



N O R T H E R N
Analytical Services, LLC.
ENVIRONMENTAL CONSULTANTS

**Asbestos Hazard Emergency Response Act
(AHERA)
Management Plan
&
Asbestos Inspection Report**

Prepared for:

**Ivywood Classical Academy
14356 Genoa Court
Plymouth, Michigan 48170**

Completed By:

**Northern Analytical Services, LLC.
PO Box 1604
Big Rapids, Michigan 49307**

**Project No.: 240153
Report Date: August 28, 2024**

Table of Contents

| | |
|--|----|
| Introduction | 2 |
| Building Summary | 3 |
| Company Statement | 4 |
| Asbestos Background | 5 |
| Inspection Procedures | 5 |
| Facility Recommendations | 6 |
| Management Planner's Recommendations | 9 |
| School Building Number 1 - Ivywood Classical Academy | 9 |
| School Building Number 2 - Ivywood Classical Academy-South | 9 |
| Signature Page | 11 |
| Inspection Statement | 11 |
| Management Plan Statement | 11 |
| Local Education Information | 12 |
| Training Certification | 12 |
| LEA Responsibility Certification | 13 |
| Annual Notification | 14 |
| Appendix A | 15 |
| Notifications & Forms | 15 |
| Annual AHERA Notification | 16 |
| Asbestos Removal Notification | 17 |
| Asbestos Acknowledgement | 18 |
| Periodic Surveillance | 25 |
| Periodic Surveillance | 26 |
| Appendix B | 37 |
| Inspection Data | 37 |
| Ivywood Classic Academy | 38 |
| Ivywood Classic Academy-South | 39 |
| Material Report | 40 |
| Inspection Report | 41 |
| Sample Location Report | 42 |
| Response Action Report | 43 |
| Estimated Abatement Costs | 44 |
| Laboratory Report | 45 |
| Drawing | 46 |

Introduction

The following Asbestos Management Plan and Inspection Report was completed by Northern Analytical Services, LLC. (NAS) for Ivywood Classical Academy located at 14356 Genoa Court, Plymouth, Michigan 48170.

In accordance with the Asbestos Hazard Emergency Response Act (AHERA), all buildings owned and/or operated by K-12 school districts are required to be incorporated in the district's management plan. These regulations allow for buildings, or portions of buildings, constructed after 1988 to either be inspected for the presence of asbestos containing materials (ACM) or be accompanied by a statement from the architect/construction manager that no ACM was installed during construction activities. It is recommended that acceptable statements be obtained and attached to this report for any future renovation/construction activities.

The following buildings are included:

| School Building Number | Building | Address |
|-------------------------------|---------------------------------|--|
| 1 | Ivywood Classical Academy | 14356 Genoa Court Plymouth, Michigan 48170 |
| 2 | Ivywood Classical Academy-South | 46250 Ann Arbor Road Plymouth, Michigan 48170 |

Local Education Agency (LEA) Name

Ivywood Classical Academy

Building Summary

School Building Number School Building Name

| | |
|---|---------------------------|
| 1 | Ivywood Classical Academy |
|---|---------------------------|

Building Address

Street

City

Zip

| | | |
|-------------------|----------|-------|
| 14356 Genoa Court | Plymouth | 48170 |
|-------------------|----------|-------|

Building Contains:

| | |
|--|-----|
| 1. Friable ACBM | No |
| 2. Non-Friable ACBM | No |
| 3. Friable Material Assumed to be ACBM | No |
| 4. Non-Friable Material Assumed to be ACBM | Yes |
| 5. None of the Above | |

School Building Number School Building Name

| | |
|---|---------------------------------|
| 2 | Ivywood Classical Academy-South |
|---|---------------------------------|

Building Address

Street

City

Zip

| | | |
|----------------------|----------|-------|
| 46250 Ann Arbor Road | Plymouth | 48170 |
|----------------------|----------|-------|

Building Contains:

| | |
|--|-----|
| 1. Friable ACBM | Yes |
| 2. Non-Friable ACBM | Yes |
| 3. Friable Material Assumed to be ACBM | Yes |
| 4. Non-Friable Material Assumed to be ACBM | Yes |
| 5. None of the Above | |

Form A-2

Company Statement

This Management Plan and Inspection Report was prepared by NAS to assist Ivywood Classical Academy in meeting the requirements set forth by AHERA.

In preparation of this document, every attempt has been made to recommend the least burdensome response actions consistent with protecting human health and the environment as specified by AHERA.

AHERA states that the management plan is the responsibility of the owner/operator of the facility, also called the Local Education Agency (LEA); in this case the LEA is Ivywood Classical Academy. It is the responsibility of the LEA to read and understand the response actions, their obligations, timetables, and to determine if these actions are reasonable actions prior to signing the owner/operator statement. Any changes or additions to this document without written authorization from NAS will automatically void the inspection and management plan statements.

If the LEA decides to make changes to this report without authorization from NAS or decides to make changes which conflict with the advice and/or professional judgment of NAS, a separate statement shall accompany the management plan and should specify which recommended actions the owner/operator has decided to change, the actual changes and rationale for the changes. NAS will not accept any responsibility for changes to any response actions that weren't stated previously by NAS.

Asbestos Background

Asbestos is a naturally occurring mineral. It is distinguished from other minerals by the fact that its crystals form long, thin fibers. Deposits of asbestos are found throughout the world. The primary sites of commercial production are Canada, China, Brazil, Zimbabwe, and South Africa. Asbestos is also mined commercially in limited quantities in the United States, in California and Vermont.

Asbestos has been used in thousands of products. Collectively, these are referred to as asbestos-containing material (ACM). Asbestos gained wide-spread use because it was plentiful, readily available and low in cost. Because of its unique properties – fire resistance, high tensile strength, poor heat and electrical conductivity and being generally impervious to chemicals attacks – asbestos proved well-suited for many uses in the construction trades.

Asbestos-related diseases are chronic diseases and symptoms usually do not appear for 15 to 40 years after initial exposures to airborne asbestos fibers. In nearly all cases, many years of exposure to high levels of airborne ACM is necessary for personnel to contract asbestos-related diseases.

The primary exposure route is inhalation. Inhaled fibers may become embedded in the bronchial tubes or alveoli, or they may pass through to the pleura – the lining of the chest cavity. Asbestos-related diseases include asbestosis, lung cancer, mesothelioma and gastrointestinal cancers.

Inspection Procedures

Inspection procedures were conducted by a State of Michigan accredited Asbestos Building Inspector in accordance with AHERA requirements.

To complete this survey, the inspector(s) reviewed any available historic documentation and performed an inspection attempting to identify any suspect asbestos containing materials present. During the inspection, the inspector visually inspected materials for damage or the potential for damage.

Local Education Agency (LEA) Name

Ivywood Classical Academy

School Building Number School Building Name

2

Ivywood Classical Academy-South

Sample Location Determination

1. Describe the Manner used to Determine Sample Locations

All samples were collected in a random distributed manner in accordance with 763.86 with at least two samples from each miscellaneous material, at least 3 samples from each TSI, and at least 3/5/7 samples from each surfacing material.

2. Inspector Name

Joshua Christie

3. Inspector Signature Date

See Signature Page

4. State of Accreditation

Michigan

5. Accreditation Number

A60272

Form D-6

Facility Recommendations

Based on the findings of the Inspector, the following general site recommendations have been made:

Careful review of the included Survey Data and Response Actions should be conducted by the Districts Designated Person. The reports titled Material Report will provide a detailed description of the suspect ACM found, asbestos content, friability, type of asbestos present, and the total quantity found in each building. Reports titled Survey and Response Action Report will provide a description of what materials were found in each room, comments on the specific location and damage if any was observed and response actions to be taken for each of the known or assumed to contain ACM found in each area. The report titled Periodic Surveillance is intended to assist the Designated Person in completing the required periodic surveillance (at least 1 time every 6 months).

For materials that have been identified as damaged, it is recommended that a licensed abatement contractor be contacted to make any repairs or to conduct any removal activities needed.

In accordance with CFR 1910.1200, it is recommended that each ACM be properly labeled as asbestos containing. Warning labels should contain the following information:

Danger
Contains Asbestos Fibers
Avoid Creating Dust
Cancer and Lung Disease Hazard

Labels should be placed in various locations on each material in a manner to avoid accidental disturbance.

Prior to any renovation or maintenance activity, review the Management Plan to ensure materials being impacted by the renovation/activity do not contain asbestos. Should materials likely to be disturbed not be accurately described in the inspection reports, contact a licensed Asbestos Building Inspector to collect samples. Do not disturb materials not described in the Management Plan or materials identified as asbestos containing or assumed to contain asbestos.

If a disturbance occurs, either accidental or planned (abatement project), area air monitoring should be conducted to establish the airborne concentration of asbestos fibers present. Both State and Federal Agency strictly govern disturbance activities and exposure to employees and building occupants. Proper air sampling can determine if area contamination has occurred as well as help assure employees and building occupants in adjacent areas are not being exposed. In addition to area monitoring, AHERA requires third party area air clearance testing whenever a disturbance occurs.

Records of future renovation activities should be kept. These records should include what materials were disturbed and to what extent. Also, information on replacement materials is vital in keeping this survey up to date. Often Architects or Design Engineers can provide legal statements indicating that replacement materials do not contain asbestos. Other documentation of this sort would be material or product safety data sheets. If proper documentation is not available for suspect ACM's located in building constructed prior to 1986, sample collection and analysis is required by State and Federal Regulations.

Both CFR 1910.110 and CFR 1926.110 require that employers provide awareness training to all employees that are expected to come in contact with or required to work in the general vicinity of ACM. In accordance with regulatory requirements, it is recommended that all housekeeping and maintenance employees receive, at a minimum, 2-hour asbestos awareness training. In addition, employees that are required to conduct minor cleanup projects shall be provided additional training.

Management Planner's Recommendations

All of the ACM or suspect ACM identified in this report was noted by the inspector as being in good condition unless specifically mentioned below under each building name. Continue the facility's operations and maintenance program and conduct periodic assessments (at least every 6 months) of all known or assumed asbestos containing materials.

The following recommendations (not all inclusive, see Response Actions for additional recommendations) are based on the inspector's findings, laboratory results and the management planner's opinion. Please note that all work described below must be completed either by in house properly trained 16-hour asbestos operations and maintenance personnel or a licensed asbestos abatement contractor. Third-party air clearance testing should be conducted following any repair/removal actions described below:

School Building Number 1 - Ivywood Classical Academy

1. No damaged ACM or SACM was discovered during this inspection.

School Building Number 2 - Ivywood Classical Academy-South

1. No damaged ACM or SACM was discovered during this inspection.

Local Education Agency (LEA) Name

Ivywood Classical Academy

School Building Number/ Name

2-Ivywood Classical Academy-South

Future Activities

1. Surveillance and Reinspection Plan

A periodic assessment will be performed at least every 6 months by the Designated Person for each friable ACM or PACM identified. A reinspection will be performed by an accredited asbestos building inspector and reviewed by a management planner at least every 3 years.

2. Operation and Maintenance Activities Plan

Any repairs or removal of ACM shall be performed by outside vendors who have been properly trained with at least 16 hours of Operations and Maintenance training. No acm maintenance activities will be performed by inhouse personnel.

3. Additional Cleaning Recommendation

No additional cleaning is required at this time.

4. LEA response to Additional Cleaning Recommendation

Will review if ACM cleaning needs arise.

Forms E-7a & 7b

Signature Page

Inspection Statement

The person(s) listed below hereby attest(s) that he/she/they did inspect, assess and perform sampling of suspect asbestos containing building materials (ACBM) at the buildings/portions of buildings listed in this report in accordance with AHERA regulations set forth in 40 CFR Section 763.85(a):

| Name | Accreditation Number | Signature | Date |
|-----------------|---------------------------------|------------------|-------------|
| Joshua Christie | A60272 | | |
| 8/28/202445532 | | | |



Management Plan Statement

The person(s) listed below hereby attest(s) that he/she/they did review the asbestos inspection data collected by the asbestos building inspector for this inspection. Any recommendations are based on the above referenced inspection in accordance with AHERA regulations set forth in 40 CFR Section 763.93 (12), (ii).

| Name | Accreditation Number | Signature | Date |
|--------------|---------------------------------|------------------|-------------|
| John Rehkopf | A16809 | | 8/28/2024 |

Ivywood Classical Academy
AHERA Management Plan & Inspection Report
Project No.: 240153
Report Date: August 28, 2024

Local Education Information

Local Education Agency (LEA): Ivywood Classical Academy
LEA Address: 14356 Genoa Court, Plymouth, Michigan 48170
Designated Person: Stephanie Kooiker
Designated Person Address: 14356 Genoa Court, Plymouth, Michigan 48170
Designated Person Telephone: 248-207-1757

Training Certification

The Designated Person(s) listed above attests that he/she/they received adequate training covering the Local Education Agency's (LEA) responsibilities for Designated Person in accordance with 763.93 (e)(4). This training included:

- The health effects of asbestos exposure
- Detection, identification and assessment of ACBM
- Options for controlling ACBM
- Asbestos management programs
- Relevant State and Federal regulations regarding asbestos
- The LEA/Designated Person responsibilities.

Training was provided by: _____.

Under the course titled: Asbestos Designated Person Training

on: _____ and was _____ hours in length.

Designated Person Signature: _____
Stephanie Kooiker Date

LEA Responsibility Certification

The Designated Person listed above certifies that the general LEA responsibilities as required by 763.84 have been or will be satisfied. This includes the following actions:

1. Anyone who conducts any inspections, re-inspections or abatement projects; develops or updates management plans; or performs operations and maintenance that will disturb ACM are licensed asbestos professionals.
2. All custodial and maintenance staff have received two-hour asbestos awareness training and 14 hours of operations and maintenance training (along with annual refreshers) as described in AHERA.
3. The parents, teachers and employee organizations are notified on an annual basis of all inspections, response actions and periodic surveillance that are planned or in progress in regard to asbestos in each school building.
4. Short-term workers (e.g., telephone repair workers, utility workers or exterminators) are informed of the locations of ACBM in school buildings.
5. Warning signs are posted immediately adjacent to ACM in routine maintenance areas that state:

Danger. Asbestos. Hazardous.
Do Not Disturb
Without Proper Training and Equipment

6. Parents, teachers and employee organizations are notified in writing on an annual basis of the availability of the school's asbestos management plan.
7. The management plans are available for inspection in each school and the district office.
8. Records are properly maintained.
9. Each management plan contains a statement, signed by the designated person that certifies the LEA's responsibilities have been or will be met. The statement needs to be amended for each new designated person chosen by the LEA.
10. Re-inspections are conducted at least once every three years after a management plan is in effect.

As the Designated Person for Ivywood Classical Academy, I will ensure that the above items are completed in accordance with AHERA.

