik and inspect the entire exterior property.	NO						
• Ar	e there any significant cracks or deterioration of the paved areas?	NO						
* Ha	s there been any removal of any pavement?		· · · · · · · · · · · · · · · · · · ·					
* is t	here any soil washing or erosion (gullies, soil washed out onto the pavement)?	X						
	s there been any vehicular use on the unpaved areas (tire tracks, rutting)?	NO						
* Hav	e any structures been constructed on the unpaved areas?	-¥						
* Are	there any signs of intrusive activities?	w -						
Min	pp cracks around the B. M.							
Ciri	Vinpo Crack around the Building							
CHER	The sice	. h. T						
lishe	pole by Main Entrance is sinking also hel	e by Fr.						
Inspec	by the bloce Main to abditer ium are	very lo	bading dock					
juin is	a lot of subje grates around the Build	they this	1)s sinkels ch					
o H	here's alat of cracks in the stree	4	13 SINKAR (4					

	_	Custodial Engineer Monthly or Severe Condition Inspe Vapor Barrier and SSDS	ection Form	
		Inspector's Name: Eric Jackson		
		Inspection Date/Time: $\mathbf{F} - 12 - 15$		
		Purpose: (circle one) Monthly Inspection Severe Condition Inspect	lion	·
	-	1. Walk the entire basement floor	Yes / No*	Notified Person / Date
	. 2		Y	
		2 * Any visible cracks in the basement floor?	No	
	BARRIER INSPECTION	* Any visible cracks in the basement wall?	No	
	ER	* Any other visible openings (unintended) in either the floor or walls?	NO	
	ARRI	Draw approximate location of floor cracks/openings on site map.	NO	
	R B	Any construction activities in basement affecting basement floor/ walls?	1	
	A. VAPOR	- Uraw approximate location of floor and/or well procke/appril	NO	
		1. Inspect the SSDS Blower Enclosure.		
	Z	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	<u> </u>	
· .	Ē	* Is the rain cap missing on the Vent Stack?	<u>AIƏ</u>	
	INSPECTION	Is the SSDS blower unit functioning at a lower air flow than previously observed?	NO	*
	SSDS I	 Is the spare blower unit stored in the designated secure location in the school? 	NO	
	B. SS		Ý.	
		Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	Ý.	
		* Does the Building Management System (BMS) indicate any SSDS failure?	NO	
	z	1. Walk and inspect the entire exterior property.	Y	·
	ECTION	 Are there any significant cracks or deterioration of the paved areas? 	NO	
		Has there been any removal of any pavement?	V	
	La la	* Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?		· · · ·
	EXTERIOR INSP	* Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	NO	
•		Have any structures been constructed on the unpaved areas?	Y L	
	0	Are there any signs of intrusive activities?	Y	
			No !	
	z	Minur Cracks around the Building		·
	AKE	Curve crack by drain on the Red side		
	NS T	urve is sperating by loading dock fledside b	y Tenn's	Court
	D. ACTIONS TAKEN	sht ple by Main Entrunce is sinking in clo beho	' r lr · r	
	D. A	aver by the Hyper in it out it is	1	rading dock
	Γ	Inspector's Signature: Ene Jackson	loose	
- J	1-1.	your and the second sec	June J.L. J	1 picks
9	n I Mig	there's a lot of swafe grate around the build there's a lot of cracks in the Street	ing that	's sinking in

	Custodial Engineer Monthly or Severe Condition Insp Vapor Barrier and SSDS	pection Form	
-			•
	Inspector's Name: Eric Jackson		
	Inspection Date/Time: 8-16-16		
	Purpose: (circle one) Monthly Inspection Severe Condition Inspec	ntia-	
┝			
┝	1. Walk the entire basement floor	Yes / No* .	Notified Person / Date
NO		У	
ECT	Any visible cracks in the basement wall?	NO	· · ·
VAPOR BARRIER INSPECTION	Any other visible openings (unintended) in either the floor or walls?	NO	
RIER	Draw approximate location of floor cracks/openings on site map.	NO	
RBAF	Any construction activities in basement affecting basement floor/ walls?	NO	
APOF	** Notification of DSF is required if cracks are noted. Include the following information:	No	
Α. <	 Draw approximate location of floor and/or wall cracks/openings on site map. Note the length of the crack/opening. Note the width of the crack/opening. 		
	1. Inspect the SSDS Blower Enclosure.		
N	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	1 M	-
SSDS INSPECTION	 Is the rain cap missing on the Vent Stack? 	NO	
INSPI	* Is the SSDS blower unit functioning at a lower air flow than previously observed?	NO	*
sos	* Is the spare blower unit stored in the designated secure location in the school?	NO	
ы	 Can you rotate the blower wheel of the spare unit to verify it is properly lubricated? 		
	* Does the Building Management System (BMS) indicate any SSDS failure?	XV -	
	1. Walk and inspect the entire exterior property.	NU	
	Are there any significant cracks or deterioration of the paved areas?	7	
	Has there been any removal of any pavement?	NO	. <u> </u>
F	Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?		
·	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	10	
*	Have any structures been constructed on the unpaved areas?	×	
•	Are there any signs of intrusive activities?	Y	
1	linor cracks ground the Building	NO	
	Charle could be I the which the		
6	"orve is sperating by loading dock that	ide h	
4	St pule by Main Entrance is sinking the	c su he	Tryger con
Pai	is by the Bloe main to abditorium are		lowse.
	nspector's Signature: Curc lach		, indice ,

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	· · ·		
	Custodial Engineer Monthly or Severe Condition Insp	pection Form	·
	Vapor Barrier and SSDS		•
	Inspector's Name: Eric Jackson		
	Inspection Date/Time: 9-19-15	·	
-	Purpose: (circle one) Monthly inspection Severe Condition Inspec	ction	
	4 M H H	Yes / No* .	Notified Person / Date
:	1. Walk the entire basement floor	V	
	* 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?		
1	Draw approximate location of floor cracks/openings on site map.	NO	
ľ	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. 		
1	. Inspect the SSDS Blower Enclosure.		
F	Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	+ 7 $+$	
ŀ	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?	<u> </u>	
*	Does the Building Management System (BMS) indicate any SSDS failure?	<u> </u>	
1.	Walk and inspect the entire exterior property.	NO	
,	Are there any significant cracks or deterioration of the paved areas?	<u> </u>	
	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)?	10	· · ·
	Have any structures been constructed on the unpaved areas?	NO	
	Are there any signs of intrusive activities?	NO	
,		NO	
ju Ku Ku	the is speratory by bading dock / heds ht pole by Main Entrance is sinking in	also beha	mnis Court of the longty be loose

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	Custodial Engineer Monthly or Severe Condition Insp	ection Form	
	Vapor Barrier and SSDS		
	Inspector's Name: Eric SackSac Inspection Date/Time: 10-12-13	······································	
	Inspection Date/Time: 10-12-13		
	Purpose: (circle one) Monthly Inspection Severe Condition Inspec	tion	, ,
		Yes / No*	Notified Person / Date
z	1. Walk the entire basement floor	Y	
SCTIO	Any visible cracks in the basement floor?	NO	
INSPE	Any visible cracks in the basement wall?	10	·
2 E R I	 Any other visible openings (unintended) in either the floor or walls? 	NO	······
BARI	Draw approximate location of floor cracks/openings on site map.	NO	
VAPOR BARRIER INSPECTION	Any construction activities in basement affecting basement floor/ walls? Notification of DSE is required if produce any second	NO	
A. VA	 Notification of DSF is required if cracks are noted. Include the following information: Draw approximate location of floor and/or wall cracks/openings on site map. Note the length of the crack/opening. Note the width of the crack/opening. 		
	1. Inspect the SSDS Blower Enclosure.	+	
į	 Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack? 	1 10	
	 Is the rain cap missing on the Vent Stack? 	110	
	* 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?	NU -	
	Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	4	
ļ	Does the Building Management System (BMS) indicate any SSDS failure?	NO	
ŀ	 Walk and inspect the entire exterior property. 	V	
ŀ	Are there any significant cracks or deterioration of the paved areas?	NO	
ŀ	Has there been any removal of any pavement?	NO	
ŀ	Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	ND	
*	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?		
	tinov Cracks around the Building		·
	urve is sperating by loading dock / Redside	by Tennis	Court
ļ	shot of le has Fit in the	o hehind	the lough dock
	avers by the Blue young to auditorium are		Inc loughing - 1-
	nspector's Signature: Enc Jackyn	· // ·····	
¢	there's a lot of Suger grates cround H there's a lot of cracks in the strae,	he Build	cry that's scaleny

<u>(</u>. _ .

VL:

	Custodial Engineer Monthly or Severe Condition Insp Vapor Barrier and SSDS	ection Form	
Γ	Inspector's Name: Frice Jeckson	<u></u>	
	Inspector's Name: Eric TeckSon Inspection Date/Time: 11-11-15		
			· .
	Purpose: (circle one) Monthly Inspection Severe Condition Inspec	tion	
	1. Walk the entire basement floor	Yes / No*	Notified Person / Date
NO		Y	·
ECTI	Any visible cracks in the basement floor?	NO	
VAPOR BARRIER INSPECTION	Any visible cracks in the basement wall?	NO	· · · · · · · · · · · · · · · · · · ·
RIER	Any other visible openings (unintended) in either the floor or walls?	NO	
BAR	Draw approximate location of floor cracks/openings on site map.	10	
POR	Any construction activities in basement affecting basement floor/ walls? Any construction of DSE is required if each	iv.	
A. VA	 Notification of DSF is required if cracks are noted. Include the following information: Draw approximate location of floor and/or wall cracks/openings on site map. Note the length of the crack/opening. Note the width of the crack/opening. 		
	1. Inspect the SSDS Blower Enclosure.		
Z	 Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack? 	17-1	
	 Is the rain cap missing on the Vent Stack? 	NU	
INSPECTION	Is the SSDS blower unit functioning at a lower air flow than previously observed?	NO	¥.
soss	Is the spare blower unit stored in the designated secure location in the school?	NO	
d	Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	40	
*	Does the Building Management System (BMS) indicate any SSDS failure?	11	
1	. Walk and inspect the entire exterior property.		
	Are there any significant cracks or deterioration of the paved areas?		
	Has there been any removal of any pavement?	<u></u>	
*	Is there any soil washing or erosion (guillies, soil washed out onto the pavement)?	NO	
	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	$\frac{NO}{10}$	
*	Have any structures been constructed on the unpaved areas?	NO	
1	Are there any signs of intrusive activities?		
A	low Cracks around the Buildon	NU.	
C	MUT 10 Crack land in 11 10		
C	WINNE 1'S Speration by had in the line	idp	To a set o set
	sht pole by main Entrance is sinking	ide Ny A	behind the lord.
Pa	wer by the Blue Main to addition	are Upn	hehind the land
In	ispector's Signature: Enc unformed	7	
Th	alling in also a lot of cracks in the	the B	Uilding that
) (1	alking in also a lot of cracks in the	e Stre-	et.

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	Custodial Engineer Monthly or Severe Condition Inspection Form Vapor Barrier and SSDS						
	Inspector's Name: Eric JackSon						
	Inspector's Name: Eric JackSou Inspection Date/Time: 12-12-15						
	Purpose: (circle one) Monthly Inspection Severe Condition Inspe	ction					
		Yes / No*	Notified Person / Dat				
Z	1. Walk the entire basement floor	Y	· · · · · · · · · · · · · · · · · · ·				
BARRIER INSPECTION	Any visible cracks in the basement floor?	tot	······				
EPE (SPE	Any visible cracks in the basement wall?	1/0					
ERIN	* Any other visible openings (unintended) in either the floor or walls?	10	·				
ARRI	Draw approximate location of floor cracks/openings on site map.	NO	· · · · · · · · · · · · · · · · · · ·				
OR B.	Any construction activities in basement affecting basement floor/ walls?	No					
A. VAPOR 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. 	NO					
	1. Inspect the SSDS Blower Enclosure.						
Z	Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	14					
CTIC	Is the rain cap missing on the Vent Stack?	NO	·				
(SPE		NO	*				
SSDS INSPECTION	 Is the SSDS blower unit functioning at a lower air flow than previously observed? Is the space blower unit function in the space blower unit function in the space blower unit function. 	NO					
1 1	* Is the spare blower unit stored in the designated secure location in the school?	Y Y					
	Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	\vee					
╞╤┽	* Does the Building Management System (BMS) indicate any SSDS failure?	ND					
z	1. Walk and inspect the entire exterior property.	V/					
EXTERIOR INSPECTION	Are there any significant cracks or deterioration of the paved areas?	N/D					
NSP!	Has there been any removal of any pavement?	100					
IOR	Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	112					
TER	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	ND					
	Have any structures been constructed on the unpaved areas?	1/2					
•	Are there any signs of intrusive activities?	NO TO					
l	liver Gracks Grounds the Build	\mathcal{N}					
XEN (vive Crack by discounds the Building						
STA	Currie is can be her sice						
ACTIONS TAKEN	Islit all him to be and the side lennes court						
D YC	after by the blue line to can't and	also behn	a locky took				
	after by the bloc like to ackitorvin cre	very la	os-e				

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	Custodial Engineer Monthly or Severe Condition Insp Vapor Barrier and SSDS	ection Form	
-		<u></u>	•
	Inspector's Name: Erre Jackson		
	Inspection Date/Time: /- 9-/6		
	Purpose: (circle one) Monthly inspection Severe Condition Inspec	tion	•
		Yes / No*	Notified Person / Date
VAPOR BARRIER INSPECTION	1. Walk the entire basement floor	V	
	* Any visible cracks in the basement floor?	No	
(SPE)	* Any visible cracks in the basement wall?	1/2	· · · · · · · · · · · · · · · · · · ·
ERIN	* Any other visible openings (unintended) in either the floor or walls?	10	
ARRI	Draw approximate location of floor cracks/openings on site map.	NO	
OR B	 Any construction activities in basement affecting basement floor/ walls? 	-NO-	· · · · · · · · · · · · · · · · · · ·
A. VAP	 Notification of DSF is required if cracks are noted. Include the following information: Draw approximate location of floor and/or wall cracks/openings on site map. Note the length of the crack/opening. Note the width of the crack/opening. 		
	1. Inspect the SSDS Blower Enclosure.		
ŝ	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?		·
	* Is the rain cap missing on the Vent Stack?	INO	·
	* Is the SSDS blower unit functioning at a lower air flow than previously observed?	NO	*
2	* 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 I	
Ť	1. Walk and inspect the entire exterior property.	NO	
ŀ	Are there any significant cracks or deterioration of the paved areas?	7	
ŀ	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	
ŀ	Are there any signs of intrusive activities?	MAL	
Ĩ		NU	
	Purche Crack to dis Witchy	7	
	Porve is sperating by loading dock/	le Led side (Tenniks acoust?
ļ	laver by the Blue Main to Auditorvin	1 : GV = (10	hehind ladur
_	Inspector's Signature: This Jock	VS	- <u></u>
1	ere is a lot of stuger gates around f	Hae Bui	Idia that's

10 A

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	Custodial Engineer Monthly or Severe Condition Ins	pection Form					
	Vapor Barrier and SSDS						
	Inspector's Name: Eric Jackson						
	Inspection Date/Time: 2 - 8-16						
	Purpose: (circle one) Monthly Inspection Severe Condition Inspection						
7	1. Walk the entire basement floor		Notified Person / Date				
5	Any visible cracks in the basement floor?	NO					
110	Any visible cracks in the basement wall?	NO	· · · · · · · · · · · · · · · · · · ·				
	* Any other visible openings (unintended) in either the floor or walls?	DO					
VAPUK BARRIER INSPECTION	Draw approximate location of floor cracks/openings on site map.	VO					
	Any construction activities in basement affecting basement floor/ walls?	1.01	······································				
A. VA	 Notification of DSF is required if cracks are noted. Include the following information: Draw approximate location of floor and/or wall cracks/openings on site map. Note the length of the crack/opening. Note the width of the crack/opening. 						
	1. Inspect the SSDS Blower Enclosure.						
	Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	1/2					
ſ	Is the rain cap missing on the Vent Stack?	No					
	Is the SSDS blower unit functioning at a lower air flow than previously observed?	10	*				
ŀ	Is the spare blower unit stored in the designated secure location in the school?	NO					
ľ	Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?						
	Does the Building Management System (BMS) indicate any SSDS failure?	tot					
1.	Walk and inspect the entire exterior property.						
Ľ	Are there any significant cracks or detenoration of the paved areas?	112					
*	Has there been any removal of any pavement?	NO	· · · · · · · · · · · · · · · · · · ·				
*	Is there any soil washing or erosion (guilies, 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					
<u>k</u>	limor Cracks around the Building						
ل_	surve Crack by drain on hed side						
	cirve is specating by loading cock/Red give (Trans court.						
Li's	sht pole by Main Entrance is sinking in close behind landing deck						
<u>40</u>	aver by the plue Main to Auditorium are very loose						
/	ere's A lot of gweeper grates Ground	- the original sector	· · · · · · · · · · · · · · · · · · ·				
r!	ere's A lot of swegger grates around King in also A lot of Cracks in	TYPE 150	ilding that's				