Signature of Designated Person

Stephanie Kooiker

Date

Annual Notification

Annual AHERA Notifications to Employees, Students, and Parents.

The Asbestos Hazard Emergency Response Act (AHERA) requires schools to "ensure that workers and building occupants, or their legal guardians, are informed at least once each school year about inspections, response actions, and post-response action activities, including periodic reinspection and surveillance activities that are planned or in progress (763.84(c)). Such notification must be done in writing and a copy placed in the management plan. Suggested notification methods may be through the publication of an article in a school district newsletter or through a separate written notice distributed to staff and sent home to a student's parent or legal guardian.

In addition, schools "shall make management plans available for inspection to representatives of EPA and the State, the public, including parents, teachers, and other school personnel within 5 working days after receiving a request for inspection (763.93(g)(3)). Furthermore, "the local education agency shall notify in writing parent, teacher, and employee organizations of the availability of management plans and shall include in the management plan a description of steps to notify such organizations, and a dated copy of the notification. In the absence of any such organizations for parents, teachers, or employees, the local education agency shall provide written notice to that relevant group of the availability of management plans and shall include in the management plan a description of the steps taken to notify such groups and a dated copy of the notification" (763.93(g)(4)).

The LEA asbestos designated person for the school district is to ensure that these AHERA required notifications occur each school year. The school may determine when to do AHERA notification, as long as it occurs at least once each school year.

A copy of the annual notification can be found in Appendix A.

Appendix A

Notifications & Forms

Annual AHERA Notification

Ivywood Classical Academy has an Asbestos Management Plan in place in accordance with the Asbestos Hazard Emergency Response Act (AHERA). The plan is available for review in the main office. Please call Stephanie Kooiker at (248-207-1757) to view during normal operational hours, 8AM to 4PM Monday through Friday with the exception of holidays.

In accordance with AHERA requirements, Ivywood Classical Academy has contracted Northern Analytical Services, LLC. (NAS) to perform all re-inspections of known asbestos containing materials present, to prepare written project designs for all response actions and to perform all post response action testing. As part of this plan, NAS performed the most recent inspection on 8/20/2024.

Over the past 12 months, the following materials were removed from our buildings:

In the next 12 months we are planning to remove the following materials from our buildings:

Prior to conducting any work that disturbs asbestos, Ivywood Classical Academy will notify all parents and building staff in advance.

Sincerely,

Stephanie Kooiker
Ivywood Classical Academy

Asbestos Removal Notification

In an effort to provide our students with the best learning environment possible, Ivywood Classical Academy is planning a building improvement project that will require the disturbance of asbestos containing materials. We have retained the services of a State of Michigan accredited Asbestos Project Designer to prepare written specifications to help ensure the work is completed in the safest manner possible. All removal work will be performed by a State of Michigan licensed asbestos abatement contractor and overseen by a qualified third-party air quality testing firm.

Third party air clearance testing will be performed before the areas affected by the asbestos removal are returned to normal use.

Asbestos Removal is scheduled to be removed from the following buildings:

| Building Name | Start Date | Completion Date |
|---------------|------------|-----------------|
| | | |
| | | |
| | | |
| | | |

Please contact our District's Designated Person, Stephanie Kooiker at 248-207-1757 with any questions.

Asbestos Acknowledgement

Asbestos containing materials (ACM)'s are located in various areas of Ivywood Classical Academy. All short-term workers (anyone performing work that may disturb any building materials) must first have received asbestos awareness training within the past 12 months and be made aware of the types, locations, and quantities of ACM present in our District. Training shall be in accordance with Part 602 Asbestos Standards for Construction-1926.1101, be at least 2 hours in length, and include the contents of our District's asbestos building survey.

A copy of the asbestos survey reports can be obtained by contacting the Asbestos Designated Person for Ivywood Classical Academy, Stephanie Kooiker at 248-207-1757.

All short-term workers must return a signed copy of this form to O Kooiker before disturbing any building materials.

By signing this form _____ of _____ acknowledges there is asbestos present in various areas of Ivywood Classical Academy and accepts all liability associated with repairing, cleaning, and testing should any representative of our company, or our sub-contractor(s) improperly disturb any asbestos containing material. In addition, I attest that all of our employees, sub-contractors and their employees who perform services at Ivywood Classical Academy that causes the disturbance of building materials have been provided asbestos awareness training within the past 12 months that specifically included information regarding the presence, location, and quantity of ACM at Ivywood Classical Academy.

Company Representative Legally Authorized to Sign this form:

Signature Title Date

By signing below, you are attesting that you have received asbestos awareness training within the past 12 months that included information regarding the presence, location, and quantity of ACM at Ivywood Classical Academy.

[illegible]

Local Education Agency (LEA) Name

Ivywood Classical Academy

School Building Number/Name

1-Ivywood Classical Academy

Description of Preventive Measures and Response Actions

1. Location

| |
|--|
| |
|--|

2. Methods

| |
|--|
| |
|--|

3. Reasons

| |
|--|
| |
|--|

4. Schedule

| |
|--|
| |
|--|

5. Name and location of storage or disposal site of the ACM

| |
|--|
| |
|--|

6. Name of contractor involved

| |
|--|
| |
|--|

7. State of accreditation

8. Accreditation number

| | |
|--|--|
| | |
|--|--|

Local Education Agency (LEA) Name

Ivywood Classical Academy

School Building Number/Name

2-Ivywood Classical Academy-South

Description of Preventive Measures and Response Actions

1. Location

| |
|--|
| |
|--|

2. Methods

| |
|--|
| |
|--|

3. Reasons

| |
|--|
| |
|--|

4. Schedule

| |
|--|
| |
|--|

5. Name and location of storage or disposal site of the ACM

| |
|--|
| |
|--|

6. Name of contractor involved

| |
|--|
| |
|--|

7. State of accreditation

8. Accreditation number

| | |
|--|--|
| | |
|--|--|

Local Education Agency (LEA) Name

Ivywood Classical Academy

School Building Number/Name

1-Ivywood Classical Academy

Response Action Clearance Monitoring

1. Name of Person Collecting Air Sample

2. Air Sampler(s) Signature

3. Location Where Samples Were Collected

4. Date(s) Air Samples Collected

5. Name & Address of Laboratory Analyzing Samples

6. Date of Analysis

7. Results of Analysis

8. Method of Analysis

9. Name of Person Performing Analysis

10. Signature of Analyst

11. State of Laboratory Qualifications

Local Education Agency (LEA) Name

Ivywood Classical Academy

School Building Number/Name

2-Ivywood Classical Academy-South

Response Action Clearance Monitoring

12. Name of Person Collecting Air Sample

13. Air Sampler(s) Signature

14. Location Where Samples Were Collected

15. Date(s) Air Samples Collected

16. Name & Address of Laboratory Analyzing Samples

17. Date of Analysis

18. Results of Analysis

19. Method of Analysis

20. Name of Person Performing Analysis

21. Signature of Analyst

22. State of Laboratory Qualifications

Local Education Agency (LEA) Name

Ivywood Classical Academy

School Building Number/Name

1-Ivywood Classical Academy

In-House O&M Training

1. Person(s) Name and Job Title

2. Date of Training

3. Location of Training

4. Number of Hours of Training Provided

Form F-3

Local Education Agency (LEA) Name

Ivywood Classical Academy

School Building Number/Name

2-Ivywood Classical Academy-South

In-House O&M Training

1. Person(s) Name and Job Title

2. Date of Training

3. Location of Training

4. Number of Hours of Training Provided

Form F-3

Local Education Agency (LEA) Name

Ivywood Classical Academy

School Building Number/Name

1-Ivywood Classical Academy

Periodic Surveillance

1. Name of Person Performing the Surveillance:

Last

First

M.I.

| | | |
|--|--|--|
| | | |
|--|--|--|

2. Date of the Surveillance:

| |
|--|
| |
|--|

3. Description of any Changes in the Condition of the Materials:

| |
|--|
| |
|--|

Local Education Agency (LEA) Name

Ivywood Classical Academy

School Building Number/Name

2-Ivywood Classical Academy-South

Periodic Surveillance

1. Name of Person Performing the Surveillance:

Last

First

M.I.

| | | |
|--|--|--|
| | | |
|--|--|--|

2. Date of the Surveillance:

| |
|--|
| |
|--|

3. Description of any Changes in the Condition of the Materials:

| |
|--|
| |
|--|

Local Education Agency (LEA) Name

Ivywood Classical Academy

School Building Number/Name

1-Ivywood Classical Academy

O&M Cleaning

1. Person(s) Performing Cleaning

2. Date of Training

3. Location and Description of Cleaning Methods

Local Education Agency (LEA) Name

Ivywood Classical Academy

School Building Number/Name

2-Ivywood Classical Academy-South

O&M Cleaning

1. Person(s) Performing Cleaning

2. Date of Training

3. Location and Description of Cleaning Methods

Local Education Agency (LEA) Name

Ivywood Classical Academy

School Building Number/Name

1-Ivywood Classical Academy

O&M Activities

1.Name of Person Performing Activities

2.Sart and Completion Dates

3.Location and Description of O&M Activity

4.Name and Location of Storage or Disposal Site for ACM

Local Education Agency (LEA) Name

Ivywood Classical Academy

School Building Number/Name

2-Ivywood Classical Academy-South

O&M Activities

1.Name of Person Performing Activities

2.Sart and Completion Dates

3.Location and Description of O&M Activity

4.Name and Location of Storage or Disposal Site for ACM

Local Education Agency (LEA) Name

Ivywood Classical Academy

School Building Number/Name

1-Ivywood Classical Academy

Major Fiber Release

1.List and Description of Activities

2.List Start and Completion Dates of Activities

3.Name and Location of Storage or Disposal Site for ACM

Local Education Agency (LEA) Name

Ivywood Classical Academy

School Building Number/Name

1-Ivywood Classical Academy

Major Fiber Release (continued)

4. Name of Contractor Involved

| |
|--|
| |
|--|

5. Signature of Contractor Involved

| |
|--|
| |
|--|

6. State of Accreditation

| |
|--|
| |
|--|

4. Name of Contractor Involved

| |
|--|
| |
|--|

5. Signature of Contractor Involved

| |
|--|
| |
|--|

6. State of Accreditation

| |
|--|
| |
|--|

Local Education Agency (LEA) Name

Ivywood Classical Academy

School Building Number/Name

2-Ivywood Classical Academy-South

Major Fiber Release

1.List and Description of Activities

2.List Start and Completion Dates of Activities

3.Name and Location of Storage or Disposal Site for ACM

Local Education Agency (LEA) Name

Ivywood Classical Academy

School Building Number/Name

2-Ivywood Classical Academy-South

Major Fiber Release (continued)

7. Name of Contractor Involved

| |
|--|
| |
|--|

8. Signature of Contractor Involved

| |
|--|
| |
|--|

9. State of Accreditation

| |
|--|
| |
|--|

7. Name of Contractor Involved

| |
|--|
| |
|--|

8. Signature of Contractor Involved

| |
|--|
| |
|--|

9. State of Accreditation

| |
|--|
| |
|--|

Local Education Agency (LEA) Name

Ivywood Classical Academy

School Building Number/Name

1-Ivywood Classical Academy

Minor Fiber Release

1. List Location and Method of Repair, Preventative Measures or Response Action Taken

2. Date of Minor Fiber Release Episode

3. Name and Location of Storage or Disposal Site for ACM

4. List Names of Persons Performing Repair or Cleanup

Local Education Agency (LEA) Name

Ivywood Classical Academy

School Building Number/Name

2-Ivywood Classical Academy-South

Minor Fiber Release

1. List Location and Method of Repair, Preventative Measures or Response Action Taken

2. Date of Minor Fiber Release Episode

3. Name and Location of Storage or Disposal Site for ACM

5. List Names of Persons Performing Repair or Cleanup

Appendix B

Inspection Data

Material Report

Northern Analytical Services

14870 225th Avenue, Big Rapids, MI 49307 - (231) 268-0004 - Fax (866) 214-4739

Customer:

Building:

Address:

Choice Schools Associates
Ivywood Classical Academy South
46250 Ann Arbor Road
Plymouth, MI 48170

Printed:

August 28, 2024

Material Report

| Material Number | Homogeneous Material Description | Category | Friability* | RACM** | Asbestos Detected | Percent Asbestos | Asbestos Type | Quantity | Units |
|-----------------|--|----------|-------------------------|--------|-------------------|------------------|---------------|----------|--------|
| 1 | Floor Tile & Mastic - 12in x 12in Off- White and Grey With Black Specks, Yellow Mastic | Misc. | No | No | No | --- | None Detected | 5110 | Sq.Ft. |
| 2 | Flooring Layer Assumed Under Surface Layer - | Misc. | Category I Non-Friable | No | Yes | --- | Assumed | 9550 | Sq.Ft. |
| 3 | Cove Base - 4in White | Misc. | No | No | No | --- | None Detected | 50 | Sq.Ft. |
| 4 | Caulk - On Exterior Steel Storefront Frame | Misc. | No | No | No | --- | None Detected | 1 | Sq.Ft. |
| 5 | Transite Window Blank - | Misc. | Category II Non-Friable | No | Yes | --- | Assumed | 8 | Sq.Ft. |
| 6 | Glazing - On Exterior Steel Storefront Frame | Misc. | No | No | No | --- | None Detected | 1 | Sq.Ft. |
| 7 | Caulk - On Exterior Steel Door Frame | Misc. | No | No | No | --- | None Detected | 5 | Sq.Ft. |
| 8 | Wood Door - | Misc. | Category II Non-Friable | No | Yes | --- | Assumed | 32 | Sq.Ft. |
| 9 | Miscellaneous - Divider Wall | Misc. | No | No | No | --- | None Detected | 1025 | Sq.Ft. |
| 10 | Drywall & Joint Compound - | Misc. | No | No | No | --- | None Detected | 15665 | Sq.Ft. |
| 11 | Ceiling Tile - 2ft x 4ft White With Smooth Bumpy Texture | Misc. | Yes | No | No | --- | None Detected | 6785 | Sq.Ft. |
| 12 | Floor Tile & Mastic - 12in x 12in Tan With Brown Streaks | Misc. | Category I Non-Friable | No | Yes | T-2% M-ND | Chrysotile | 65 | Sq.Ft. |
| 13 | Caulk - On Exterior Steel Transom Frame | Misc. | No | No | No | --- | None Detected | 6 | Sq.Ft. |
| 14 | Caulk - On Interior Steel Door Door Frame | Misc. | No | No | No | --- | None Detected | 16 | Sq.Ft. |
| 15 | Fire Rated Door - | Misc. | Category II Non-Friable | No | Yes | --- | Assumed | 11 | Each |

* Non-Friable materials may become friable when damaged.