	Custodial Engineer Monthly or Severe Condition In Vapor Barrier and SSDS	spection For	n					
	Inspector's Name:							
	Inspector's Name: Eric Jackson							
	Inspection Date/Time: 3-12-16							
	Purpose: (circle one) Monthly Inspection Severe Condition Insp	ection						
	1. Walk the entire basement floor	Yes / N	o* Notified Person / Date					
NO		Y						
BARRIER INSPECTION	Any visible cracks in the basement floor?	NO						
NSP	Any visible cracks in the basement wall?	NO						
ER	Any other visible openings (unintended) in either the floor or walls?	110						
ARR	 Draw approximate location of floor cracks/openings on site map. 	NO						
OK E	Any construction activities in basement affecting basement floor/ walls?	110						
VAPOK	 Notification of DSF is required if cracks are noted. Include the following information Draw approximate location of floor and floo	NU						
¥	 Draw approximate location of floor and/or wall cracks/openings on site map. Note the length of the crack/opening. Note the width of the crack/opening. 							
1	1. Inspect the SSDS Blower Enclosure.	+ 7-						
	Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	17						
	Is the rain cap missing on the Vent Stack?	10						
ŀ	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						
F	Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?							
•	Does the Building Management System (BMS) indicate any SSDS failure?	Y Y						
1.	Walk and inspect the entire exterior property.	NO						
ŀ	Are there any significant cracks or deterioration of the paved areas?	1/10-						
ŀ	Has there been any removal of any pavement?	NO						
	Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	NO						
ŀ	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	NO						
*	Have any structures been constructed on the unpaved areas?	ND						
•	Are there any signs of intrusive activities?	У	East Coest USA Fri 2-26-16					
-	and the day signs of intrusive activities?	NO	11 700 10					
М	"nor Cracks around the Building							
Ĺ	we Crack by drain on Red side							
Ú	WVE is specific by tarly I have							
ſ.	14 al 11 a the are the	side []	ennis Court) -					
lky	At pole of Main Entrance is sinking	in also	behind looding					
Ins	spector's Signature:	very 1	BOSE					
	reb & lot of swasen grates around the	Rest	an that's					
ηK	in the cloo of lot of cracks in the	street	ing mars					
ſ		e, Stre	et as the					

	Custodial Engineer Monthly or Severe Condition Ins Vapor Barrier and SSDS	pection Form	
	Inspector's Name: Eric Jackson		•
	Inspection Date/Time: $9-9-16$		
	Purpose: (circle one) Monthly Inspection Severe Condition Inspe	ction	•
		Yes / No*	Notified Person / Date
5	1. Walk the entire basement floor	V	
	Any visible cracks in the basement floor?	1/0	
	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.	110	
	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. 		
T	1. Inspect the SSDS Blower Enclosure.		
F	Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	1 Y	
ŀ	Is the rain cap missing on the Vent Stack?	NO	
ŀ	Is the SSDS blower unit functioning at a lower air flow than previously observed?		*
•	is the spare blower-unit stored in the designated secure location in the school?	$ \mathcal{D} $	
•	Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	+	
*	Does the Building Management System (BMS) indicate any SSDS failure?	NO	
1.	Walk and inspect the entire exterior property.		
-	Are there any significant cracks or deterioration of the paved areas?	7	
	Has there been any removal of any pavement?	110	
	Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	112	
	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	DO -	
	Have any structures been constructed on the unpaved areas?	10	
	Are there any signs of intrusive activities?	NO	
1	linor Cracks around the Building		· · · ·
l	once Crack by drain on Red side.		
Ļ	sive is sperating by loading dock/Red	side (Te	innis Court)
J	ht pole by Main Entrance is sinking in	also behind	1 loadin dock
	ver by the Blue Ucin, to Abditorian ar	e very li	vose
<u>n:</u>	spector's signature: E M re's A lot cit swafer states around it	7-0 11-0	
ľ	nking in also A lot of cracks in	The BUT,	loing that's

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	Custodial Engineer Monthly or Severe Condition Ins Vapor Barrier and SSDS	pection Form	
	Inspector's Name: Eric Sackson Inspection Date/Time: 5-21-16		
	Purpose: (circle one) Monthly Inspection Severe Condition Inspe	ation	
z	1. Walk the entire basement floor	Yes / No* .	Notified Person / Date
CTIO	Any visible cracks in the basement floor?		
SPE	Any visible cracks in the basement wall?		
VALOR BARKIEK INSPECTION	Any other visible openings (unintended) in either the floor or walls?	-NO-	
ANA I	Draw approximate location of floor cracks/openings on site map.	Wo	
3	Any construction activities in basement affecting basement floor/ walls?		
	 Notification of DSF is required if cracks are noted. Include the following information: Draw approximate location of floor and/or wall cracks/openings on site map. Note the length of the crack/opening. Note the width of the crack/opening. 	1/0	
1	1. Inspect the SSDS Blower Enclosure.		
ŀ	Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	+	
ŀ	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?	10	
ŀ	Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	Y	
ŀ	Does the Building Management System (BMS) indicate any SSDS failure?	X	
1.	Walk and inspect the entire exterior property.	NO	
ŀ	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 or the	NO	
	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	NO	
	Have any structures been constructed on the unpaved areas?	10	· · · · · · · · · · · · · · · · · · ·
T	Are there any signs of intrusive activities?	NO	
$\frac{M}{2}$	where Cracks around the Building		
لم د	Dive chack by drain on Rec Side		
1	sht pele by Main Entrance is sinkin a	side (7 4 also by	essing Court)
لم In:	ver by the Blue Main to Auditolouma are spector's signature	e very	loose
	res a lot of Swayer grates around my in also A lot of Crades in the	the kiri	dans Harth
1	my in also A lof of Cracks in the		day that's

	r				
		Custodial Engineer Monthly or Severe Condition Insp	ection Form		1.
		Vapor Barrier and SSDS			
		Inspector's Name: Erte Saclisa			
	1	Inspection Date/Time: 6-7-6			
		Purpage (direly)			
		Purpose: (circle one) Monthly Inspection Severe Condition Inspec	tion		
i			Yes / No*	Notified Person / Date	•
		1. Walk the entire basement floor	V		
	BARRIER INSPECTION	Any visible cracks in the basement floor?	Not		
	SPE	Any visible cracks in the basement wall?			
	NIN	Any other visible openings (unintended) in either the floor or walls?	No		
	ARRIE	Draw approximate location of floor cracks/openings on site map.	NO		
		Any construction activities in basement affecting basement floor/ walls?	No		
1	VAPOR	* Notification of DSF is required if cracks are noted include the full in the	NO		
	A.	 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. 			
F	1	. Inspect the SSDS Blower Enclosure.			
	z ŀ	Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	$ \mathcal{I} $		
	Ĕ ŀ	Is the rain cap missing on the Vent Stack?	No		
	SSUS INSPECTION	Is the SSDS blower unit functioning at a lower air flow than previously observed?	No	*	
	sn -	Is the spare blower unit stored in the designated secure location in the school?	NO		
}		Can you rotate the blowcountered of the	X		•
	- -	Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	4		
-		Does the Building Management System (BMS) indicate any SSDS failure?	NO		•
70	5	Walk and inspect the entire exterior property.	Y		
		Are there any significant cracks or deterioration of the paved areas?	NO		
dSN	 	Has there been any removal of any pavement?	NO		·
NOR 1	- [Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	NO		`
EXTERIOR INSPECTION		Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?			
ີ ມີ	•	Have any structures been constructed on the unpaved areas?	NO		
	1.	Are there any signs of intrusive activities?	NO		•
	H.	inor Cracks around the Builds	NO		
TAKEN		while chiefe I I would all and			
S TA	C	WIR is anon is I wan on her Sice			
ACTIONS	Ĩ	Drue is spearating by lading dock that	5º4 (-	ennos Court).	
AC	1	ver by the Block Mun to feditorion	n'also he	hund la a day dack	*

	Custodial Engineer Monthly or Severe Condition Insp Vapor Barrier and SSDS	ection Form		7	
	Inspector's Name: Erit SackSac Inspection Date/Time: 7- 9-1 6			F	
	Inspection Date/Time: 7 - 8-1 to				
	Purpose: (circle one) Monthly Inspection Severe Condition Inspec	tion		· ·	
Γ					
	1. Walk the entire basement floor	Yes/No*	Notified Person / Date	1	,
NO		V		1	
ECTI	Any visible cracks in the basement floor?	Not		4	
NSPI	Any visible cracks in the basement wall?				
ER	Any other visible openings (unintended) in either the floor or walls?	No			
RRI	• Draw approximate location of floor cracks/openings on site map.	NO			
R BA	Any construction activities in basement affecting basement floor/ walls?	1/0			
VAPOR BARRIER INSPECTION	"Notification of DSE is required if an all	NO			
A. V.	 Draw approximate location of floor and/anurally 	1. Verent			
4	 Note the length of the crack/opening. Note the width of the crack/opening. 				
-				1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
	1. Inspect the SSDS Blower Enclosure.				,
INSPECTION	Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	-7			
ECT	 Is the rain cap missing on the Vent Stack? 	No			
NSP	Is the SSDS blower unit functioning at a lower air flow than previously observed?	No			
sus	Is the soare blower with the soare blower wi	10			
γŀ	Is the spare blower unit stored in the designated secure location in the school?	- ALL			
n	Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?				
ľ	Does the Building Management System (BMS) indicate any SSDS failure?	70-		,	
1	. Walk and inspect the entire exterior property.	NO			
5 6	Are there any significant cracks or detenoration of the paved areas?	<u> </u>			
ŀ	Has there been any removal of any pavement?	NO			
+		1/2			
	Is there any soil washing or erosion (guilies, soil washed out onto the pavement)?	NO			
	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?				
1	Have any structures been constructed on the unpaved areas?	NO			
ŀ	Are there any signs of intrusive activities?	NO			•
İΓ.		NO			
M	Thor (racks around the Building				
K	Horve crack by drain on Red sike				•
Ľ	Urve is spearation he to find total				
1	iche hale hat and over the	54 (7	ennos Court).		r.
V		i also he	hundlader dal		
	and in the Dice Main to taket or down a	ive Very	loose	-	i e e
1	nspector's Signature: Lince La A	7-			

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÷		Custodial Engineer Monthly or Severe Condition Insp Vapor Barrier and SSDS	ection Form] .
	-				
		Inspector's Name: Eric SackSen			
		Inspection Date/Time: B-7-16			
		Purpose: (circle one) Monthly Inspection Severe Condition Inspec	tion	•	· ·
	-		Yes / No*	Notified Person / Date	•
	. 2	1. Walk the entire basement floor	V		
	VAPOR BARRIER INSPECTION	Any visible cracks in the basement floor?	NO		
	NSPE	Any visible cracks in the basement wall?			
	IER II	Any other visible openings (unintended) in either the floor or walls?	No		· ·
	BARR	Draw approximate location of floor cracks/openings on site map.	No		
	ORE	Any construction activities in basement affecting basement floor/ walls?	NO		
	A. VAF	 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. 	/00		
		1. Inspect the SSDS Blower Enclosure.			
	NO	* Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	<u> </u>		
	INSPECTION	 Is the rain cap missing on the Vent Stack? 	NO		· .
	INSP	Is the SSDS blower unit functioning at a lower air flow than previously observed?	NO	*	
	Sass I	Is the spare blower unit stored in the designated secure location in the school?	110		
	B. S.	Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	Y		
		Does the Building Management System (BMS) indicate any SSDS failure?	Ý		
		. Walk and inspect the entire exterior property.	NO		•
	NOL	Are there any significant cracks or deterioration of the paved areas?	7		
	EXTERIOR INSPECTION	Has there been any removal of any pavement?	NO		
	SINS -		No		
	RIOI	Is there any soil washing or erosion (guillies, soil washed out onto the pavement)?	NO		•
	EX -	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	NO		
	υ <u>-</u>	Have any structures been constructed on the unpaved areas?	NO		
=		Are there any signs of intrusive activities?	NO		• •
	$z \mu$	lunor Crack around the Building			
	A A R	urve Crack by drain on Ref Side			
			Side (Tan S & L UT	•
		ATT WUTE EN ELGINATION AND A COMPANY AND A	cles beh	Ceninis (asit).	
	s pa	ver in the plue Main to Autiturium are o		P. LOT ding dark	
		spector's Signature: me hut			
L	the	king in also alot of cracks in the	e Buildi	ns that's	

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			,	
	Custodial Engineer Monthly or Severe Condition Insp			
	Vapor Barrier and SSDS	ection Form		
	Inspector's Name: Errc Jackson Inspection Date/Time: 9-14-16			
	Inspection Date/Time: $G = 16$			
	Purpose (circle)			
	Purpose. (circle one) Monthly Inspection Severe Condition Inspec	tion		
		Yes / No*	Notified Person / Date	-
z	1. Walk the entire basement floor	Y		-1
NOTION INSPECTION	Any visible cracks in the basement floor?	NO		4
5	Any visible cracks in the basement wall?			4
	Any other visible openings (unintended) in either the floor or walls?	NO		4 .
	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 gracks are poted. Include the clin	NO		-
	 Draw approximate location of floor and/or wall cracks/openings on site map. Note the length of the crack/opening. Note the width of the crack/opening. 		•	
				• •
	1. Inspect the SSDS Blower Enclosure.			
	Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	NO	······································	
	Is the rain cap missing on the Vent Stack?	++		. ·
ſ	Is the SSDS blower unit functioning at a lower air flow than previously observed?	No	*	
ŀ	Is the spare blower unit stored in the designated secure location in the school?	NO		
ŀ	Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?		,	
•	Does the Building Management System (BMS) indicate any SSDS failure?	7		
1	. Walk and inspect the entire exterior property.	NO		
*	Are there any significant cracks or deterioration of the paved areas?	7		
•	Has there been any removal of any pavement?	NO		
•	Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	NO		
	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	NO		
r	Have any structures been constructed on the unpaved areas?	NO		•
	Are there any signs of intrusive activities?	NO		•
1	And diele diff signs of mitrusive activities?	(1)		
r r	ind Crack around building	the second second		
1	une crack by drain on her side			· .
f	write is prevets by 1 1. 1 Ida	side (-	Epper Court).	
f	ight pole by Main Entrance is sinking	- Cr		1^{\prime}
2	vers by the Blue Magn to Auditorium Bue	Name	a contraction of the	cad
Ir	nspector's Signature: Gran hart		00SP	
÷				

	Custodial Engineer Monthly or Severe Condition Insp	ection Form		7
-	Vapor Barrier and SSDS			
	Inspector's Name: EVIC Jacksch Inspection Date/Time: /U-8-16			-
	Inspection Date/Time: 10-8-16			
	Purpose: (circle one) Monthly inspection Severe Condition Income			
-	Purpose: (circle one) Monthly inspection Severe Condition Inspec	tion		
-	1. Walk the entire basement floor	Yes / No* .	Notified Person / Date	
		Ý		
BARRIER INSPECTION	Any visible cracks in the basement wall?	16		
INCD	Any other visible ending (No		
	Any other visible openings (unintended) in either the floor or walls?	1/0	4	
BAR	Draw approximate location of floor cracks/openings on site map.	No		,
VAPOR	Any construction activities in basement affecting basement floor/ walls?	1/2		
A. VI				
	1. Inspect the SSDS Blower Enclosure.	<u> </u>		
No	Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	4		
	Is the rain cap missing on the Vent Stack?	No		
NSPI	 Is the SSDS blower unit functioning at a lower air flow than previously observed? 	NO	*	
SSDS INSPECTION	Is the spare blower unit stored in the designated secure location in the school?	NO		
B. S	Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	Y		
	* Does the Building Management System (BMS) Indicate any SSDS failure?	4		
	 Walk and Inspect the entire exterior property. 	NO		
NOIT	 Are there any significant cracks or deterioration of the paved areas? 	-7		
SPEC	 Has there been any removal of any pavement? 	NO		2
R IN	Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	No		
EXTERIOR INSPECTION	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	NO		
1	Have any structures been constructed on the unpaved areas?	NO		
	Are there any signs of intrusive activities?	NO		· ·
		ND	· · · · · · · · · · · · · · · · · · ·	
L U	When Crack around Building			
ACTIONS TAKEN	ove crack by drain po hed side			
NOIL	where is sperating by loading dock/ Red	Side (7	EGNIZ COUNTY	
AC A	the pore of Main Entrance is Sinling in	do her	ind Locar De	k

	Custodial Engineer Monthly or Severe Condition Insp Vapor Barrier and SSDS	ection Form	
	Inspector's Name: EVIC Jackses Inspection Date/Time: //-10-10 Purpose: (circle one) Monthly Inspection Severe Condition Inspec	tion	
		Yes / No*	Notified Person / Date
z	1. Walk the entire basement floor	V	
BARRIER INSPECTION	Any visible cracks in the basement floor?	NO	
NSPE	Any visible cracks in the basement wall?	100	
IER I	Any other visible openings (unintended) in either the floor or walls?	1/0	+
IARR	Draw approximate location of floor cracks/openings on site map.	Alp	
VAPOR E	Any construction activities in basement affecting basement floor/ walls?	NO	
A. VAF	 Notification of DSF is required if cracks are noted. Include the following information: Draw approximate location of floor and/or wall cracks/openings on site map. Note the length of the crack/opening. Note the width of the crack/opening. 		
	1. Inspect the SSDS Blower Enclosure.		
NO	• Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	17.	
Ĕ	 Is the rain cap missing on the Vent Stack? 	No	
INSPECTION	Is the SSDS blower unit functioning at a lower air flow than previously observed?	NO	· · ·
I SOSS	Is the spare blower unit stored in the designated secure location in the school?	Wo	
ы К	Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	Y	
	Does the Building Management System (BMS) indicate any SSDS failure?	4	
		NO .	
5	. Walk and Inspect the entire exterior property.	V	
	Are there any significant cracks or deterioration of the paved areas?	10	
	Has there been any removal of any pavement?	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)?	1/0	
-	Have any structures been constructed on the unpaved areas?	NO	
<u> </u>	Are there any signs of intrusive activities?	1.1	
	une Cracks around Builtering once Cracking by drach an hed the prove is sperituring by Locary dack/ white pole by Main Entrance is sinking in wers by the Black Main to Auditorium an	hed Side ilso beh	Trumis Cart ind Loading Dark