** May become regulated asbestos containing material (RACM) when damaged.

Misc. = miscellaneous material

Surfacing = surfacing material

Thermal = thermal system insulation

RACM = regulated asbestos containing material

Northern Analytical Services

14870 225th Avenue, Big Rapids, MI 49307 - (231) 268-0004 - Fax (866) 214-4739

Customer:

Building:

Address:

Choice Schools Associates
Ivywood Classical Academy South
46250 Ann Arbor Road
Plymouth, MI 48170

Printed:

August 28, 2024

Material Report

| <i>Material Number</i> | <i>Homogeneous Material Description</i> | <i>Category</i> | <i>Friability*</i> | <i>RACM**</i> | <i>Asbestos Detected</i> | <i>Percent Asbestos</i> | <i>Asbestos Type</i> | <i>Quantity</i> | <i>Units</i> |
|------------------------|--|-----------------|-------------------------|---------------|--------------------------|-------------------------|----------------------|-----------------|--------------|
| 16 | Flooring-Carpet Glue - Tan | Misc. | No | No | No | --- | None Detected | 3985 | Sq.Ft. |
| 17 | Cove Base - 4in Black | Misc. | No | No | No | --- | None Detected | 30 | Sq.Ft. |
| 18 | Sink Undercoating - Black | Surfacing | No | No | No | --- | None Detected | 1 | Sq.Ft. |
| 19 | Pipe Insulation-Assumed in Walls/Ceiling Cavities - | Thermal | Yes | Yes | Yes | --- | Assumed | 70 | Ln.Ft. |
| 20 | Drywall - 2ft x 4ft Ceiling Tile | Misc. | No | No | No | --- | None Detected | 560 | Sq.Ft. |
| 21 | Caulk - On Interior Transom Frame | Misc. | No | No | No | --- | None Detected | 5 | Sq.Ft. |
| 22 | Ceramic Tile & Grout - 12in x 12in White Marble Appearance | Misc. | Category II Non-Friable | No | Yes | --- | Assumed | 460 | Sq.Ft. |
| 23 | Glue - Assumed Behind Visual Display Board | Misc. | Category II Non-Friable | No | Yes | --- | Assumed | 80 | Sq.Ft. |
| 24 | Stair Tread - Brown | Misc. | No | No | No | --- | None Detected | 140 | Sq.Ft. |
| 25 | Caulk - On Old Roof Line | Misc. | Category II Non-Friable | No | Yes | 3% | Chrysotile | 1 | Sq.Ft. |
| 26 | Vibration Dampener Cloth - Black | Misc. | No | No | No | --- | None Detected | 10 | Sq.Ft. |
| 27 | Flooring - Rubber Gym Floor With Black Layer - Grey | Misc. | No | No | No | --- | None Detected | 2610 | Sq.Ft. |
| 28 | Caulk - On Wood Beams | Misc. | Category II Non-Friable | No | Yes | 3% | Chrysotile | 10 | Sq.Ft. |
| 29 | Caulk - On Interior Steel Storefront Frame | Misc. | Category II Non-Friable | No | Yes | 2% | Chrysotile | 1 | Sq.Ft. |
| 30 | Glazing - On Interior Steel Storefront Frame | Misc. | Category II Non-Friable | No | Yes | <1% | Chrysotile | 1 | Sq.Ft. |

* Non-Friable materials may become friable when damaged.

** May become regulated asbestos containing material (RACM) when damaged.

Misc. = miscellaneous material

Surfacing = surfacing material

Thermal = thermal system insulation

RACM = regulated asbestos containing material

Northern Analytical Services

14870 225th Avenue, Big Rapids, MI 49307 - (231) 268-0004 - Fax (866) 214-4739

Customer:

Building:

Address:

Choice Schools Associates
Ivywood Classical Academy South
46250 Ann Arbor Road
Plymouth, MI 48170

Printed:

August 28, 2024

Material Report

| <i>Material Number</i> | <i>Homogeneous Material Description</i> | <i>Category</i> | <i>Friability*</i> | <i>RACM**</i> | <i>Asbestos Detected</i> | <i>Percent Asbestos</i> | <i>Asbestos Type</i> | <i>Quantity</i> | <i>Units</i> |
|----------------------------|---|-----------------|----------------------------|---------------|------------------------------|-----------------------------|----------------------|-----------------|--------------|
| 31 | Caulk - On Exterior Wood Window Frame | Misc. | No | No | No | --- | None Detected | 90 | Sq.Ft. |
| 32 | Caulk - On Interior Steel Sidelight Frame | Misc. | No | No | No | --- | None Detected | 1 | Sq.Ft. |
| 33 | Glazing - On Interior Steel Sidelight Frame | Misc. | Category II Non-Friable | No | Yes | 3% | Chrysotile | 1 | Sq.Ft. |
| 34 | No Access - | ----- | --- | --- | --- | --- | ----- | 1 | Each |
| 35 | Miscellaneous - Brick and Mortar | Misc. | No | No | No | --- | None Detected | Not Quantified | Sq.Ft. |
| 36 | Vermiculite - Assumed In Exterior Walls | Misc. | Yes | Yes | Yes | --- | Assumed | 2480 | Sq.Ft. |
| 37 | Roofing - | Misc. | Category I Non-Friable | No | Yes | --- | Assumed | 20000 | Sq.Ft. |
| 38 | Transite Window Blank - On Exterior Above Doorways | Misc. | Category II Non-Friable | No | Yes | --- | Assumed | 300 | Sq.Ft. |
| 39 | Transite - Assumed Soffit | Misc. | Category II Non-Friable | No | Yes | --- | Assumed | 620 | Sq.Ft. |

* Non-Friable materials may become friable when damaged.

** May become regulated asbestos containing material (RACM) when damaged.

Misc. = miscellaneous material

Surfacing = surfacing material

Thermal = thermal system insulation

RACM = regulated asbestos containing material

Inspection Report

Northern Analytical Services

14870 225th Avenue, Big Rapids, MI 49307 - (231) 268-0004 - Fax (866) 214-4739

Customer:

Building:

Address:

Choice Schools Associates
Ivywood Classical Academy South
46250 Ann Arbor Road
Plymouth, MI 48170

Printed:

August 28, 2024

Inspection Report

| <i>Room Number</i> | <i>Material Number</i> | <i>Homogeneous Material Description</i> | <i>Asbestos Detected</i> | <i>Asbestos Type</i> | <i>Quantity</i> | <i>Units</i> | <i>Comments</i> |
|--------------------|------------------------|--|--------------------------|----------------------|-----------------|--------------|---------------------------------------|
| 100 | 1 | Floor Tile & Mastic - 12in x 12in Off- White and Grey With Black Specks, Yellow Mastic | No | None Detected | 2100 | Sq.Ft. | |
| 100 | 2 | Flooring Layer Assumed Under Surface Layer - | Yes | Assumed | 2100 | Sq.Ft. | |
| 100 | 3 | Cove Base - 4in White | No | None Detected | 15 | Sq.Ft. | |
| 100 | 4 | Caulk - On Exterior Steel Storefront Frame | No | None Detected | 1 | Sq.Ft. | |
| 100 | 5 | Transite Window Blank - | Yes | Assumed | 8 | Sq.Ft. | 2ft x 4ft Assumed In Storefront Frame |
| 100 | 6 | Glazing - On Exterior Steel Storefront Frame | No | None Detected | 1 | Sq.Ft. | |
| 100 | 7 | Caulk - On Exterior Steel Door Frame | No | None Detected | 1 | Sq.Ft. | |
| 100 | 8 | Wood Door - | Yes | Assumed | 4 | Sq.Ft. | Exterior Wood Door With 2 Windows |
| 100 | 9 | Miscellaneous - Divider Wall | No | None Detected | 160 | Sq.Ft. | North Wall |
| 100 | 10 | Drywall & Joint Compound - | No | None Detected | 300 | Sq.Ft. | North and South Wall |
| 100 | 11 | Ceiling Tile - 2ft x 4ft White With Smooth Bumpy Texture | No | None Detected | 2100 | Sq.Ft. | |
| 100 | 12 | Floor Tile & Mastic - 12in x 12in Tan With Brown Streaks | Yes | Chrysotile | 50 | Sq.Ft. | North Wall Under Divider Wall |
| 101 | 1 | Floor Tile & Mastic - 12in x 12in Off- White and Grey With Black Specks, Yellow Mastic | No | None Detected | 815 | Sq.Ft. | |
| 101 | 2 | Flooring Layer Assumed Under Surface Layer - | Yes | Assumed | 815 | Sq.Ft. | |
| 101 | 3 | Cove Base - 4in White | No | None Detected | 5 | Sq.Ft. | |
| 101 | 8 | Wood Door - | Yes | Assumed | 2 | Sq.Ft. | Exterior Steel Door Wide |

Northern Analytical Services

14870 225th Avenue, Big Rapids, MI 49307 - (231) 268-0004 - Fax (866) 214-4739

Customer:

Building:

Address:

Choice Schools Associates
Ivywood Classical Academy South
46250 Ann Arbor Road
Plymouth, MI 48170

Printed:

August 28, 2024

Inspection Report

| <i>Room Number</i> | <i>Material Number</i> | <i>Homogeneous Material Description</i> | <i>Asbestos Detected</i> | <i>Asbestos Type</i> | <i>Quantity</i> | <i>Units</i> | <i>Comments</i> |
|--------------------|------------------------|--|--------------------------|----------------------|-----------------|--------------|------------------------------|
| 101 | 9 | Miscellaneous - Divider Wall | No | None Detected | 425 | Sq.Ft. | East Wall |
| 101 | 10 | Drywall & Joint Compound - | No | None Detected | 625 | Sq.Ft. | North, South, and West Walls |
| 101 | 11 | Ceiling Tile - 2ft x 4ft White With Smooth Bumpy Texture | No | None Detected | 815 | Sq.Ft. | |
| 101 | 13 | Caulk - On Exterior Steel Transom Frame | No | None Detected | 2 | Sq.Ft. | |
| 102 | 1 | Floor Tile & Mastic - 12in x 12in Off- White and Grey With Black Specks, Yellow Mastic | No | None Detected | 600 | Sq.Ft. | |
| 102 | 2 | Flooring Layer Assumed Under Surface Layer - | Yes | Assumed | 600 | Sq.Ft. | |
| 102 | 3 | Cove Base - 4in White | No | None Detected | 5 | Sq.Ft. | |
| 102 | 8 | Wood Door - | Yes | Assumed | 1 | Sq.Ft. | Exterior Steel Door Wide |
| 102 | 9 | Miscellaneous - Divider Wall | No | None Detected | 300 | Sq.Ft. | East Wall |
| 102 | 10 | Drywall & Joint Compound - | No | None Detected | 625 | Sq.Ft. | North, South, and East Walls |
| 102 | 11 | Ceiling Tile - 2ft x 4ft White With Smooth Bumpy Texture | No | None Detected | 600 | Sq.Ft. | |
| 102 | 13 | Caulk - On Exterior Steel Transom Frame | No | None Detected | 1 | Sq.Ft. | |
| 103 | 1 | Floor Tile & Mastic - 12in x 12in Off- White and Grey With Black Specks, Yellow Mastic | No | None Detected | 150 | Sq.Ft. | |
| 103 | 2 | Flooring Layer Assumed Under Surface Layer - | Yes | Assumed | 150 | Sq.Ft. | |
| 103 | 8 | Wood Door - | Yes | Assumed | 1 | Sq.Ft. | Solid Wood with Window |
| 103 | 11 | Ceiling Tile - 2ft x 4ft White With Smooth Bumpy Texture | No | None Detected | 150 | Sq.Ft. | |

Northern Analytical Services

14870 225th Avenue, Big Rapids, MI 49307 - (231) 268-0004 - Fax (866) 214-4739

Customer:

Building:

Address:

Choice Schools Associates
Ivywood Classical Academy South
46250 Ann Arbor Road
Plymouth, MI 48170

Printed:

August 28, 2024

Inspection Report

| <i>Room Number</i> | <i>Material Number</i> | <i>Homogeneous Material Description</i> | <i>Asbestos Detected</i> | <i>Asbestos Type</i> | <i>Quantity</i> | <i>Units</i> | <i>Comments</i> |
|--------------------|------------------------|--|--------------------------|----------------------|-----------------|--------------|-----------------------------------|
| 103 | 14 | Caulk - On Interior Steel Door Door Frame | No | None Detected | 2 | Sq.Ft. | |
| 103 | 15 | Fire Rated Door - | Yes | Assumed | 1 | Each | Solid Steel |
| 104 | 2 | Flooring Layer Assumed Under Surface Layer - | Yes | Assumed | 650 | Sq.Ft. | |
| 104 | 7 | Caulk - On Exterior Steel Door Frame | No | None Detected | 1 | Sq.Ft. | |
| 104 | 10 | Drywall & Joint Compound - | No | None Detected | 625 | Sq.Ft. | All Walls |
| 104 | 11 | Ceiling Tile - 2ft x 4ft White With Smooth Bumpy Texture | No | None Detected | 50 | Sq.Ft. | |
| 104 | 13 | Caulk - On Exterior Steel Transom Frame | No | None Detected | 1 | Sq.Ft. | |
| 104 | 14 | Caulk - On Interior Steel Door Door Frame | No | None Detected | 2 | Sq.Ft. | |
| 104 | 15 | Fire Rated Door - | Yes | Assumed | 2 | Each | Wood With Tall Pentagonal Windows |
| 104 | 16 | Flooring-Carpet Glue - Tan | No | None Detected | 650 | Sq.Ft. | |
| 104 | 17 | Cove Base - 4in Black | No | None Detected | 5 | Sq.Ft. | |
| 104 | 18 | Sink Undercoating - Black | No | None Detected | 1 | Sq.Ft. | |
| 105 | 2 | Flooring Layer Assumed Under Surface Layer - | Yes | Assumed | 160 | Sq.Ft. | Tile Found |
| 105 | 10 | Drywall & Joint Compound - | No | None Detected | 350 | Sq.Ft. | Walls |
| 105 | 11 | Ceiling Tile - 2ft x 4ft White With Smooth Bumpy Texture | No | None Detected | 160 | Sq.Ft. | |
| 105 | 12 | Floor Tile & Mastic - 12in x 12in Tan With Brown Streaks | Yes | Chrysotile | 15 | Sq.Ft. | In Closet |

Northern Analytical Services

14870 225th Avenue, Big Rapids, MI 49307 - (231) 268-0004 - Fax (866) 214-4739

Customer:

Building:

Address:

Choice Schools Associates
Ivywood Classical Academy South
46250 Ann Arbor Road
Plymouth, MI 48170

Printed:

August 28, 2024

Inspection Report

| <i>Room Number</i> | <i>Material Number</i> | <i>Homogeneous Material Description</i> | <i>Asbestos Detected</i> | <i>Asbestos Type</i> | <i>Quantity</i> | <i>Units</i> | <i>Comments</i> |
|--------------------|------------------------|--|--------------------------|----------------------|-----------------|--------------|------------------------|
| 105 | 14 | Caulk - On Interior Steel Door Door Frame | No | None Detected | 1 | Sq.Ft. | |
| 105 | 16 | Flooring-Carpet Glue - Tan | No | None Detected | 160 | Sq.Ft. | |
| 106 | 1 | Floor Tile & Mastic - 12in x 12in Off- White and Grey With Black Specks, Yellow Mastic | No | None Detected | 560 | Sq.Ft. | |
| 106 | 2 | Flooring Layer Assumed Under Surface Layer - | Yes | Assumed | 560 | Sq.Ft. | |
| 106 | 3 | Cove Base - 4in White | No | None Detected | 5 | Sq.Ft. | |
| 106 | 8 | Wood Door - | Yes | Assumed | 2 | Sq.Ft. | Solid Wood |
| 106 | 10 | Drywall & Joint Compound - | No | None Detected | 720 | Sq.Ft. | Walls |
| 106 | 19 | Pipe Insulation-Assumed in Walls/Ceiling Cavities - | Yes | Assumed | 5 | Ln.Ft. | East Wall |
| 106 | 20 | Drywall - 2ft x 4ft Ceiling Tile | No | None Detected | 560 | Sq.Ft. | |
| 107 | 1 | Floor Tile & Mastic - 12in x 12in Off- White and Grey With Black Specks, Yellow Mastic | No | None Detected | 550 | Sq.Ft. | |
| 107 | 2 | Flooring Layer Assumed Under Surface Layer - | Yes | Assumed | 550 | Sq.Ft. | |
| 107 | 8 | Wood Door - | Yes | Assumed | 1 | Sq.Ft. | Exterior Steel |
| 107 | 8 | Wood Door - | Yes | Assumed | 2 | Sq.Ft. | Wood With 12in Windows |
| 107 | 9 | Miscellaneous - Divider Wall | No | None Detected | 140 | Sq.Ft. | |
| 107 | 10 | Drywall & Joint Compound - | No | None Detected | 510 | Sq.Ft. | Walls |
| 107 | 11 | Ceiling Tile - 2ft x 4ft White With Smooth Bumpy Texture | No | None Detected | 550 | Sq.Ft. | |

Northern Analytical Services

14870 225th Avenue, Big Rapids, MI 49307 - (231) 268-0004 - Fax (866) 214-4739

Customer:

Building:

Address:

Choice Schools Associates
Ivywood Classical Academy South
46250 Ann Arbor Road
Plymouth, MI 48170

Printed:

August 28, 2024

Inspection Report

| <i>Room Number</i> | <i>Material Number</i> | <i>Homogeneous Material Description</i> | <i>Asbestos Detected</i> | <i>Asbestos Type</i> | <i>Quantity</i> | <i>Units</i> | <i>Comments</i> |
|--------------------|------------------------|--|--------------------------|----------------------|-----------------|--------------|--------------------|
| 107 | 13 | Caulk - On Exterior Steel Transom Frame | No | None Detected | 1 | Sq.Ft. | |
| 107 | 21 | Caulk - On Interior Transom Frame | No | None Detected | 2 | Sq.Ft. | |
| 108 | 2 | Flooring Layer Assumed Under Surface Layer - | Yes | Assumed | 170 | Sq.Ft. | |
| 108 | 8 | Wood Door - | Yes | Assumed | 1 | Sq.Ft. | Solid Wood |
| 108 | 10 | Drywall & Joint Compound - | No | None Detected | 450 | Sq.Ft. | Walls |
| 108 | 11 | Ceiling Tile - 2ft x 4ft White With Smooth Bumpy Texture | No | None Detected | 170 | Sq.Ft. | |
| 108 | 19 | Pipe Insulation-Assumed in Walls/Ceiling Cavities - | Yes | Assumed | 15 | Ln.Ft. | South Wall Sinks |
| 108 | 19 | Pipe Insulation-Assumed in Walls/Ceiling Cavities - | Yes | Assumed | 20 | Ln.Ft. | North Wall Toilets |
| 108 | 21 | Caulk - On Interior Transom Frame | No | None Detected | 1 | Sq.Ft. | |
| 108 | 22 | Ceramic Tile & Grout - 12in x 12in White Marble Appearance | Yes | Assumed | 170 | Sq.Ft. | |
| 109 | 2 | Flooring Layer Assumed Under Surface Layer - | Yes | Assumed | 170 | Sq.Ft. | |
| 109 | 8 | Wood Door - | Yes | Assumed | 1 | Sq.Ft. | Solid Wood |
| 109 | 10 | Drywall & Joint Compound - | No | None Detected | 450 | Sq.Ft. | Walls |
| 109 | 11 | Ceiling Tile - 2ft x 4ft White With Smooth Bumpy Texture | No | None Detected | 170 | Sq.Ft. | |
| 109 | 19 | Pipe Insulation-Assumed in Walls/Ceiling Cavities - | Yes | Assumed | 10 | Ln.Ft. | North Wall Sinks |
| 109 | 19 | Pipe Insulation-Assumed in Walls/Ceiling Cavities - | Yes | Assumed | 20 | Ln.Ft. | South Wall Toilets |

Northern Analytical Services

14870 225th Avenue, Big Rapids, MI 49307 - (231) 268-0004 - Fax (866) 214-4739

Customer:

Building:

Address:

Choice Schools Associates
Ivywood Classical Academy South
46250 Ann Arbor Road
Plymouth, MI 48170

Printed:

August 28, 2024

Inspection Report

| <i>Room Number</i> | <i>Material Number</i> | <i>Homogeneous Material Description</i> | <i>Asbestos Detected</i> | <i>Asbestos Type</i> | <i>Quantity</i> | <i>Units</i> | <i>Comments</i> |
|--------------------|------------------------|--|--------------------------|----------------------|-----------------|--------------|-------------------------|
| 109 | 21 | Caulk - On Interior Transom Frame | No | None Detected | 1 | Sq.Ft. | |
| 109 | 22 | Ceramic Tile & Grout - 12in x 12in White Marble Appearance | Yes | Assumed | 170 | Sq.Ft. | |
| 110 | 1 | Floor Tile & Mastic - 12in x 12in Off- White and Grey With Black Specks, Yellow Mastic | No | None Detected | 185 | Sq.Ft. | |
| 110 | 2 | Flooring Layer Assumed Under Surface Layer - | Yes | Assumed | 185 | Sq.Ft. | |
| 110 | 3 | Cove Base - 4in White | No | None Detected | 5 | Sq.Ft. | |
| 110 | 8 | Wood Door - | Yes | Assumed | 1 | Sq.Ft. | Wood With 12in Window |
| 110 | 10 | Drywall & Joint Compound - | No | None Detected | 410 | Sq.Ft. | Walls |
| 110 | 11 | Ceiling Tile - 2ft x 4ft White With Smooth Bumpy Texture | No | None Detected | 185 | Sq.Ft. | |
| 110 | 13 | Caulk - On Exterior Steel Transom Frame | No | None Detected | 1 | Sq.Ft. | |
| 110 | 21 | Caulk - On Interior Transom Frame | No | None Detected | 1 | Sq.Ft. | |
| 110 | 23 | Glue - Assumed Behind Visual Display Board | Yes | Assumed | 80 | Sq.Ft. | North Wall |
| 111 | 2 | Flooring Layer Assumed Under Surface Layer - | Yes | Assumed | 115 | Sq.Ft. | |
| 111 | 7 | Caulk - On Exterior Steel Door Frame | No | None Detected | 1 | Sq.Ft. | |
| 111 | 8 | Wood Door - | Yes | Assumed | 4 | Sq.Ft. | Wood With Large Windows |
| 111 | 10 | Drywall & Joint Compound - | No | None Detected | 300 | Sq.Ft. | Walls and Ceiling |
| 111 | 14 | Caulk - On Interior Steel Door Door Frame | No | None Detected | 1 | Sq.Ft. | |

Northern Analytical Services

14870 225th Avenue, Big Rapids, MI 49307 - (231) 268-0004 - Fax (866) 214-4739

Customer:

Building:

Address:

Choice Schools Associates
Ivywood Classical Academy South
46250 Ann Arbor Road
Plymouth, MI 48170

Printed:

August 28, 2024

Inspection Report

| <i>Room Number</i> | <i>Material Number</i> | <i>Homogeneous Material Description</i> | <i>Asbestos Detected</i> | <i>Asbestos Type</i> | <i>Quantity</i> | <i>Units</i> | <i>Comments</i> |
|--------------------|------------------------|--|--------------------------|----------------------|-----------------|--------------|---------------------------|
| 111 | 22 | Ceramic Tile & Grout - 12in x 12in White Marble Appearance | Yes | Assumed | 120 | Sq.Ft. | Includes Use As Cove Base |
| 112 | 2 | Flooring Layer Assumed Under Surface Layer - | Yes | Assumed | 1400 | Sq.Ft. | |
| 112 | 7 | Caulk - On Exterior Steel Door Frame | No | None Detected | 1 | Sq.Ft. | |
| 112 | 8 | Wood Door - | Yes | Assumed | 1 | Sq.Ft. | Exterior Steel |
| 112 | 8 | Wood Door - | Yes | Assumed | 2 | Sq.Ft. | Wood With 4ft Windows |
| 112 | 10 | Drywall & Joint Compound - | No | None Detected | 5500 | Sq.Ft. | Walls and Ceiling |
| 112 | 14 | Caulk - On Interior Steel Door Door Frame | No | None Detected | 1 | Sq.Ft. | |
| 112 | 16 | Flooring-Carpet Glue - Tan | No | None Detected | 1400 | Sq.Ft. | |
| 113 | 8 | Wood Door - | Yes | Assumed | 3 | Sq.Ft. | Solid Wood |
| 113 | 14 | Caulk - On Interior Steel Door Door Frame | No | None Detected | 1 | Sq.Ft. | |
| 113 | 17 | Cove Base - 4in Black | No | None Detected | 20 | Sq.Ft. | |
| 113 | 27 | Flooring - Rubber Gym Floor With Black Layer - Grey | No | None Detected | 2610 | Sq.Ft. | |
| 113 | 28 | Caulk - On Wood Beams | Yes | Chrysotile | 10 | Sq.Ft. | |
| 113 | 29 | Caulk - On Interior Steel Storefront Frame | Yes | Chrysotile | 1 | Sq.Ft. | |
| 113 | 30 | Glazing - On Interior Steel Storefront Frame | Yes | Chrysotile | 1 | Sq.Ft. | |
| 114 | 2 | Flooring Layer Assumed Under Surface Layer - | Yes | Assumed | 205 | Sq.Ft. | |

Northern Analytical Services

14870 225th Avenue, Big Rapids, MI 49307 - (231) 268-0004 - Fax (866) 214-4739

Customer:

Building:

Address:

Choice Schools Associates
Ivywood Classical Academy South
46250 Ann Arbor Road
Plymouth, MI 48170

Printed:

August 28, 2024

Inspection Report

| <i>Room Number</i> | <i>Material Number</i> | <i>Homogeneous Material Description</i> | <i>Asbestos Detected</i> | <i>Asbestos Type</i> | <i>Quantity</i> | <i>Units</i> | <i>Comments</i> |
|--------------------|------------------------|--|--------------------------|----------------------|-----------------|--------------|-----------------|
| 114 | 8 | Wood Door - | Yes | Assumed | 1 | Sq.Ft. | Solid Wood |
| 114 | 10 | Drywall & Joint Compound - | No | None Detected | 350 | Sq.Ft. | Walls |
| 114 | 11 | Ceiling Tile - 2ft x 4ft White With Smooth Bumpy Texture | No | None Detected | 205 | Sq.Ft. | |
| 114 | 16 | Flooring-Carpet Glue - Tan | No | None Detected | 205 | Sq.Ft. | |
| 114 | 31 | Caulk - On Exterior Wood Window Frame | No | None Detected | 18 | Sq.Ft. | 3ft x 6ft |
| 114 | 32 | Caulk - On Interior Steel Sidelight Frame | No | None Detected | 1 | Sq.Ft. | |
| 114 | 33 | Glazing - On Interior Steel Sidelight Frame | Yes | Chrysotile | 1 | Sq.Ft. | |
| 115 | 2 | Flooring Layer Assumed Under Surface Layer - | Yes | Assumed | 250 | Sq.Ft. | |
| 115 | 8 | Wood Door - | Yes | Assumed | 3 | Sq.Ft. | Solid Wood |
| 115 | 10 | Drywall & Joint Compound - | No | None Detected | 450 | Sq.Ft. | Walls |
| 115 | 11 | Ceiling Tile - 2ft x 4ft White With Smooth Bumpy Texture | No | None Detected | 250 | Sq.Ft. | |
| 115 | 14 | Caulk - On Interior Steel Door Door Frame | No | None Detected | 3 | Sq.Ft. | |
| 115 | 16 | Flooring-Carpet Glue - Tan | No | None Detected | 250 | Sq.Ft. | |
| 115 | 31 | Caulk - On Exterior Wood Window Frame | No | None Detected | 72 | Sq.Ft. | 12ft x 6ft |
| 116 | 8 | Wood Door - | Yes | Assumed | 1 | Sq.Ft. | Solid Wood |
| 116 | 14 | Caulk - On Interior Steel Door Door Frame | No | None Detected | 1 | Sq.Ft. | |

Northern Analytical Services

14870 225th Avenue, Big Rapids, MI 49307 - (231) 268-0004 - Fax (866) 214-4739

Customer:

Building:

Address:

Choice Schools Associates
Ivywood Classical Academy South
46250 Ann Arbor Road
Plymouth, MI 48170

Printed:

August 28, 2024

Inspection Report

| <i>Room Number</i> | <i>Material Number</i> | <i>Homogeneous Material Description</i> | <i>Asbestos Detected</i> | <i>Asbestos Type</i> | <i>Quantity</i> | <i>Units</i> | <i>Comments</i> |
|--------------------|------------------------|--|--------------------------|----------------------|-----------------|--------------|----------------------------|
| 116 | 34 | No Access - | Yes | Assumed | 1 | Each | No Access - Election Room |
| 117 | 2 | Flooring Layer Assumed Under Surface Layer - | Yes | Assumed | 90 | Sq.Ft. | Unknown Tile Found |
| 117 | 7 | Caulk - On Exterior Steel Door Frame | No | None Detected | 1 | Sq.Ft. | |
| 117 | 10 | Drywall & Joint Compound - | No | None Detected | 250 | Sq.Ft. | Walls and Ceiling |
| 117 | 14 | Caulk - On Interior Steel Door Door Frame | No | None Detected | 1 | Sq.Ft. | |
| 117 | 16 | Flooring-Carpet Glue - Tan | No | None Detected | 90 | Sq.Ft. | |
| 117 | 17 | Cove Base - 4in Black | No | None Detected | 5 | Sq.Ft. | |
| Attic | 8 | Wood Door - | Yes | Assumed | 1 | Sq.Ft. | Solid Wood |
| Attic | 10 | Drywall & Joint Compound - | No | None Detected | 1500 | Sq.Ft. | Walls and Ceiling |
| Attic | 14 | Caulk - On Interior Steel Door Door Frame | No | None Detected | 1 | Sq.Ft. | |
| Attic | 15 | Fire Rated Door - | Yes | Assumed | 2 | Each | Solid Wood Laying On Floor |
| Attic | 24 | Stair Tread - Brown | No | None Detected | 140 | Sq.Ft. | |
| Attic | 25 | Caulk - On Old Roof Line | Yes | Chrysotile | 1 | Sq.Ft. | West Wall |
| Attic | 26 | Vibration Dampener Cloth - Black | No | None Detected | 10 | Sq.Ft. | |
| Exterior | 35 | Miscellaneous - Brick and Mortar | No | None Detected | 0 | Sq.Ft. | Not Quantified |
| Exterior | 36 | Vermiculite - Assumed In Exterior Walls | Yes | Assumed | 2480 | Sq.Ft. | Assumed in Exterior Walls |

Northern Analytical Services

14870 225th Avenue, Big Rapids, MI 49307 - (231) 268-0004 - Fax (866) 214-4739

Customer:

Building:

Address:

Choice Schools Associates
Ivywood Classical Academy South
46250 Ann Arbor Road
Plymouth, MI 48170

Printed:

August 28, 2024

Inspection Report

| <i>Room Number</i> | <i>Material Number</i> | <i>Homogeneous Material Description</i> | <i>Asbestos Detected</i> | <i>Asbestos Type</i> | <i>Quantity</i> | <i>Units</i> | <i>Comments</i> |
|--------------------|------------------------|--|--------------------------|----------------------|-----------------|--------------|----------------------------------|
| Exterior | 37 | Roofing - | Yes | Assumed | 20000 | Sq.Ft. | |
| Exterior | 38 | Transite Window Blank - On Exterior Above Doorways | Yes | Assumed | 300 | Sq.Ft. | |
| Exterior | 39 | Transite - Assumed Soffit | Yes | Assumed | 620 | Sq.Ft. | |
| Hall 101 | 1 | Floor Tile & Mastic - 12in x 12in Off- White and Grey With Black Specks, Yellow Mastic | No | None Detected | 150 | Sq.Ft. | |
| Hall 101 | 2 | Flooring Layer Assumed Under Surface Layer - | Yes | Assumed | 150 | Sq.Ft. | |
| Hall 101 | 3 | Cove Base - 4in White | No | None Detected | 5 | Sq.Ft. | |
| Hall 101 | 10 | Drywall & Joint Compound - | No | None Detected | 350 | Sq.Ft. | Walls |
| Hall 101 | 11 | Ceiling Tile - 2ft x 4ft White With Smooth Bumpy Texture | No | None Detected | 150 | Sq.Ft. | |
| Hall 102 | 2 | Flooring Layer Assumed Under Surface Layer - | Yes | Assumed | 180 | Sq.Ft. | |
| Hall 102 | 3 | Cove Base - 4in White | No | None Detected | 10 | Sq.Ft. | |
| Hall 102 | 10 | Drywall & Joint Compound - | No | None Detected | 400 | Sq.Ft. | Walls |
| Hall 102 | 11 | Ceiling Tile - 2ft x 4ft White With Smooth Bumpy Texture | No | None Detected | 180 | Sq.Ft. | |
| Hall 102 | 14 | Caulk - On Interior Steel Door Door Frame | No | None Detected | 1 | Sq.Ft. | |
| Hall 102 | 15 | Fire Rated Door - | Yes | Assumed | 2 | Each | Wood with Tall Pentagonal Window |
| Hall 102 | 16 | Flooring-Carpet Glue - Tan | No | None Detected | 180 | Sq.Ft. | |
| Hall 103 | 2 | Flooring Layer Assumed Under Surface Layer - | Yes | Assumed | 1050 | Sq.Ft. | |

Northern Analytical Services

14870 225th Avenue, Big Rapids, MI 49307 - (231) 268-0004 - Fax (866) 214-4739

Customer:

Building:

Address:

Choice Schools Associates
Ivywood Classical Academy South
46250 Ann Arbor Road
Plymouth, MI 48170

Printed:

August 28, 2024

Inspection Report

| <i>Room Number</i> | <i>Material Number</i> | <i>Homogeneous Material Description</i> | <i>Asbestos Detected</i> | <i>Asbestos Type</i> | <i>Quantity</i> | <i>Units</i> | <i>Comments</i> |
|------------------------|----------------------------|--|------------------------------|----------------------|-----------------|--------------|-----------------------------------|
| Hall 103 | 10 | Drywall & Joint Compound - | No | None Detected | 1500 | Sq.Ft. | Walls |
| Hall 103 | 11 | Ceiling Tile - 2ft x 4ft White With Smooth Bumpy Texture | No | None Detected | 1050 | Sq.Ft. | |
| Hall 103 | 14 | Caulk - On Interior Steel Door Door Frame | No | None Detected | 1 | Sq.Ft. | |
| Hall 103 | 15 | Fire Rated Door - | Yes | Assumed | 2 | Each | Wood With Tall Pentagonal Windows |
| Hall 103 | 15 | Fire Rated Door - | Yes | Assumed | 2 | Each | Wood with Tall Pentagonal Window |
| Hall 103 | 16 | Flooring-Carpet Glue - Tan | No | None Detected | 1050 | Sq.Ft. | |

Sample Location Report

Northern Analytical Services

14870 225th Avenue, Big Rapids, MI 49307 - (231) 268-0004 - Fax (866) 214-4739

Customer:

Building:

Address:

Choice Schools Associates
Ivywood Classical Academy South
46250 Ann Arbor Road
Plymouth, MI 48170

Printed:

August 28, 2024

Sample Location Report

| <i>Sample Number</i> | <i>Material Number</i> | <i>Homogeneous Material Description</i> | <i>Room Number</i> | <i>Sample Location</i> |
|----------------------|------------------------|--|--------------------|-------------------------------|
| 101 | 1 | Floor Tile & Mastic - 12in x 12in Off- White and Grey With Black Specks, Yellow Mastic | 100 | 26ft East of Northwest Corner |
| 102 | 1 | Floor Tile & Mastic - 12in x 12in Off- White and Grey With Black Specks, Yellow Mastic | 106 | Northwest Corner |
| 103 | 1 | Floor Tile & Mastic - 12in x 12in Off- White and Grey With Black Specks, Yellow Mastic | 103 | 4ft North of Southwest Corner |
| 301 | 3 | Cove Base - 4in White | 100 | 2ft East of Northwest Corner |
| 302 | 3 | Cove Base - 4in White | 106 | 10ft East of Northwest Corner |
| 303 | 3 | Cove Base - 4in White | Hall 101 | At Entrance to Room 107 |
| 401 | 4 | Caulk - On Exterior Steel Storefront Frame | 100 | West Side of Frame |
| 402 | 4 | Caulk - On Exterior Steel Storefront Frame | 100 | At Frame |
| 601 | 6 | Glazing - On Exterior Steel Storefront Frame | 100 | West Side of West Pane |
| 602 | 6 | Glazing - On Exterior Steel Storefront Frame | 100 | At Frame |
| 701 | 7 | Caulk - On Exterior Steel Door Frame | 100 | West Side of Frame |
| 702 | 7 | Caulk - On Exterior Steel Door Frame | 111 | North Side of Frame |
| 703 | 7 | Caulk - On Exterior Steel Door Frame | 117 | East Side of Frame |
| 901 | 9 | Miscellaneous - Divider Wall | 100 | 26ft East of Northwest Corner |
| 902 | 9 | Miscellaneous - Divider Wall | 101 | North Corner of Wall |
| 903 | 9 | Miscellaneous - Divider Wall | 102 | South Corner |

Northern Analytical Services

14870 225th Avenue, Big Rapids, MI 49307 - (231) 268-0004 - Fax (866) 214-4739

Customer:

Building:

Address:

Choice Schools Associates
Ivywood Classical Academy South
46250 Ann Arbor Road
Plymouth, MI 48170

Printed:

August 28, 2024

Sample Location Report

| <i>Sample Number</i> | <i>Material Number</i> | <i>Homogeneous Material Description</i> | <i>Room Number</i> | <i>Sample Location</i> |
|----------------------|------------------------|--|--------------------|---|
| 1001 | 10 | Drywall & Joint Compound - | 105 | At Door Frame Damage |
| 1002 | 10 | Drywall & Joint Compound - | 106 | At East Door Damage |
| 1003 | 10 | Drywall & Joint Compound - | Attic | At Damage |
| 1101 | 11 | Ceiling Tile - 2ft x 4ft White With Smooth Bumpy Texture | 100 | 28ft South 8ft East of Northwest Corner |
| 1102 | 11 | Ceiling Tile - 2ft x 4ft White With Smooth Bumpy Texture | 102 | From Loose Tile |
| 1103 | 11 | Ceiling Tile - 2ft x 4ft White With Smooth Bumpy Texture | 108 | 8ft South of Northwest Corner |
| 1201 | 12 | Floor Tile & Mastic - 12in x 12in Tan With Brown Streaks | 100 | 26ft East of Northwest Corner |
| 1202 | 12 | Floor Tile & Mastic - 12in x 12in Tan With Brown Streaks | 105 | In Closet |
| 1301 | 13 | Caulk - On Exterior Steel Transom Frame | 101 | South Side of North Frame |
| 1302 | 13 | Caulk - On Exterior Steel Transom Frame | 101 | At South Frame |
| 1401 | 14 | Caulk - On Interior Steel Door Door Frame | 105 | North Side of Frame |
| 1402 | 14 | Caulk - On Interior Steel Door Door Frame | 111 | North Side of Frame |
| 1403 | 14 | Caulk - On Interior Steel Door Door Frame | 115 | Southeast Door Frame |
| 1601 | 16 | Flooring-Carpet Glue - Tan | 104 | 8ft North of Southwest Corner |
| 1602 | 16 | Flooring-Carpet Glue - Tan | 112 | 25ft West 6ft North of Southeast Corner |
| 1603 | 16 | Flooring-Carpet Glue - Tan | 114 | 6ft East of Northwest Corner |

Northern Analytical Services

14870 225th Avenue, Big Rapids, MI 49307 - (231) 268-0004 - Fax (866) 214-4739

Customer:

Building:

Address:

Choice Schools Associates
Ivywood Classical Academy South
46250 Ann Arbor Road
Plymouth, MI 48170

Printed:

August 28, 2024

Sample Location Report

| <i>Sample Number</i> | <i>Material Number</i> | <i>Homogeneous Material Description</i> | <i>Room Number</i> | <i>Sample Location</i> |
|----------------------|------------------------|---|--------------------|---|
| 1701 | 17 | Cove Base - 4in Black | 104 | North Side of North Frame |
| 1702 | 17 | Cove Base - 4in Black | 113 | West Side of Northeast Frame |
| 1801 | 18 | Sink Undercoating - Black | 104 | Under Sink |
| 1802 | 18 | Sink Undercoating - Black | 104 | Under Sink |
| 2001 | 20 | Drywall - 2ft x 4ft Ceiling Tile | 106 | 16ft South 6ft East of Northwest Corner |
| 2002 | 20 | Drywall - 2ft x 4ft Ceiling Tile | 106 | 16ft South 6ft West of Northeast Corner |
| 2101 | 21 | Caulk - On Interior Transom Frame | 110 | North Side of Frame |
| 2102 | 21 | Caulk - On Interior Transom Frame | 109 | South Side of Frame |
| 2401 | 24 | Stair Tread - Brown | Attic | Top of Stairs |
| 2402 | 24 | Stair Tread - Brown | Attic | Bottom Step |
| 2501 | 25 | Caulk - On Old Roof Line | Attic | At Old Roof Line |
| 2502 | 25 | Caulk - On Old Roof Line | Attic | On Old Roof Line |
| 2601 | 26 | Vibration Dampener Cloth - Black | Attic | Northwest Corner |
| 2602 | 26 | Vibration Dampener Cloth - Black | Attic | South Wall |
| 2603 | 26 | Vibration Dampener Cloth - Black | Attic | Northwest Corner |
| 2701 | 27 | Flooring - Rubber Gym Floor With Black Layer - Grey | 113 | Northwest Corner |

Northern Analytical Services

14870 225th Avenue, Big Rapids, MI 49307 - (231) 268-0004 - Fax (866) 214-4739

Customer:

Building:

Address:

Choice Schools Associates
Ivywood Classical Academy South
46250 Ann Arbor Road
Plymouth, MI 48170

Printed:

August 28, 2024

Sample Location Report

| <i>Sample Number</i> | <i>Material Number</i> | <i>Homogeneous Material Description</i> | <i>Room Number</i> | <i>Sample Location</i> |
|----------------------|------------------------|---|--------------------|-------------------------------------|
| 2702 | 27 | Flooring - Rubber Gym Floor With Black Layer - Grey | 113 | Second East Most Beam On South Wall |
| 2703 | 27 | Flooring - Rubber Gym Floor With Black Layer - Grey | 113 | 3ft West of Southeast Corner |
| 2801 | 28 | Caulk - On Wood Beams | 113 | North Wall |
| 2802 | 28 | Caulk - On Wood Beams | 113 | South Wall |
| 2901 | 29 | Caulk - On Interior Steel Storefront Frame | 113 | West Side of Northwest Frame |
| 2902 | 29 | Caulk - On Interior Steel Storefront Frame | 113 | At Frame |
| 3001 | 30 | Glazing - On Interior Steel Storefront Frame | 113 | East Pane of Northwest Frame |
| 3002 | 30 | Glazing - On Interior Steel Storefront Frame | 113 | At Frame |
| 3101 | 31 | Caulk - On Exterior Wood Window Frame | 114 | Exterior |
| 3102 | 31 | Caulk - On Exterior Wood Window Frame | 115 | Exterior |
| 3103 | 31 | Caulk - On Exterior Wood Window Frame | 115 | Exterior |
| 3201 | 32 | Caulk - On Interior Steel Sidelight Frame | 114 | North Side of Frame |
| 3202 | 32 | Caulk - On Interior Steel Sidelight Frame | 114 | South Side of Frane |
| 3301 | 33 | Glazing - On Interior Steel Sidelight Frame | 114 | Bottom of Pane |
| 3302 | 33 | Glazing - On Interior Steel Sidelight Frame | 114 | Side of Pane |
| 3501 | 35 | Miscellaneous - Brick and Mortar | Exterior | Exterior |