	Custodial Engineer Monthly or Severe Condition Insp Vapor Barrier and SSDS	ection Form	· · ·				
		a an					
	Inspector's Name: Eric Jackson Inspection Date/Time: 12-4-16						
	Purpose: (circle one) Monthly Inspection Severe Condition Inspec	tion	•				
		Yes / No*	Notified Person / Date				
Z	1. Walk the entire basement floor	V					
· · · · · · · · · · · · · · · · · · ·	Any visible cracks in the basement floor?	1/2					
- LON	Any visible cracks in the basement wall?	No					
	Any other visible openings (unintended) in either the floor or walls?	1/0	+				
	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. 						
1	Inspect the SSDS Blower Enclosure.						
ŀ	Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	7					
•	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					
ŀ	Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?						
ľ	Does the Building Management System (BMS) indicate any SSDS failure?	10					
1.	Walk and inspect the entire exterior property.						
•	Are there any significant cracks or deterioration of the paved areas?	70-					
*	Has there been any removal of any pavement?	1102					
*	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)?	10					
*	Have any structures been constructed on the unpaved areas?	$\frac{1}{1}$					
• +	Are there any signs of intrusive activities?	NO I					
<u>u</u>	mor Cracks around Building	NU					
	uner cracking by drain on Bed side une is sperating by louding could bed side (Temmis Court). isht pole by Main Entrance is sinking in also behind Loading Dock aver by the Blue Main to the Auditorium are very loose ispector's Signature: Euro and						

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_	Custodial Engineer Monthly of the			
	Custodial Engineer Monthly or Severe Condition Ins Vapor Barrier and SSDS	pection Form		· ·
	Inspector's Name: Eric Jackson			
	Inspection Date/Time: 1 - 8-17			· ·
	Purpose: (circle one) Monthly Inspection Severe Condition Inspe	ection		
	1. Walk the entire basement floor	Yes / No*	Notified Person / Date	• .
NO		Y I		
ECT	Any visible cracks in the basement wall?	NO		, I
VAPOR BARRIER INSPECTION	Any other vicible costing (10		
RIER	Any other visible openings (unintended) in either the floor or walls?	1D		
BAR	Draw approximate location of floor cracks/openings on site map.	NO		•
POR	Any construction activities in basement affecting basement floor/ walls?	10		
A. V.	 Notification of DSF is required if cracks are noted. Include the following information: Draw approximate location of floor and/or wall cracks/openings on site map. Note the length of the crack/opening. Note the width of the crack/opening. 			
	1. Inspect the SSDS Blower Enclosure.			
NO	Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?			•
SDS INSPECTION	 Is the rain cap missing on the Vent Stack? 	No		
INSP	' Is the SSDS blower unit functioning at a lower air flow than previously observed?	NO	+	
sos	 Is the spare blower unit stored in the designated secure location in the school? 	NO		
ы Б	 Can you rotate the blower wheel of the spare unit to verify it is properly lubricated? 	Y		
	Does the Building Management System (BMS) indicate any SSDS failure?	4		
	1. Walk and inspect the entire exterior property.	ND		
NOL	Are there any significant cracks or deterioration of the paved areas?	Y		
EXTERIOR INSPECTION	Has there been any removal of any pavement?	NO	,	
RINS	Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	NO		
- ERIO	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	NO		
- EX	Have any structures been constructed on the unpaved areas?	NO		
0.	Are there any signs of intrusive activities?	NO		· .
	1	NO	•	
N N	uppor tracks around the Building	-		
TAKEN	une cracking by drain on hed side			
ACTIONS	rue is sperating by law work thed side	2 (Tennis	(avrf)	
ACI	ight fole by Main Entrance is sinking in	also behi	nd Loading Dock	
	ver by the Bare Main to the toditorium an	e very lo	ose	
	ve's a lot of sweger srates, around the king in also a lot of cracks in the	•		

		L		
	· · · · · · · · · · · · · · · · · · ·			
Г	Custodial Engineer Monthly or Severe Condition Insp			-
	Vapor Barrier and SSDS	bection Form	· .	
	Inspector's Name: Eric Jackson			-
	Inspection Date/Time: 2-5-17			
	Purpose: (circle one) Monthly Inspection Severe Condition Inspe	ction	•	•
		Yes / No*		
	1. Walk the entire basement floor	ies/No"	Notified Person / Date	-
VAPOR BARRIER INSPECTION	Any visible cracks in the basement floor?	- Y		
SPEC	Any visible cracks in the basement wall?	10		
R IN	Any other visible openings (unintended) in either the floor or walls?	NO		
ARRIE	Draw approximate location of floor cracks/openings on site map.	NO		
DR B/	Any construction activities in basement affecting basement floor/ walls?	NO		. -
VAPC	** Notification of DSF is required if cracks are noted. Include the following information:	NO	· · · · · · · · · · · · · · · · · · ·	
×	 Draw approximate location of floor and/or wall cracks/openings on site map. Note the length of the crack/opening. Note the width of the crack/opening. 			
	1. Inspect the SSDS Blower Enclosure.	Y		
SDS INSPECTION	• Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	10	· · · · · · · · · · · · · · · · · · ·	
SPEC	 Is the rain cap missing on the Vent Stack? 	NO		
NI S	* Is the SSDS blower unit functioning at a lower air flow than previously observed?	10	÷	
S	 Is the spare blower unit stored in the designated secure location in the school? 	- A/O		
ഫ്	Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	Ý		
	 Does the Building Management System (BMS) indicate any SSDS failure? 	10		· ·
z	1. Walk and inspect the entire exterior property.	V		
EXTERIOR INSPECTION	Are there any significant cracks or deterioration of the paved areas?	tot		
INSP	Has there been any removal of any pavement?	NO		
RIOR	Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	NO		•
XTE	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	NO		
U -	Have any structures been constructed on the unpaved areas?	NO	· · · · · · · · · · · · · · · · · · ·	
	Are there any signs of intrusive activities?	NO		• •
zH	Menur Cracks around the building			
TAKEN	urve Cracking by drain on kee Side	,		1. J. C. S.
LSNO	erve is sperating by loading deck / had sic	1 / 2	vis Court	
ACTIONS	right Vole by Muin Entrance is subking in		hind Logding Dak	
	Ever by the Blue Main to the Auditorium	are Vi	ery loose	
L-	Inspector's Signature:			
	eves a lot of sweger grates arounds the	Building	y that's	
) A AN		pre-ect	US Enit L and	
)Fron	in 11 00 10/10 - 10 viu cont dog of the a		15	

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	Custodial Engineer Monthly or Severe Condition Insp	ection Form		7
+	Vapor Barrier and SSDS			
	Inspector's Name: Eric Jackesch			
	Inspector's Name: Eric Jac/esch Inspection Date/Time: 3-5-17			
	Purpose: (circle one) Monthly inspection Severe Condition Inspec			
-		,uon		
\vdash	1. Walk the entire basement floor	Yes / No* .	Notified Person / Date	
NO		Y I		1
VAPOR BARRIER INSPECTION	Any visible cracks in the basement wall?	1/0	:	
INSP	Any other visible coasies (NO		
RIER	Any other visible openings (unintended) in either the floor or walls?	NO		
BAR	Draw approximate location of floor cracks/openings on site map.	NO		
POR	Any construction activities in basement affecting basement floor/ walls?	10		
A. VA	- Draw approximate location of floor and/or wall or polya and a second			
	 Note the length of the crack/opening. Note the width of the crack/opening. 			
	1. Inspect the SSDS Blower Enclosure.	<u></u>		
z	Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	L.Y.L		L • .
CTIC	Is the rain cap missing on the Vent Stack?	NO		
SDS INSPECTION		NO		
II SO	 Is the SSDS blower unit functioning at a lower air flow than previously observed? Is the spare blower unit stored in the data stored in the data stored. 	NO		
B. SS	 Is the spare blower unit stored in the designated secure location in the school? Can you rotate the blower units of the 	Y		
	Can you rotate the blower wheel of the spare unit to verify it is properly lubricated? Does the Building Maggagement 0	Y		
. 1	Does the Building Management System (BMS) indicate any SSDS failure?	NO		•
NO	1. Walk and inspect the entire exterior property.	V		
	Are there any significant cracks or deterioration of the paved areas?	110		
INSP .	Has there been any removal of any pavement?	110		
RIOR	Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	110		•
EXTERIOR INSPECT	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	NO		
0	Have any structures been constructed on the unpaved areas?	110		
	Are there any signs of intrusive activities?	NO	· · · ·	· •
z	Nimor Cracks coound the building	<u> </u>		
	wwe cracking by drain on Red Side			
	over is perating by loading doct thed	S.J. FT		•
ACTIONS	ight ble by Main Entrance is sublim	Suit (M	help in local	k
	aver by the Blue Upin to the Auditorium		7	JCK
	Inspector's Signature: En luh	GARC D	evy lase	
'nε	ing in she a lot of guige grates arounds .	the BUIT	diry that's	
ink	ing in also a lot of cracks in the 1 12-23-16, 12-30-16 Pro Con dup up the cc	e stree	ols Ext Can	1

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Custodial Engineer Monthly or Severe Condition Inspection Form Vapor Barrier and SSDS Inspector's Name: Erre Jackse Inspection Date/Time: 4- 30-17 Purpose: (circle one) Monthly Inspection Severe Condition Inspection Yes / No* Notified Person / Date 1. Walk the entire basement floor VAPOR BARRIER INSPECTION Any visible cracks in the basement floor? Any visible cracks in the basement wall? Any other visible openings (unintended) in either the floor or walls? (C)Draw approximate location of floor cracks/openings on site map. 10 Any construction activities in basement affecting basement floor/ walls? 10 Notification of DSF is required if cracks are noted. Include the following information: - Draw approximate location of floor and/or wall cracks/openings on site map. ÷ - Note the length of the crack/opening. Note the width of the crack/opening. 1. Inspect the SSDS Blower Enclosure. Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack? INSPECTION NΟ Is the rain cap missing on the Vent Stack? ']0 Is the SSDS blower unit functioning at a lower air flow than previously observed? NÛ SOSS Is the spare blower unit stored in the designated secure location in the school? Can you rotate the blower wheel of the spare unit to verify it is properly lubricated? m Does the Building Management System (BMS) indicate any SSDS failure? ŇŨ 1. Walk and inspect the entire exterior property. EXTERIOR INSPECTION Are there any significant cracks or deterioration of the paved areas?]0 Has there been any removal of any pavement? 10 Is there any soil washing or erosion (gullies, soil washed out onto the pavement)? N () Has there been any vehicular use on the unpaved areas (tire tracks, rutting)? 110 Have any structures been constructed on the unpaved areas? v Are there any signs of intrusive activities? ACTIONS TAKEN Sich HSO 400 Devy 1005-0 Inspector's Signature: around Buildry 2 lot errs The thit's Concrect Obs East of 12-22-16 Storage Acur Obes 1-0 ince the

ат. Т	Custodial Engineer Monthly or Severe Condition Inspe Vapor Barrier and SSDS	ection Form	
	Inspector's Name: Eric Jackscy		
	Inspection Date/Time: 5 -6-17		
	Purpose: (circle one) Monthly Inspection Severe Condition Inspect	tion	
		Yes / No* Notified Person	
	1. Walk the entire basement floor	V	
	 Any visible cracks in the basement floor? Any visible cracks in the basement wall? Any other visible openings (unintended) in either the floor or walls? Draw approximate location of floor cracks/openings on site map. Any construction activities in basement affecting basement floor/ walls? Notification of DSF is required if cracks are noted. Include the following information: 		
	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 floor and floor.	NO	
	 Draw approximate location of floor and/or wall cracks/openings on site map. Note the length of the crack/opening. Note the width of the crack/opening. 		
~ · [1. Inspect the SSDS Blower Enclosure.		
	Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	7	
	 Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack? Is the rain cap missing on the Vent Stack? Is the SSDS blower unit functioning at a lower air flow than previously observed? 	NO	
	 Is the SSDS blower unit functioning at a lower air flow than previously observed? 	NO	
	a bioticulary observed?	NO	
1		Y	
	unit to verify it is properly lubricated?	Ý	
-	Does the Building Management System (BMS) indicate any SSDS failure?	1/0	
Z	1. Walk and inspect the entire exterior property.	Y	
EXTERIOR INSPECTION	Are there any significant cracks or detenoration of the paved areas?	1/10	
NSP	Has there been any removal of any pavement?	<u>NU</u>	
IOR	 Is there any soil washing or erosion (gullies, soil washed out onto the pavement)? 	NO	
(TER	 Has there been any vehicular use on the unpaved areas (tire tracks, rutting)? 	NO	
ධ ට	 Have any structures been constructed on the unpaved areas? 	NO	
.	Are there any signs of intrusive activities?	NO	
	Minor Cracks accurat the Bault	VO	
TAKEN	PINNE Roy Los Int ME DOMains		
	Corve Cracking by drain on the Ro	duido	
ACTIONS	light file by the by load the dock the	side by Tronis Co	certa)
D. AC	Rue h II Al	b. Also behind loady	
	Inspector's Signature:	very loose	
ist.	Mere's, a lot of support protection		「「「「「「」」」」」」」」」」」」」」」」」」」」」」」」」」」」」」」」
Also	Mere's a lot of sweger grates ground the a lot of cracks in the street roun 12-22-16-1230-16 foo Con dus on the G I since then it's have been leaking in th	Building that's Sir	Kiny M
2) Fr	roun 1222.16-1230-16 Pro Con dus on the 6	concrect ols Exi	14
Gni	I since then it that been leaking in the	e MEIS stopage.	Ka 0067
			8-10 AL

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ſ	Custodial Engineer Monthly or Severe Condition Insp	ection Form		<u>.</u>	1997 (1 997 (1997	anda (B) an angina an angina an
F	Vapor Barrier and SSDS					
	Inspector's Name: Eric Jackson				4	
	Inspection Date/Time: 6 - 4 - 17			·		
	Purpose' (circle coc)					
-	Purpose: (circle one) Monthly Inspection Severe Condition Inspec	tion				
-	1. Walk the entire basement floor	Yes / No* .	Notified Person /	Date	. '	
		Y				
	Any visible cracks in the basement floor?	NO	······			
BADDIED INCORCONO.	Any visible cracks in the basement wall?	NO				
	Any other visible openings (unintended) in either the floor or walls?	1/0	4			
		NO				
VAPOR	Any construction activities in basement affecting basement floor/ walls? Notification of DSE is required if each	NO				
A	- Uraw approximate location of a					
	1. Inspect the SSDS Blower Enclosure.	+				東京の
Z	Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	4				
SDS INSPECTION	Is the rain cap missing on the Vent Stack?	NO				er o directo de la casa de
INSPI	 Is the SSDS blower unit functioning at a lower air flow than previously observed? 	NO				
SOS	Is the spare blower unit stored in the designated secure location in the school?	Na	-	\neg		
B. S	Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	Y			· . :	
	Does the Building Management System (BMS) indicate any SSDS failure?					
	 Walk and inspect the entire exterior property. 	10			•	
EXTERIOR INSPECTION	 Are there any significant cracks or deterioration of the paved areas? 	Y	•			
ISPE(Has there been any removal of any pavement? 	NO				
OR IN	Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	No			•	1.1
TERI	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	10			e	
	Have any structures been constructed on the unpaved areas?	NO				
U .	Are there any signs of intrusive activities?	NO				
		10				a a chuir ann an thairte an thairte an thairte
TAKEN	Vinor Cracks around the Building					
IS TA	urve is speration by the baden don't the	Side	· · · · · · · · · · · · · · · · · · ·			
ACTIONS	icht Dale la My Me lacin dock / Kic	side by	(Tean's Co	ur)		an a
D. AO	aver by the Blue Main Entrance is sinking in	n Also be	hind logdin	f Abc	K	
	aver by the Bloe Main to the fiditaria	in are	Verk loose			
	There's a lot of swester grates around , a lot of Cracks in the steel From 12-27-16 - 12-30-16 Pro Con dug up d since then it has been leaking in 1	the Relita	in thet of			
Also	a lot of Cracks in the steeret		· · · · · · · · · · · · · · · · · · ·	nging	In	

			$\mathcal{T}_{i} = \mathcal{T}_{i} = \int_{-\infty}^{\infty} dx^{2} dx$	inγa ti titi	
					のないのでは、
-					
	Custodial Engineer Monthly or Severe Condition Insp	pection Form			
-	Vapor Barrier and SSDS		•		
	inspector's Name: Eric Jackson				
	Inspection Date/Time: 7-8-17				
	Purpose (circle opp) Harthy				
	Severe Condition Inspection Severe Condition Inspection	otion	,		
-	1. Walk the entire basement floor	Yes / No* .	Notified Person	/Date	
· NO		4			
VAPOR BARRIER INSPECTION	Any visible cracks in the basement wall?	1/00			
INSF	Any other visible openings (units to the second secon	No			
RIEF	 Any other visible openings (unintended) in either the floor or walls? Draw approximate location of floor cracks/openings on site map. 	NO	4		
2 BAF	Any construction activities in basement affecting basement floor/ walls?	NO			
APOI	 Notification of DSF is required if cracks are noted. Include the following information: Draw approximate location of these and (see 1) 	112			
A. I	 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. 				a Saday Arres
	1. Inspect the SSDS Blower Enclosure.			- 「「「」」、「」」、「」、「」、「」、「」、「」、「」、「」、「」、「」、「」、	
NO	• Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	-Y			
SDS INSPECTION	 Is the rain cap missing on the Vent Stack? 	10			
INSP	 Is the SSDS blower unit functioning at a lower air flow than previously observed? 	No		 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	
SSDS	 Is the spare blower unit stored in the designated secure location in the school? 	NO		「「「「「」」の「「」」の「「」」の「「」」の「「」」の「「」」の「「」」の	対応法
ы, ш	Can you rotate the blower wheel of the spare unit to verify it is properly lubricated?	DO			
	Does the Building Management System (BMS) indicate any SSDS failure?	De			
z	1. Walk and inspect the entire exterior property.	NO			
EXTERIOR INSPECTION	Are there any significant cracks or deterioration of the paved areas?	7			
NSPE	Has there been any removal of any pavement?	NO	- · ·		
IOR I	Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	NO			
XTER	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	NO			
Ш. С	Have any structures been constructed on the unpaved areas?	10			
	Are there any signs of intrusive activities?	NO			la control La control
	liver Cracks around the Building	NU			
ACTIONS TAKEN	Drof Crecking by Ling In A				and the factor
SNO	while is showing the life in the	ad side	TE	7 0	
Ă P	sht pole by Main Entrance is sinkinin A	so hehm	by (Tennis	7 -1	
	yers by the Blue Main to the Auditor	vin an	the load of		بالجائجة والم
1)-	nspector's Signature:			20	
Also	cilot of cracks in the storet	d the Bu	11 day that	to sinking on	
8/F/	on 12-22-11- 12-30-18 Pro can day up the since then it has been leaking in the	t Concre	er VIS Fi	oor L	
and	Since then it has been leaking in the	MELS	storger he	om 0067	