Sample Location Report

| <i>Sample Number</i> | <i>Material Number</i> | <i>Homogeneous Material Description</i> | <i>Room Number</i> | <i>Sample Location</i> |
|--------------------------|----------------------------|---|------------------------|------------------------|
| 3502 | 35 | Miscellaneous - Brick and Mortar | Exterior | Exterior |
| 3503 | 35 | Miscellaneous - Brick and Mortar | Exterior | Exterior |

Response Action Report

Northern Analytical Services

14870 225th Avenue, Big Rapids, MI 49307 - (231) 268-0004 - Fax (866) 214-4739

LEA:
Building:
Building No.:
Address:

Choice Schools Associates
Ivywood Classical Academy South
2
46250 Ann Arbor Road
Plymouth, MI 48170

Response Action Report

Printed:

August 28, 2024

| <i>Room Number</i> | <i>Material Number</i> | <i>Homogeneous Material Description</i> | <i>Quantity</i> | <i>Units</i> | <i>Comments</i> | <i>Response Action (AHERA Ranking)</i> |
|--------------------|------------------------|--|-----------------|--------------|---------------------------------------|--|
| 100 | 2 | Flooring Layer Assumed Under Surface Layer - | 2100 | Sq.Ft. | | maintain with O&M plan. (7) |
| 100 | 5 | Transite Window Blank - | 8 | Sq.Ft. | 2ft x 4ft Assumed In Storefront Frame | maintain with O&M plan. (7) |
| 100 | 8 | Wood Door - | 4 | Sq.Ft. | Exterior Wood Door With 2 Windows | maintain with O&M plan. (7) |
| 100 | 12 | Floor Tile & Mastic - 12in x 12in Tan With Brown Streaks | 50 | Sq.Ft. | North Wall Under Divider Wall | maintain with O&M plan. (7) |
| 101 | 2 | Flooring Layer Assumed Under Surface Layer - | 815 | Sq.Ft. | | maintain with O&M plan. (7) |
| 101 | 8 | Wood Door - | 2 | Sq.Ft. | Exterior Steel Door Wide | maintain with O&M plan. (7) |
| 102 | 2 | Flooring Layer Assumed Under Surface Layer - | 600 | Sq.Ft. | | maintain with O&M plan. (7) |
| 102 | 8 | Wood Door - | 1 | Sq.Ft. | Exterior Steel Door Wide | maintain with O&M plan. (7) |
| 103 | 2 | Flooring Layer Assumed Under Surface Layer - | 150 | Sq.Ft. | | maintain with O&M plan. (7) |
| 103 | 8 | Wood Door - | 1 | Sq.Ft. | Solid Wood with Window | maintain with O&M plan. (7) |
| 103 | 15 | Fire Rated Door - | 1 | Each | Solid Steel | maintain with O&M plan. (7) |
| 104 | 2 | Flooring Layer Assumed Under Surface Layer - | 650 | Sq.Ft. | | maintain with O&M plan. (7) |
| 104 | 15 | Fire Rated Door - | 2 | Each | Wood With Tall Pentagonal Windows | maintain with O&M plan. (7) |
| 105 | 2 | Flooring Layer Assumed Under Surface Layer - | 160 | Sq.Ft. | Tile Found | maintain with O&M plan. (7) |
| 105 | 12 | Floor Tile & Mastic - 12in x 12in Tan With Brown Streaks | 15 | Sq.Ft. | In Closet | maintain with O&M plan. (7) |
| 106 | 2 | Flooring Layer Assumed Under Surface Layer - | 560 | Sq.Ft. | | maintain with O&M plan. (7) |

Northern Analytical Services

14870 225th Avenue, Big Rapids, MI 49307 - (231) 268-0004 - Fax (866) 214-4739

LEA:
Building:
Building No.:
Address:

Choice Schools Associates
Ivywood Classical Academy South
2
46250 Ann Arbor Road
Plymouth, MI 48170

Response Action Report

Printed:

August 28, 2024

| <i>Room Number</i> | <i>Material Number</i> | <i>Homogeneous Material Description</i> | <i>Quantity</i> | <i>Units</i> | <i>Comments</i> | <i>Response Action (AHERA Ranking)</i> |
|--------------------|------------------------|--|-----------------|--------------|------------------------|--|
| 106 | 8 | Wood Door - | 2 | Sq.Ft. | Solid Wood | maintain with O&M plan. (7) |
| 106 | 19 | Pipe Insulation-Assumed in Walls/Ceiling Cavities - | 5 | Ln.Ft. | East Wall | maintain with O&M plan. (7) |
| 107 | 2 | Flooring Layer Assumed Under Surface Layer - | 550 | Sq.Ft. | | maintain with O&M plan. (7) |
| 107 | 8 | Wood Door - | 1 | Sq.Ft. | Exterior Steel | maintain with O&M plan. (7) |
| 107 | 8 | Wood Door - | 2 | Sq.Ft. | Wood With 12in Windows | maintain with O&M plan. (7) |
| 108 | 2 | Flooring Layer Assumed Under Surface Layer - | 170 | Sq.Ft. | | maintain with O&M plan. (7) |
| 108 | 8 | Wood Door - | 1 | Sq.Ft. | Solid Wood | maintain with O&M plan. (7) |
| 108 | 19 | Pipe Insulation-Assumed in Walls/Ceiling Cavities - | 15 | Ln.Ft. | South Wall Sinks | maintain with O&M plan. (7) |
| 108 | 19 | Pipe Insulation-Assumed in Walls/Ceiling Cavities - | 20 | Ln.Ft. | North Wall Toilets | maintain with O&M plan. (7) |
| 108 | 22 | Ceramic Tile & Grout - 12in x 12in White Marble Appearance | 170 | Sq.Ft. | | maintain with O&M plan. (7) |
| 109 | 2 | Flooring Layer Assumed Under Surface Layer - | 170 | Sq.Ft. | | maintain with O&M plan. (7) |
| 109 | 8 | Wood Door - | 1 | Sq.Ft. | Solid Wood | maintain with O&M plan. (7) |
| 109 | 19 | Pipe Insulation-Assumed in Walls/Ceiling Cavities - | 10 | Ln.Ft. | North Wall Sinks | maintain with O&M plan. (7) |
| 109 | 19 | Pipe Insulation-Assumed in Walls/Ceiling Cavities - | 20 | Ln.Ft. | South Wall Toilets | maintain with O&M plan. (7) |
| 109 | 22 | Ceramic Tile & Grout - 12in x 12in White Marble Appearance | 170 | Sq.Ft. | | maintain with O&M plan. (7) |
| 110 | 2 | Flooring Layer Assumed Under Surface Layer - | 185 | Sq.Ft. | | maintain with O&M plan. (7) |

Northern Analytical Services

14870 225th Avenue, Big Rapids, MI 49307 - (231) 268-0004 - Fax (866) 214-4739

LEA:
Building:
Building No.:
Address:

Choice Schools Associates
Ivywood Classical Academy South
2
46250 Ann Arbor Road
Plymouth, MI 48170

Response Action Report

Printed:

August 28, 2024

| <i>Room Number</i> | <i>Material Number</i> | <i>Homogeneous Material Description</i> | <i>Quantity</i> | <i>Units</i> | <i>Comments</i> | <i>Response Action (AHERA Ranking)</i> |
|--------------------|------------------------|--|-----------------|--------------|---------------------------|--|
| 110 | 8 | Wood Door - | 1 | Sq.Ft. | Wood With 12in Window | maintain with O&M plan. (7) |
| 110 | 23 | Glue - Assumed Behind Visual Display Board | 80 | Sq.Ft. | North Wall | maintain with O&M plan. (7) |
| 111 | 2 | Flooring Layer Assumed Under Surface Layer - | 115 | Sq.Ft. | | maintain with O&M plan. (7) |
| 111 | 8 | Wood Door - | 4 | Sq.Ft. | Wood With Large Windows | maintain with O&M plan. (7) |
| 111 | 22 | Ceramic Tile & Grout - 12in x 12in White Marble Appearance | 120 | Sq.Ft. | Includes Use As Cove Base | maintain with O&M plan. (7) |
| 112 | 2 | Flooring Layer Assumed Under Surface Layer - | 1400 | Sq.Ft. | | maintain with O&M plan. (7) |
| 112 | 8 | Wood Door - | 1 | Sq.Ft. | Exterior Steel | maintain with O&M plan. (7) |
| 112 | 8 | Wood Door - | 2 | Sq.Ft. | Wood With 4ft Windows | maintain with O&M plan. (7) |
| 113 | 8 | Wood Door - | 3 | Sq.Ft. | Solid Wood | maintain with O&M plan. (7) |
| 113 | 28 | Caulk - On Wood Beams | 10 | Sq.Ft. | | maintain with O&M plan. (7) |
| 113 | 29 | Caulk - On Interior Steel Storefront Frame | 1 | Sq.Ft. | | maintain with O&M plan. (7) |
| 113 | 30 | Glazing - On Interior Steel Storefront Frame | 1 | Sq.Ft. | | maintain with O&M plan. (7) |
| 114 | 2 | Flooring Layer Assumed Under Surface Layer - | 205 | Sq.Ft. | | maintain with O&M plan. (7) |
| 114 | 8 | Wood Door - | 1 | Sq.Ft. | Solid Wood | maintain with O&M plan. (7) |
| 114 | 33 | Glazing - On Interior Steel Sidelight Frame | 1 | Sq.Ft. | | maintain with O&M plan. (7) |
| 115 | 2 | Flooring Layer Assumed Under Surface Layer - | 250 | Sq.Ft. | | maintain with O&M plan. (7) |

Northern Analytical Services

14870 225th Avenue, Big Rapids, MI 49307 - (231) 268-0004 - Fax (866) 214-4739

LEA:
Building:
Building No.:
Address:

Choice Schools Associates
Ivywood Classical Academy South
2
46250 Ann Arbor Road
Plymouth, MI 48170

Response Action Report

Printed:

August 28, 2024

| <i>Room Number</i> | <i>Material Number</i> | <i>Homogeneous Material Description</i> | <i>Quantity</i> | <i>Units</i> | <i>Comments</i> | <i>Response Action (AHERA Ranking)</i> |
|--------------------|------------------------|--|-----------------|--------------|-----------------------------------|--|
| 115 | 8 | Wood Door - | 3 | Sq.Ft. | Solid Wood | maintain with O&M plan. (7) |
| 116 | 8 | Wood Door - | 1 | Sq.Ft. | Solid Wood | maintain with O&M plan. (7) |
| 116 | 34 | No Access - | 1 | Each | No Access - Election Room | maintain with O&M plan. (7) |
| 117 | 2 | Flooring Layer Assumed Under Surface Layer - | 90 | Sq.Ft. | Unknown Tile Found | maintain with O&M plan. (7) |
| Attic | 8 | Wood Door - | 1 | Sq.Ft. | Solid Wood | maintain with O&M plan. (7) |
| Attic | 15 | Fire Rated Door - | 2 | Each | Solid Wood Laying On Floor | maintain with O&M plan. (7) |
| Attic | 25 | Caulk - On Old Roof Line | 1 | Sq.Ft. | West Wall | maintain with O&M plan. (7) |
| Exterior | 36 | Vermiculite - Assumed In Exterior Walls | 2480 | Sq.Ft. | Assumed in Exterior Walls | maintain with O&M plan. (7) |
| Exterior | 37 | Roofing - | 20000 | Sq.Ft. | | maintain with O&M plan. (7) |
| Exterior | 38 | Transite Window Blank - On Exterior Above Doorways | 300 | Sq.Ft. | | maintain with O&M plan. (7) |
| Exterior | 39 | Transite - Assumed Soffit | 620 | Sq.Ft. | | maintain with O&M plan. (7) |
| Hall 101 | 2 | Flooring Layer Assumed Under Surface Layer - | 150 | Sq.Ft. | | maintain with O&M plan. (7) |
| Hall 102 | 2 | Flooring Layer Assumed Under Surface Layer - | 180 | Sq.Ft. | | maintain with O&M plan. (7) |
| Hall 102 | 15 | Fire Rated Door - | 2 | Each | Wood with Tall Pentagonal Window | maintain with O&M plan. (7) |
| Hall 103 | 2 | Flooring Layer Assumed Under Surface Layer - | 1050 | Sq.Ft. | | maintain with O&M plan. (7) |
| Hall 103 | 15 | Fire Rated Door - | 2 | Each | Wood With Tall Pentagonal Windows | maintain with O&M plan. (7) |

Northern Analytical Services

14870 225th Avenue, Big Rapids, MI 49307 - (231) 268-0004 - Fax (866) 214-4739

LEA:
Building:
Building No.:
Address:

Choice Schools Associates
Ivywood Classical Academy South
2
46250 Ann Arbor Road
Plymouth, MI 48170

Response Action Report

Printed: August 28, 2024

| <i>Room Number</i> | <i>Material Number</i> | <i>Homogeneous Material Description</i> | <i>Quantity</i> | <i>Units</i> | <i>Comments</i> | <i>Response Action (AHERA Ranking)</i> |
|--------------------|----------------------------|---|-----------------|--------------|----------------------------------|--|
| Hall 103 | 15 | Fire Rated Door - | 2 | Each | Wood with Tall Pentagonal Window | maintain with O&M plan. (7) |

Estimated Abatement Costs

Northern Analytical Services

14870 225th Avenue, Big Rapids, MI 49307 - (231) 268-0004 - Fax (866) 214-4739

Customer:

Building:

Address:

Choice Schools Associates
Ivywood Classical Academy South
46250 Ann Arbor Road
Plymouth, MI 48170

Printed:

August 28, 2024

Asbestos Liability Report

| <i>Material Number</i> | <i>Homogeneous Material Description</i> | <i>Asbestos Detected</i> | <i>Abatement Rate</i> | <i>Abatement Cost</i> | <i>Total Asbestos Liability for Building</i> |
|------------------------|--|--------------------------|-----------------------|-----------------------|--|
| 2 | Flooring Layer Assumed Under Surface Layer - | Yes - 9550 Sq.Ft. | \$6.00 | \$57,300.00 | \$306,045.00 |
| 5 | Transite Window Blank - | Yes - 8 Sq.Ft. | \$20.00 | \$160.00 | |
| 8 | Wood Door - | Yes - 32 Sq.Ft. | \$150.00 | \$4,800.00 | |
| 12 | Floor Tile & Mastic - 12in x 12in Tan With Brown Streaks | Yes - 65 Sq.Ft. | \$6.00 | \$390.00 | |
| 15 | Fire Rated Door - | Yes - 11 Each | \$150.00 | \$1,650.00 | |
| 19 | Pipe Insulation-Assumed in Walls/Ceiling Cavities - | Yes - 70 Ln.Ft. | \$40.00 | \$2,800.00 | |
| 22 | Ceramic Tile & Grout - 12in x 12in White Marble Appearance | Yes - 460 Sq.Ft. | \$6.00 | \$2,760.00 | |
| 23 | Glue - Assumed Behind Visual Display Board | Yes - 80 Sq.Ft. | \$5.00 | \$400.00 | |
| 25 | Caulk - On Old Roof Line | Yes - 1 Sq.Ft. | \$100.00 | \$100.00 | |
| 28 | Caulk - On Wood Beams | Yes - 10 Sq.Ft. | \$10.00 | \$100.00 | |
| 29 | Caulk - On Interior Steel Storefront Frame | Yes - 1 Sq.Ft. | \$10.00 | \$10.00 | |
| 30 | Glazing - On Interior Steel Storefront Frame | Yes - 1 Sq.Ft. | \$25.00 | \$25.00 | |
| 33 | Glazing - On Interior Steel Sidelight Frame | Yes - 1 Sq.Ft. | \$50.00 | \$50.00 | |
| 34 | No Access - | Yes - 1 Each | \$0.00 | \$0.00 | |
| 36 | Vermiculite - Assumed In Exterior Walls | Yes - 2480 Sq.Ft. | \$10.00 | \$24,800.00 | |
| 37 | Roofing - | Yes - 20000 Sq.Ft. | \$10.00 | \$200,000.00 | |