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		· · ·		
	Custodial Engineer Monthly or Severe Condition Ins Vapor Barrier and SSDS	pection Form		
	Inspector's Name: Eric Jatkscn			
,	Inspection Date/Time: 8.5.17			
	Purpose: (circle one) Monthly Inspection Severe Condition Inspe	action	· .	
		Yes / No*		
	1. Walk the entire basement floor	1/	Notified Person / Date	
	Any visible cracks in the basement floor? Any visible cracks in the basement wall? Any other visible openings (unintended) in either the floor or walls? Draw approximate location of floor cracks/openings on site map.			
	Any visible cracks in the basement wall?	No		
	Any other visible openings (unintended) in either the floor or walls?	NO		1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.
	Draw approximate location of floor cracks/openings on site map.	NO	-	
	Any construction activities in basement affecting basement floor/ walls?	NO		
	Vitilication of DSF is required if cracks are not in the	NO		
	 Draw approximate location of floor and/or wall cracks/openings on site map. Note the length of the crack/opening. Note the width of the crack/opening. 			
- · [1. Inspect the SSDS Blower Enclosure.			
-	Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack?	<u> </u>		
	Is the rain cap missing on the Vent Stack?	NO		
id SN	Is the SSDS blower unit functioning at a large state of the second state of the s	10		
SSDS	a set a terrer dir now trian previously observed?	10	*	
SS 8		1.V		
	source wheel of the spare unit to verify it is properly lubricated?	17V -		
	Does the Building Management System (BMS) indicate any SSDS failure?	NO		
N	1. Walk and inspect the entire exterior property.			
EXTERIOR INSPECTION	Are there any significant cracks or deterioration of the paved areas?	11-		
INSP	Has there been any removal of any pavement?	10		
NOR	 Is there any soil washing or erosion (gullies, soil washed out onto the pavement)? 	No		
XTEF.	Has there been any vehicular use on the unpaved areas (tire tracks, rutting)?	NO		
Ш С	 Have any structures been constructed on the unpaved areas? 	NO		
	Are there any signs of intrusive activities?	NO		
	Minor Cracks around 11. Rul	NO		
TAKEN	When Creaked had been pording			
IS TA	Dove cracking by drain on the ker	side		
D. ACTIONS	orde is sperating by the loading dack/R	rd side b	Y (Tennis Car	<i>(</i>)
D. AC	and the manutentrence is sink	the in Alson		dy bel
	Inspector's Signature: Gre and	Very loos	the second se	
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Als	o c lat ut cracke i stand	• ·	Burden that	's Sinkly 16
2) Fi	ion 12.22-17 +1-30-16 Pro Con dus up isince then it's has been leaking in t	the conc	wect ols Er	cof 4
and	"Since then it's has been leaking in t	m MEL	Starage Hec	xh 0065

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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 1. Walk the entire basement floor VAPOR BARRIER INSPECTION Any visible cracks in the basement floor? \mathcal{N} Any visible cracks in the basement wall? Any other visible openings (unintended) in either the floor or walls? () . Draw approximate location of floor cracks/openings on site map. 110 Any construction activities in basement affecting basement floor/ walls? NO 4/cNotification 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. à - Note the length of the crack/opening. Note the width of the crack/opening. 1. Inspect the SSDS Blower Enclosure. Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack? SSDS INSPECTION λo Is the rain cap missing on the Vent Stack? ŇŎ Is the SSDS blower unit functioning at a lower air flow than previously observed? Ю Is the spare blower unit stored in the designated secure location in the school? Can you rotate the blower wheel of the spare unit to verify it is properly lubricated? m Does the Building Management System (BMS) indicate any SSDS failure? 110' 1. Walk and inspect the entire exterior property. INSPECTION ١ Are there any significant cracks or deterioration of the paved areas? ŇÔ Has there been any removal of any pavement? Vo Is there any soil washing or erosion (gullies, soil washed out onto the pavement)? EXTERIOR 1)O Has there been any vehicular use on the unpaved areas (tire tracks, rutting)? 1D Have any structures been constructed on the unpaved areas? \vec{O} NO Are there any signs of intrusive activities? NО around the. ACTIONS TAKEN the Side m/ hr (Temis Court Main Entrance -13-Souland the Blue Main to Ard itorium 085 Inspector's Signature: 1) Thores a lot of sweler Grates abound the Building that sinking in Also a lot of Cracks in the Street dog of the concrect cits East 4 2) from 12-9216 / 12-30-16 Pro Can dog of the concrect cits East 4 and since then it's has been leaking in the MEL's storage hoom hoom 0065

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* Notifled Person / Date Walk the entire basement floor VAPOR BARRIER INSPECTION Any visible cracks in the basement floor? Ň Any visible cracks in the basement wall? Any other visible openings (unintended) in either the floor or walls? Draw approximate location of floor cracks/openings on site map. NÖ Any construction activities in basement affecting basement floor/ walls? 1/0 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. Ř - Note the length of the crack/opening. Note the width of the crack/opening. 1. Inspect the SSDS Blower Enclosure. Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack? SSDS INSPECTION ()0 Is the rain cap missing on the Vent Stack? NO Is the SSDS blower unit functioning at a lower air flow than previously observed? 10 Is the spare blower unit stored in the designated secure location in the school? Can you rotate the blower wheel of the spare unit to verify it is properly lubricated? ш. Does the Building Management System (BMS) indicate any SSDS failure? 110 1. Walk and inspect the entire exterior property. EXTERIOR INSPECTION Are there any significant cracks or deterioration of the paved areas? ŇŐ Has there been any removal of any pavement? Is there any soil washing or erosion (gullies, soil washed out onto the pavement)? 10 X)0 Has there been any vehicular use on the unpaved areas (tire tracks, rutting)? 10 Have any structures been constructed on the unpaved areas? ΰ A/O Are there any signs of intrusive activities? NО Ground ACTIONS TAKEN Temis Court ntranc ġ diforium to GI 085 Inspector's Signature of sweler Grates abound the Building that sinking in vals in the Street dug up the concrect als East 4, 12-30-16 Pro Cen dug up the Concrect als East 4, 14's thas been leaking in the MEL's stangs have have 00 69. a lot MS Ut 2) from 12-12-16/ and since then

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Custodial Engineer Monthly or Severe Condition Inspection Form Vapor Barrier and SSDS Inspector's Name: Eric Jacksey Inspection Date/Time: (1 - 1/- (7 Purpose: (circle one) Monthly Inspection Severe Condition Inspection Yes / No' Notified Person / Date 1. Walk the entire basement floor BARRIER INSPECTION Any visible cracks in the basement floor? \mathcal{N} Any visible cracks in the basement wall? Any other visible openings (unintended) in either the floor or walls? Draw approximate location of floor cracks/openings on site map. NO Any construction activities in basement affecting basement floor/ walls? VAPOR Notification of DSF is required if cracks are noted. Include the following information: - Draw approximate location of floor and/or wall cracks/openings on site map. Ř - Note the length of the crack/opening. Note the width of the crack/opening. 1. Inspect the SSDS Blower Enclosure. Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack? SSDS INSPECTION k iv Is the rain cap missing on the Vent Stack? NO Is the SSDS blower unit functioning at a lower air flow than previously observed? 10 Is the spare blower unit stored in the designated secure location in the school? Can you rotate the blower wheel of the spare unit to verify it is properly lubricated? ш Does the Building Management System (BMS) indicate any SSDS failure? 10 1. Walk and inspect the entire exterior property. EXTERIOR INSPECTION Are there any significant cracks or deterioration of the paved areas? Ň Has there been any removal of any pavement? Vo 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)? XX Have any structures been constructed on the unpaved areas? Ů 110 Are there any signs of intrusive activities? No Ground Builder ACTIONS TAKEN K-ed Temis Court Sculeing informate very 13/4/m Ċ. Gin to ortum 10850 Inspector's Signature: 1) Thore's a lot of sweler Grates abound the Building that sinking in Also a lot of cracks in the Street dog of the concrect of Exit 4 2) from 12-9216 / 12-30-16 Pro Cent dog of the concrect of Exit 4 and since than it's has been leaking in the MEL's storings hoom have 006.5