Northern Analytical Services

14870 225th Avenue, Big Rapids, MI 49307 - (231) 268-0004 - Fax (866) 214-4739

Customer:
Building:
Address:

Choice Schools Associates
Ivywood Classical Academy South
46250 Ann Arbor Road
Plymouth, MI 48170

Printed: August 28, 2024

Asbestos Liability Report

| <i>Material Number</i> | <i>Homogeneous Material Description</i> | <i>Asbestos Detected</i> | <i>Abatement Rate</i> | <i>Abatement Cost</i> | <i>Total Asbestos Liability for Building</i> |
|----------------------------|--|------------------------------|---------------------------|---------------------------|--|
| 38 | Transite Window Blank - On Exterior Above Doorways | Yes - 300 Sq.Ft. | \$15.00 | \$4,500.00 | |
| 39 | Transite - Assumed Soffit | Yes - 620 Sq.Ft. | \$10.00 | \$6,200.00 | |

Laboratory Report



The Identification Specialists

Analysis Report
prepared for
Northern Analytical Services, LLC

Report Date: 8/28/2024

Project Name: Risen Church

Project #: 240153

SanAir ID#: 24048578



NVLAP LAB CODE 600227-0

11709 Chesterdale Road | Cincinnati, Ohio 45246
888.895.1177 | 513.438.6006 | IAQ@SanAir.com | SanAir.com



SanAir ID Number

24048578

FINAL REPORT

8/28/2024 1:29:56 PM

Name: Northern Analytical Services, LLC
Address: 14870 225th Avenue
Big Rapids, MI 49307
Phone: 231-679-0005

Project Number: 240153
P.O. Number:
Project Name: Risen Church
Collected Date: 8/20/2024
Received Date: 8/27/2024 9:40:00 AM

Dear Josh Christie,

We at SanAir would like to thank you for the work you recently submitted. The 66 sample(s) were received on Tuesday, August 27, 2024 via UPS. The final report(s) is enclosed for the following sample(s): 101, 102, 103, 301, 302, 303, 401, 402, 601, 602, 701, 702, 703, 1001, 1002, 1003, 1101, 1102, 1103, 901, 902, 903, 1201, 1202, 1301, 1302, 1401, 1402, 1403, 1601, 1602, 1603, 1701, 1702, 1801, 1802, 2001, 2002, 2101, 2102, 2401, 2402, 2501, 2502, 2601, 2602, 2603, 2701, 2702, 2703, 2801, 2802, 2901, 2902, 3001, 3002, 3101, 3102, 3103, 3201, 3202, 3301, 3302, 3501, 3502, 3503.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

A handwritten signature in black ink that reads "Maureen Y. Haley". The signature is fluid and cursive.

Maureen Y. Haley
Asbestos Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:

- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

Sample conditions:

- 66 samples in Good condition.



SanAir ID Number

24048578

FINAL REPORT

8/28/2024 1:29:56 PM

Name: Northern Analytical Services, LLC
Address: 14870 225th Avenue
Big Rapids, MI 49307
Phone: 231-679-0005

Project Number: 240153
P.O. Number:
Project Name: Risen Church
Collected Date: 8/20/2024
Received Date: 8/27/2024 9:40:00 AM

Analyst: Pinkerton, Sid

Asbestos Bulk PLM EPA 600/R-93/116

| SanAir ID / Description | Stereoscopic | Components | | Asbestos Fibers |
|---|---|------------|---------------|-----------------|
| | Appearance | % Fibrous | % Non-fibrous | |
| 101 / 24048578-001 Floor Tile & Mastic, Floor Tile | White Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 101 / 24048578-001 Floor Tile & Mastic, Mastic | Yellow Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 102 / 24048578-002 Floor Tile & Mastic, Floor Tile | White Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 102 / 24048578-002 Floor Tile & Mastic, Mastic | Yellow Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 103 / 24048578-003 Floor Tile & Mastic, Floor Tile | White Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 103 / 24048578-003 Floor Tile & Mastic, Mastic | Yellow Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 301 / 24048578-004 Cove Base, Cove Base | Tan Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 301 / 24048578-004 Cove Base, Mastic | Various Non-Fibrous Heterogeneous | | 100% Other | None Detected |
| 302 / 24048578-005 Cove Base, Cove Base | Tan Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 302 / 24048578-005 Cove Base, Mastic | Various Non-Fibrous Heterogeneous | | 100% Other | None Detected |

Analyst: 

Approved Signatory: 

Analysis Date: 8/28/2024

Date: 8/28/2024



SanAir ID Number

24048578

FINAL REPORT

8/28/2024 1:29:56 PM

Name: Northern Analytical Services, LLC
Address: 14870 225th Avenue
Big Rapids, MI 49307
Phone: 231-679-0005

Project Number: 240153
P.O. Number:
Project Name: Risen Church
Collected Date: 8/20/2024
Received Date: 8/27/2024 9:40:00 AM

Analyst: Pinkerton, Sid

Asbestos Bulk PLM EPA 600/R-93/116

| SanAir ID / Description | Stereoscopic | Components | | Asbestos Fibers |
|---|---|--------------|---------------|-----------------|
| | Appearance | % Fibrous | % Non-fibrous | |
| 303 / 24048578-006 Cove Base, Cove Base | Tan Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 303 / 24048578-006 Cove Base, Mastic | Various Non-Fibrous Heterogeneous | | 100% Other | None Detected |
| 401 / 24048578-007 Caulk | Tan Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 402 / 24048578-008 Caulk | Tan Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 601 / 24048578-009 Glazing | Grey Non-Fibrous Homogeneous | 3% Cellulose | 97% Other | None Detected |
| 602 / 24048578-010 Glazing | Grey Non-Fibrous Homogeneous | 3% Cellulose | 97% Other | None Detected |
| 701 / 24048578-011 Caulk | Tan Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 702 / 24048578-012 Caulk | Brown Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 703 / 24048578-013 Caulk | Brown Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 1001 / 24048578-014 Drywall & Joint Compound, Drywall | White Non-Fibrous Homogeneous | 5% Cellulose | 95% Other | None Detected |

Analyst: 

Approved Signatory: 

Analysis Date: 8/28/2024

Date: 8/28/2024



SanAir ID Number

24048578

FINAL REPORT

8/28/2024 1:29:56 PM

Name: Northern Analytical Services, LLC
Address: 14870 225th Avenue
Big Rapids, MI 49307
Phone: 231-679-0005

Project Number: 240153
P.O. Number:
Project Name: Risen Church
Collected Date: 8/20/2024
Received Date: 8/27/2024 9:40:00 AM

Analyst: Pinkerton, Sid

Asbestos Bulk PLM EPA 600/R-93/116

| SanAir ID / Description | Stereoscopic | Components | | Asbestos Fibers |
|---|-------------------------------------|--------------------------------|---------------|-----------------|
| | Appearance | % Fibrous | % Non-fibrous | |
| 1001 / 24048578-014 Drywall & Joint Compound, Joint Compound | White Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 1002 / 24048578-015 Drywall & Joint Compound, Drywall | White Non-Fibrous Homogeneous | 5% Cellulose | 95% Other | None Detected |
| 1002 / 24048578-015 Drywall & Joint Compound, Joint Compound | White Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 1003 / 24048578-016 Drywall & Joint Compound, Drywall | White Non-Fibrous Homogeneous | 5% Cellulose | 95% Other | None Detected |
| 1003 / 24048578-016 Drywall & Joint Compound, Joint Compound | White Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 1101 / 24048578-017 Ceiling Tile | Tan Fibrous Homogeneous | 15% Min. Wool 40% Cellulose | 45% Other | None Detected |
| 1102 / 24048578-018 Ceiling Tile | Tan Fibrous Homogeneous | 15% Min. Wool 40% Cellulose | 45% Other | None Detected |
| 1103 / 24048578-019 Ceiling Tile | Tan Fibrous Homogeneous | 15% Min. Wool 40% Cellulose | 45% Other | None Detected |
| 901 / 24048578-020 Divider Wall | Grey Fibrous Homogeneous | 90% Cellulose | 10% Other | None Detected |
| 902 / 24048578-021 Divider Wall | Grey Fibrous Homogeneous | 90% Cellulose | 10% Other | None Detected |

Analyst:

Approved Signatory:

Analysis Date: 8/28/2024

Date: 8/28/2024



SanAir ID Number

24048578

FINAL REPORT

8/28/2024 1:29:56 PM

Name: Northern Analytical Services, LLC
Address: 14870 225th Avenue
Big Rapids, MI 49307
Phone: 231-679-0005

Project Number: 240153
P.O. Number:
Project Name: Risen Church
Collected Date: 8/20/2024
Received Date: 8/27/2024 9:40:00 AM

Analyst: Pinkerton, Sid

Asbestos Bulk PLM EPA 600/R-93/116

| SanAir ID / Description | Stereoscopic | Components | | Asbestos Fibers |
|--|--------------------------------------|---------------|---------------|-----------------|
| | Appearance | % Fibrous | % Non-fibrous | |
| 903 / 24048578-022 Divider Wall | Grey Fibrous Homogeneous | 90% Cellulose | 10% Other | None Detected |
| 1201 / 24048578-023 Floor Tile & Mastic, Floor Tile | Tan Non-Fibrous Homogeneous | | 98% Other | 2% Chrysotile |
| 1201 / 24048578-023 Floor Tile & Mastic, Mastic | Yellow Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 1202 / 24048578-024 Floor Tile & Mastic, Floor Tile | | | | Not Analyzed |
| 1202 / 24048578-024 Floor Tile & Mastic, Mastic | Black Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 1301 / 24048578-025 Caulk | Black Non-Fibrous Homogeneous | 5% Cellulose | 95% Other | None Detected |
| 1302 / 24048578-026 Caulk | Black Non-Fibrous Homogeneous | 5% Cellulose | 95% Other | None Detected |
| 1401 / 24048578-027 Caulk | White Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 1402 / 24048578-028 Caulk | White Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 1403 / 24048578-029 Caulk | White Non-Fibrous Homogeneous | | 100% Other | None Detected |

Analyst:

Approved Signatory:

Analysis Date: 8/28/2024

Date: 8/28/2024



SanAir ID Number

24048578

FINAL REPORT

8/28/2024 1:29:56 PM

Name: Northern Analytical Services, LLC
Address: 14870 225th Avenue
Big Rapids, MI 49307
Phone: 231-679-0005

Project Number: 240153
P.O. Number:
Project Name: Risen Church
Collected Date: 8/20/2024
Received Date: 8/27/2024 9:40:00 AM

Analyst: Pinkerton, Sid

Asbestos Bulk PLM EPA 600/R-93/116

| SanAir ID / Description | Stereoscopic | Components | | Asbestos Fibers |
|---|-------------------------------------|----------------|---------------|-----------------|
| | Appearance | % Fibrous | % Non-fibrous | |
| 1601 / 24048578-030 Carpet Glue, Carpet | Various Fibrous Homogeneous | 100% Synthetic | | None Detected |
| 1601 / 24048578-030 Carpet Glue, Mastic | Tan Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 1602 / 24048578-031 Carpet Glue | Tan Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 1603 / 24048578-032 Carpet Glue | Tan Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 1701 / 24048578-033 Cove Base, Cove Base | Black Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 1701 / 24048578-033 Cove Base, Mastic | Tan Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 1702 / 24048578-034 Cove Base, Cove Base | Black Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 1702 / 24048578-034 Cove Base, Mastic | Tan Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 1801 / 24048578-035 Sink Undercoating | Black Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 1802 / 24048578-036 Sink Undercoating | Black Non-Fibrous Homogeneous | | 100% Other | None Detected |

Analyst:

Approved Signatory:

Analysis Date: 8/28/2024

Date: 8/28/2024



SanAir ID Number

24048578

FINAL REPORT

8/28/2024 1:29:56 PM

Name: Northern Analytical Services, LLC
Address: 14870 225th Avenue
Big Rapids, MI 49307
Phone: 231-679-0005

Project Number: 240153
P.O. Number:
Project Name: Risen Church
Collected Date: 8/20/2024
Received Date: 8/27/2024 9:40:00 AM

Analyst: Pinkerton, Sid

Asbestos Bulk PLM EPA 600/R-93/116

| SanAir ID / Description | Stereoscopic | Components | | Asbestos Fibers |
|---|-------------------------------------|--------------|---------------|-----------------|
| | Appearance | % Fibrous | % Non-fibrous | |
| 2001 / 24048578-037 Drywall | White Non-Fibrous Homogeneous | 5% Cellulose | 95% Other | None Detected |
| 2002 / 24048578-038 Drywall | White Non-Fibrous Homogeneous | 5% Cellulose | 95% Other | None Detected |
| 2101 / 24048578-039 Caulk | White Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 2102 / 24048578-040 Caulk | White Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 2401 / 24048578-041 Stair Tread | Brown Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 2402 / 24048578-042 Stair Tread | Brown Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 2501 / 24048578-043 Caulk | Tan Non-Fibrous Homogeneous | | 97% Other | 3% Chrysotile |
| 2502 / 24048578-044 Caulk | | | | Not Analyzed |
| 2601 / 24048578-045 Vibration Dampener Cloth | Black Non-Fibrous Homogeneous | 5% Synthetic | 95% Other | None Detected |
| 2602 / 24048578-046 Vibration Dampener Cloth | Black Non-Fibrous Homogeneous | 5% Synthetic | 95% Other | None Detected |

Analyst:

Approved Signatory:

Analysis Date: 8/28/2024

Date: 8/28/2024



SanAir ID Number

24048578

FINAL REPORT

8/28/2024 1:29:56 PM

Name: Northern Analytical Services, LLC
Address: 14870 225th Avenue
Big Rapids, MI 49307
Phone: 231-679-0005

Project Number: 240153
P.O. Number:
Project Name: Risen Church
Collected Date: 8/20/2024
Received Date: 8/27/2024 9:40:00 AM

Analyst: Pinkerton, Sid

Asbestos Bulk PLM EPA 600/R-93/116

| SanAir ID / Description | Stereoscopic | Components | | Asbestos Fibers |
|---|---------------------------------------|--------------|---------------|-----------------|
| | Appearance | % Fibrous | % Non-fibrous | |
| 2603 / 24048578-047 Vibration Dampener Cloth | Black Non-Fibrous Homogeneous | 5% Synthetic | 95% Other | None Detected |
| 2701 / 24048578-048 Rubber Flooring | Various Non-Fibrous Homogeneous | 5% Cellulose | 95% Other | None Detected |
| 2702 / 24048578-049 Rubber Flooring | Various Non-Fibrous Homogeneous | 5% Cellulose | 95% Other | None Detected |
| 2703 / 24048578-050 Rubber Flooring | Various Non-Fibrous Homogeneous | 5% Cellulose | 95% Other | None Detected |
| 2801 / 24048578-051 Caulk | Tan Non-Fibrous Homogeneous | | 97% Other | 3% Chrysotile |
| 2802 / 24048578-052 Caulk | | | | Not Analyzed |
| 2901 / 24048578-053 Caulk | Tan Non-Fibrous Homogeneous | | 98% Other | 2% Chrysotile |
| 2902 / 24048578-054 Caulk | | | | Not Analyzed |
| 3001 / 24048578-055 Glazing | Tan Non-Fibrous Homogeneous | | 100% Other | < 1% Chrysotile |
| 3002 / 24048578-056 Glazing | Tan Non-Fibrous Homogeneous | | 100% Other | < 1% Chrysotile |

Analyst:

Approved Signatory:

Analysis Date: 8/28/2024

Date: 8/28/2024



SanAir ID Number

24048578

FINAL REPORT

8/28/2024 1:29:56 PM

Name: Northern Analytical Services, LLC
Address: 14870 225th Avenue
Big Rapids, MI 49307
Phone: 231-679-0005

Project Number: 240153
P.O. Number:
Project Name: Risen Church
Collected Date: 8/20/2024
Received Date: 8/27/2024 9:40:00 AM

Analyst: Pinkerton, Sid

Asbestos Bulk PLM EPA 600/R-93/116

| SanAir ID / Description | Stereoscopic | Components | | Asbestos Fibers |
|---|-------------------------------------|------------|---------------|-----------------|
| | Appearance | % Fibrous | % Non-fibrous | |
| 3101 / 24048578-057 Caulk | Black Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 3102 / 24048578-058 Caulk | Black Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 3103 / 24048578-059 Caulk | Black Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 3201 / 24048578-060 Caulk | White Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 3202 / 24048578-061 Caulk | White Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 3301 / 24048578-062 Glazing | Tan Non-Fibrous Homogeneous | | 97% Other | 3% Chrysotile |
| 3302 / 24048578-063 Glazing | | | | Not Analyzed |
| 3501 / 24048578-064 Brick & Mortar, Brick | Red Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 3501 / 24048578-064 Brick & Mortar, Mortar | Tan Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 3502 / 24048578-065 Brick & Mortar, Brick | Red Non-Fibrous Homogeneous | | 100% Other | None Detected |

Analyst: *Sidney Pinkerton*

Approved Signatory: *Jonathan Wilson*

Analysis Date: 8/28/2024

Date: 8/28/2024



SanAir ID Number

24048578

FINAL REPORT

8/28/2024 1:29:56 PM

Name: Northern Analytical Services, LLC
Address: 14870 225th Avenue
Big Rapids, MI 49307
Phone: 231-679-0005

Project Number: 240153
P.O. Number:
Project Name: Risen Church
Collected Date: 8/20/2024
Received Date: 8/27/2024 9:40:00 AM

Analyst: Pinkerton, Sid

Asbestos Bulk PLM EPA 600/R-93/116

| SanAir ID / Description | Stereoscopic | Components | | Asbestos Fibers |
|---|------------------------------------|------------|---------------|-----------------|
| | Appearance | % Fibrous | % Non-fibrous | |
| 3502 / 24048578-065 Brick & Mortar, Mortar | Tan Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 3503 / 24048578-066 Brick & Mortar, Brick | Red Non-Fibrous Homogeneous | | 100% Other | None Detected |
| 3503 / 24048578-066 Brick & Mortar, Mortar | Grey Non-Fibrous Homogeneous | | 100% Other | None Detected |

Analyst:

Approved Signatory:

Analysis Date: 8/28/2024

Date: 8/28/2024

Disclaimer and Additional Information

This report is the sole property of the client named on the SanAir Technologies Laboratory, Inc. (SanAir) chain-of-custody (COC). Results in the report are confidential information intended only for the use by the client named on the COC. Neither results nor reports will be discussed with or released to any third party without our client's written permission to maintain client confidentiality. The final report cannot be reproduced, except in full, without written authorization from SanAir to assure that parts of the report are not taken out of context. This report and any information contained within shall not be edited, altered, or modified in any way by any persons or agencies receiving, viewing, distributing, or otherwise possessing a copy of this final report. The laboratory reserves the right to perform amendments to any finalized report, of which shall supersede and make obsolete any previous editions. Such changes, modifications, additions, or deletions shall be effective immediately upon notice thereof, which may be given by means including, but not limited to, posting on the SanAir client portal website, electronic or conventional mail, or by any other means. The information provided in this report applies only to the samples submitted in the condition they were received at the laboratory and is relevant only for the date, time, and location of sampling. Samples were received in good condition unless otherwise noted on the report. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client on the COC, which includes the project name, project number, P.O. number, sample collection dates, special instructions, samples collected by, sample numbers, sample identifications/location, sample type, selected analysis type, and total area or volume that may affect the validity of the results. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. SanAir assumes no responsibility or liability for the manner in which results are used or interpreted. This report does not constitute and shall not be used to claim product, process, system, or person certification, approval, or endorsement by NVLAP, NIST, NELAC, AIHA LAP, LLC or any other agency of the U.S. government; all or some tests contained in this report may not be accredited by every local, state, and federal regulatory agency. Refer to the SanAir website at www.sanair.com for copies of current certificates and scopes of various accreditations, certifications, and licenses or contact the laboratory at iaq@sanair.com for inquiries regarding the status or scope of an accreditation or certification.

Fibers smaller than 5-microns cannot be seen with this method due to scope limitations. Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing. Samples are held for a period of 60 days.

Asbestos Accreditations, Certifications, and Licenses

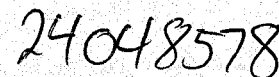
National Voluntary Laboratory Accreditation Program (NVLAP) Lab Code 600227-0

State of Connecticut Department of Public Health Registration Number: PH-0817

State of Rhode Island Department of Health, Certification Number: PLM00144, TEM00144

State of West Virginia Bureau for Public Health, Analytical Laboratory Number: LT000637

Texas Department of State Health Services License Number: 300510



24048578

Form 140, Revision 1, 1/20/2017

| Sample # | Sample Identification/Location | Volume or Area | Sample Date | Flow Rate* | Start - Stop Time* |
|----------|--------------------------------|----------------|-------------|------------|--------------------|
| 703 | Caulk | | | | |
| 1001 | Drywall & Joint Compound | | | | |
| 1002 | Drywall & Joint Compound | | | | |
| 1003 | Drywall & Joint Compound | | | | |
| 1101 | Ceiling Tile | | | | |
| 1102 | Ceiling Tile | | | | |
| 1103 | Ceiling Tile | | | | |
| 901 | Divider Wall | | | | |
| 902 | Divider Wall | | | | |
| 903 | Divider Wall | | | | |
| 1201 | Floor Tile & Mortar | | | | |
| 1202 | Floor Tile & Mortar | | | | |
| 1301 | Caulk | | | | |
| 1302 | Caulk | | | | |
| 1401 | Caulk | | | | |
| 1402 | Caulk | | | | |
| 1403 | Caulk | | | | |
| 1601 | Carpet Glue | | | | |
| 1602 | Carpet Glue | | | | |
| 1603 | Carpet Glue | | | | |
| 1701 | Cove Base | | | | |
| 1702 | Cove Base | | | | |
| 1801 | Sink Undercasing | | | | |
| 1802 | Sink Undercasing | | | | |
| 2001 | Drywall | | | | |
| 2002 | Drywall | | | | |
| 2101 | Caulk | | | | |
| 2102 | Caulk | | | | |
| 2401 | Stair Tread | | | | |
| 2402 | Stair Tread | | | | |
| 2501 | Caulk | | | | |

Special Instructions

POINT COUNT IF < 1%

| Relinquished by | Date | Time | Received by | Date | Time |
|-----------------|------|------|-------------|-------------|--------|
| | | | RMB | AUG 27 2024 | 9:40am |

If no technician is provided, then the primary contact for your account will be selected. Unless scheduled, the turnaround time for all samples received after 3 pm EST will be logged in the next business day. Weekend or holiday work must be scheduled ahead of time and is charged at 150% of the 3hr TAT or a minimum charge of \$150. A courier charge will be applied for same day and one-day turnaround times for offsite work. SanAir covers Ground and Next Day Air shipping. Shipments billed to SanAir with a faster shipping rate will result in additional charges. Page _of _

[illegible]

| | |
|----------------------|---------------------|
| Special Instructions | POINT COUNT IF < 1% |
|----------------------|---------------------|

| Relinquished by | Date | Time | Received by | Date | Time |
|-----------------|------|------|-------------|--------------------|---------------|
| | | | <i>RMB</i> | AUG 27 2024 | <i>9:40am</i> |
| | | | | | |

If no technician is provided, then the primary contact for your account will be selected. Unless scheduled, the turnaround time for all samples received after 3 pm EST will be logged in the next business day. Weekend or holiday work must be scheduled ahead of time and is charged at 150% of the 3hr TAT or a minimum charge of \$150. A courier charge will be applied for same day and one-day turnaround times for offsite work. SanAir covers Ground and Next Day Air shipping. Shipments billed to SanAir with a faster shipping rate will result in additional charges. Page 3 of 3

24048578

Fw: 240153-Risen Church

IAQ Forward <iaq@sanair.com>

Wed 8/28/2024 9:13 AM

To: AsbestosOH <AsbestosOH@sanair.com>; Rhiannon M. Bair <rbair@sanair.com>

From: Kevin Delancey <kevindelancey@northernas.com>

Sent: Tuesday, August 27, 2024 5:29 PM

To: IAQ Forward <iaq@sanair.com>

Subject: 240153-Risen Church

EXTERNAL EMAIL: DO NOT CLICK on links or attachments unless you recognize the sender and know the content is safe.

Good afternoon,

I need to change the turnaround time on the above project to 24hr turnaround time. I believe we have 2 day on it as of now.

Kevin Delancey

Northern Analytical Services, LLC.

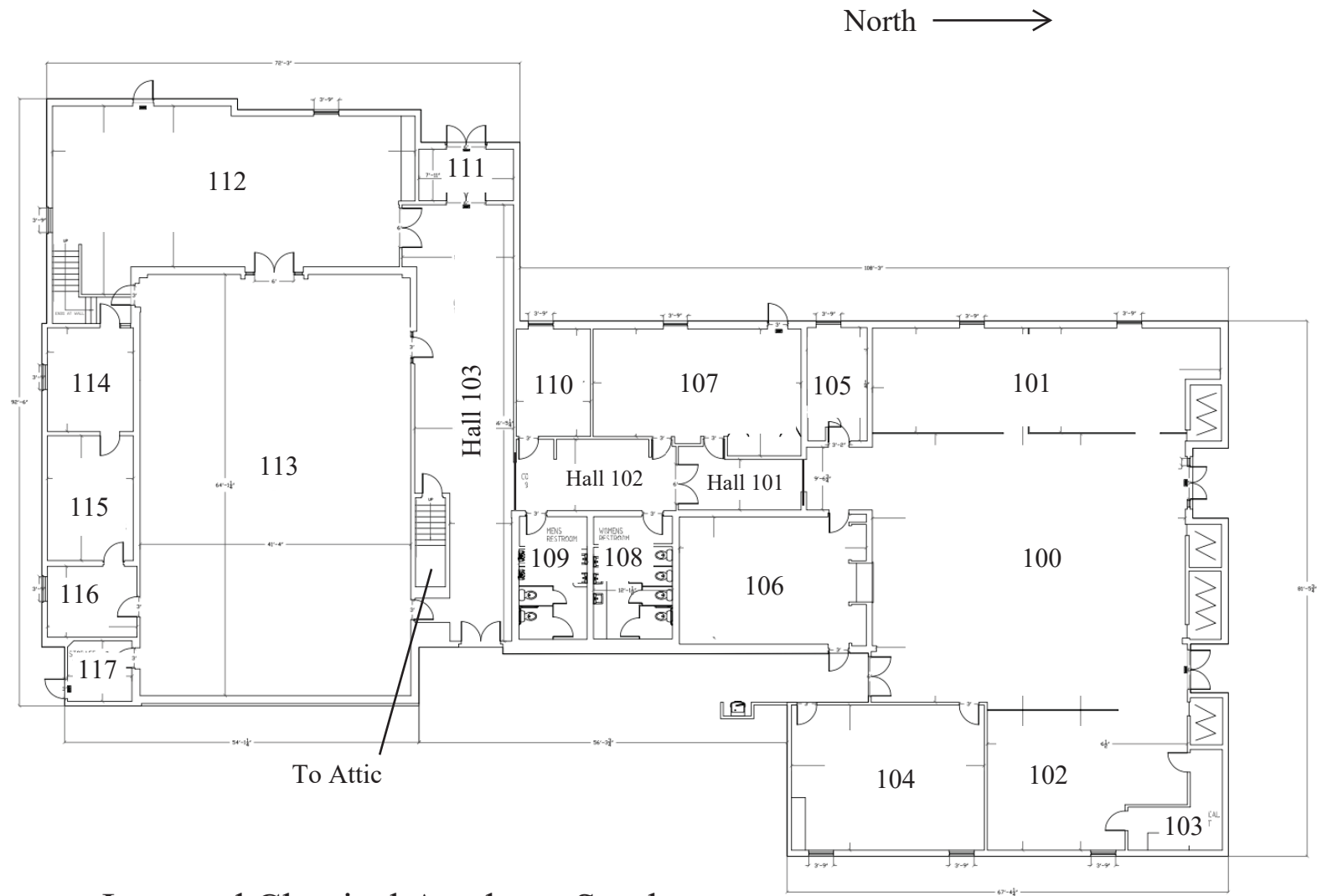
Project Manager

Cell: 231-349-6297

kevindelancey@northernas.com | www.northernas.com

RMB 8/28/24 9:15am

Drawing



Ivywood Classical Academy South