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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 1. Walk the entire basement floor BARRIER INSPECTION Any visible cracks in the basement floor? Any visible cracks in the basement wall? 0 Any other visible openings (unintended) in either the floor or walls? Draw approximate location of floor cracks/openings on site map. Ю Any construction activities in basement affecting basement floor/ walls? VAPOR Notification of DSF is required if cracks are noted. Include the following information: - Draw approximate location of floor and/or wall cracks/openings on site map. - Note the length of the crack/opening. Note the width of the crack/opening. 1. Inspect the SSDS Blower Enclosure. Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack? SSDS INSPECTION {/0 Is the rain cap missing on the Vent Stack? NÛ Is the SSDS blower unit functioning at a lower air flow than previously observed? Is the spare blower unit stored in the designated secure location in the school? Can you rotate the blower wheel of the spare unit to verify it is properly lubricated? ഫ് Does the Building Management System (BMS) indicate any SSDS failure? 110 1. Walk and inspect the entire exterior property. INSPECTION Are there any significant cracks or deterioration of the payed areas? NO Has there been any removal of any pavement? 10 Is there any soil washing or erosion (gullies, soil washed out onto the pavement)? EXTERIOR 1)0 Has there been any vehicular use on the unpaved areas (tire tracks, rutting)? XX Have any structures been constructed on the unpaved areas? ö 110 Are there any signs of intrusive activities? X) D Minin Ks around the Builder ACTIONS TAKEN 1 drach the Ked hr (Temis Court l ar Main Entranc Sinking is iŚ the Blue Marm luvers to A itorium GVP 0850 Inspector's Signature; 1) Thore's a lot of sweler Grates abound the Building that sinkin in Also a lot of cracks in the Street dus of the concrect als Exit 4 2) from 12-9216 / 12-30-16 Pro Cent dus of the concrect als Exit 4 and since then it's has been leaking in the MEL's storages have have 0069

Custodial Engineer Monthly or Severe Condition Inspection Form Vapor Barrier and SSDS Inspector's Name: Eric Jacksen Inspection Date/Time: 1-1-1-8 Purpose: (circle one) Monthly Inspection Severe Condition Inspection Yes / No* Notified Person / Date 1. Walk the entire basement floor VAPOR BARRIER INSPECTION Any visible cracks in the basement floor? Λ Any visible cracks in the basement wall? Any other visible openings (unintended) in either the floor or walls? Draw approximate location of floor cracks/openings on site map. NO Any construction activities in basement affecting basement floor/ walls? ΛΙΟ Notification of DSF is required if cracks are noted. Include the following information: - Draw approximate location of floor and/or wall cracks/openings on site map. ¥ - Note the length of the crack/opening. Note the width of the crack/opening. 1. Inspect the SSDS Blower Enclosure. Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack? SSDS INSPECTION Kυ Is the rain cap missing on the Vent Stack? NO Is the SSDS blower unit functioning at a lower air flow than previously observed? Ð Is the spare blower-unit stored in the designated secure location in the school? Can you rotate the blower wheel of the spare unit to verify it is properly lubricated? ä Does the Building Management System (BMS) indicate any SSDS failure? 110 1. Walk and inspect the entire exterior property, EXTERIOR INSPECTION Are there any significant cracks or deterioration of the paved areas? NO Has there been any removal of any pavement? Vo Is there any soil washing or erosion (gullies, soil washed out onto the pavement)? JÜ Has there been any vehicular use on the unpaved areas (tire tracks, rutting)? 10 Have any structures been constructed on the unpaved areas? v N0 Are there any signs of intrusive activities? No around ACTIONS TAKEN e hr (Temis Court Entranc Ś the BL VE Main to Auditorium are iren 0851 Inspector's Signature: 1) Thore's a lot of sweler Grates abound the Building that surking in Also a lot of cracks in the Street dog of the concrect of East 4. 2) from 12-9716 / 12-30-16 Pro Can dog of the concrect of East 4. and since then it's has been leaking in the MEL's storings hoom hoom 00.65

Custodial Engineer Monthly or Severe Condition Inspection Form Vapor Barrier and SSDS Inspector's Name: Eric Jacksen Inspection Date/Time: 2-(1-(3 Purpose: (circle one) Monthly Inspection Severe Condition Inspection Yes / No* Notified Person / Date 1. Walk the entire basement floor VAPOR BARRIER INSPECTION Any visible cracks in the basement floor? Any visible cracks in the basement wall? Any other visible openings (unintended) in either the floor or walls? Draw approximate location of floor cracks/openings on site map. VO Any construction activities in basement affecting basement floor/ walls? 1/0 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. Ř - Note the length of the crack/opening. Note the width of the crack/opening. Inspect the SSDS Blower Enclosure. Any rust or other debris (bird nest, etc.) in or on SSDS Vent Stack? SSDS INSPECTION Kυ Is the rain cap missing on the Vent Stack? ŇŌ Is the SSDS blower unit functioning at a lower air flow than previously observed? 1)0 Is the spare blower unit stored in the designated secure location in the school? Can you rotate the blower wheel of the spare unit to verify it is properly lubricated? ய் Does the Building Management System (BMS) indicate any SSDS failure? 10 1. Walk and inspect the entire exterior property. EXTERIOR INSPECTION Are there any significant cracks or deterioration of the paved areas? ЛÖ Has there been any removal of any pavement? 10 Is there any soil washing or erosion (gullies, soil washed out onto the pavement)? 1/Ů Has there been any vehicular use on the unpaved areas (tire tracks, rutting)? Have any structures been constructed on the unpaved areas? ö 110 Are there any signs of intrusive activities? X) O Ground Buildes ACTIONS TAKEN -e d Temis Court Entrance Surking ig/A/aph ä MGign diferium alp to Ar 085 Inspector's Signature: 1) Thore's a lot of sweler arcites abound the Building that sinking in Also a lot of cracks in the Street dus of the concrect of start 4 2) from 12-9216 / 12-30-16 Pro Cent dus of the concrect of start 4 and since then it's has been leaking in the MEL's starts have 0069



Attachment 3 Training Acknowledgement



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: Custodian/Fireman:

I, <u>Energy</u>, received annual refresher training on Engineering Controls Operation and Maintenance by ATC Group Services, LLC (ATC) on <u>2/21/18</u>. As part of the annual refresher training I conducted a walkthrough with ATC during which all elements covered by the Operation and Maintenance Plan were explained to me including the completion of the daily logs and monthly inspection form.

Signed by: Custodian/Fireman

Date: 2-21-18

Recommendations: ssure ben co) pep S k de vulle



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



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



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



Photo 4: View of typical pavers.



Photo 6: View of SSDS vacuum gage.



Attachment 5 Annual Inspection Form

	Annual Inspection Form Metropolitan Avneue - 167Q	
Ins	pector's Name: Husam Zeidan Weather Conditions: Uli My	
	pection Date: 2/21//8	
	nments:	
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:	
3.	SSDS SYSTEM INSPECTION - Inspect Interior and Exterior of Blower Enclosure	
	C & Date	
	 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? 	
	* Is the SSDS blower unit functioning properly and is the spare blower unit available?	
	 Is the inline filter differential pressure guage functioning properly? Is the blower inlet vacuum indicator functioning properly? 	
	* Are the blower outlet pressure guage and temperature guage functioning property?	outlet Pro
	[^] Is the discharge flow element functioning properly?	gauge no
	 Is the dilution air intake functioning properly? Are the indicator lights on the BMS panel functioning properly? 	
	* Comments (see or hear anything unusual?):	
C .	BASEMENT INSPECTION - Walk Entire Basement Floor	
	 Review all cracks or other openings indentified in ground floors during previous inspections. * Any new visible cracks in the basement floor? haidlife floors during previous inspections. 	
	* Any new visible cracks in the basement walls?	-
	 Any new visible opening (unintended) in either the floor or walls? Any new visible cracks in elevator pit or other accessible pits? 	
	* Note the length of any new cracks/openings in the basement floor.	
Ĭ,	* Note the length of any new cracks/openings in the basement walls V (
	* Draw approximate location of floor cracks/openings that appear to have potential leak through vapor barrier.	
	Comments:	
).	EXTERIOR INSPECTION - Walk Entire Exterior Property	
	Are there any significant cracks or deterioration of the paved areas?	1
	*/ Is there any soil washing or erosion (gullies, soil washed out onto the pavement)?	us flt school
	A Have any structures been constructed on the lower in a A/2	
-	* Are there any signs of intrusive activities?	
	* Are there any signs of intrusive activities? Comments: Are there any signs of intrusive activities? Comments: Are there any signs of intrusive activities? Bensin	
	Repair	
•		
	Summarize needed/completed repairs to Engineering Controls:	
	The work of the contraction of t	
	/////	•
	Inspector's Signature:	

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