

Request for Proposals
For Demolition and Clearance Services
For Clark County Land Reutilization Corporation

Proposal Deadline:

4:00 PM, October 10th 2016

The Clark County Land Reutilization Corporation is now accepting bids for residential demolitions. The Clark County Land Reutilization Corporation requests interested parties submit their cost for demolition per property for the following properties:

507 N Race Street, Springfield, Ohio	16,490 Cubic Feet
526 W Southern Ave, Springfield, Ohio	17,715 Cubic Feet
28 N Florence St, Springfield, Ohio	16,850 Cubic Feet
341-341.5 W Grand, Springfield, Ohio	28,620 Cubic Feet
867 Sherman Ave, Springfield, Ohio	16,270 Cubic Feet
1243 Highland Ave, Springfield, Ohio	19,960 Cubic Feet

Include in your bid; cost per Sq.Ft. for removal of paved areas such as parking, driveways and slabs.

Attached to this email are the asbestos reports. Please attach the cost per property for asbestos abatement.

Include with your proposal a time table of work to be completed with a completion date.

The following documentation is required to be considered for Demolition Contract with the Clark County Land Reutilization Corporation.

W-9 Tax Form

Workers Compensation Documentation

Liability Insurance

Drug-Free Workplace Policy, You may build a custom Drug-Free Workplace Policy at <http://www.dol.gov/elaws/asp/drugfree/drugs/screen2.asp>

EEO Statement

Conflict of Interest Disclosure

For any subcontracted work the same contractor qualification forms will need to be filled as filled for the demolition company.

The Clark County Land Reutilization Corporation will also require certain documentation throughout the course of the project such as but not limited to:

In Process Photos

Demolition Permit

RAPCA Notification

Chain of Custody documentation for environmental hazards transported

Invoice per property with itemized costs per structure

Lien Release

Bid Tabulation Document

NO.	Parcel Address	Asbestos Abatement	Demolition	Total
1	507 N Race Street, Springfield, Ohio			
2	526 W Southern Ave, Springfield, Ohio			
3	28 N Florence St, Springfield, Ohio			
4	341-341.5 W Grand, Springfield, Ohio			
5	867 Sherman Ave, Springfield, Ohio			
6	1243 Highland Ave, Springfield, Ohio			

Cost per square foot for removal of paved areas such as parking, driveways and slabs	
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DETAILED TECHNICAL SPECIFICATIONS

1.0 WORK REQUIRED

- 1.1 The Contractor shall completely remove and lawfully dispose of all structures and all rubble and demolition debris of every description from the premises thereto. All above-grade utility connections, steps, walks, on-grade slabs, driveways, retaining walls and other masonry material and fencing shall be removed and cisterns filled unless otherwise directed by Clark County Land Reutilization Corporation (CCLRC), so as to facilitate accessibility for mowing and maintenance. Note: Also see the Notice to Proceed.
- 1.2 Demolition work required by the contract, which may have been omitted on Purchase Orders or on Notice to Proceed, such as steps, walks, slabs, driveways, retaining walls and all other such masonry material and fencing shall be removed and cisterns filled when so directed by the field inspector.
- 1.3 A demolition permit must be secured by the Contractor from the appropriate Building Department (City of Springfield or Clark County). A pre- and post-demolition inspection is required.
- 1.4 Contractor shall furnish CCLRC with samples of the fill material, if requested. This material shall be thoroughly compacted into each basement hole or other cavity where fill is required.
- 1.5 The Contractor shall exercise caution during demolition for the retaining of all trees within the area of the work unless directed otherwise. If it is necessary to remove a tree for operational purposes, the Contractor must first contact and receive approval from Clark County Community Development. The Contractor shall be responsible for removal of such tree at no additional cost to the CCLRC. The Contractor at no additional cost to the CCLRC shall remove all trees damaged by the Contractor.
- 1.6 If conditions exist whereby excessive fugitive dust occurs, CCLRC shall require water spraying or other acceptable methods to control such dust. (Also see "Fugitive Dust" in these Technical Specifications).
- 1.7 The Contractor shall give all notices required by and comply with all applicable laws, ordinances, and codes of the City of Springfield or Clark County, Ohio. All disconnections and demolitions shall comply with all applicable ordinances and codes, including all written waivers.
- 1.8 Should the Contractor fail to observe the foregoing provisions and does demolition work at variance with any applicable ordinances or code including any written waivers, the Contractor shall correct the methods of doing such work without cost to the CCLRC.

- 1.9 The Contractor shall, at their own expense, secure and pay to the appropriate department of the City of Springfield or Clark County, the fees or charges for all permits for wrecking, water, barricades of all types, pavement cuts, and repaving of streets and sidewalks and all other building, electrical, plumbing, gas and sewer permits, as may be required. The Contractor shall not be responsible for any fees associated with EPA, RAPCA, or ODOH notifications regarding friable asbestos.
- 1.10 The Contractor shall comply with all applicable laws and ordinances governing the disposal of all materials, debris, and rubbish and shall commit no trespass on any public or private property in any operation due to or connected with the demolition work performed under the Contract.
- 1.11 Indicate the anticipated disposal site and method of disposal of demolition residue in your price quotation.

2.0 UTILITIES AND OTHER PROPERTY

- 2.1 The Contractor shall assume all responsibility for damage attributable to them to any property improvements such as utility lines, surface improvements, or like items. If disconnection of underground utility services is required to be made, the Contractor shall comply with all local regulations respecting the barricading of streets and the removal and restoration of pavement.

3.0 REMOVAL OF DEBRIS, ASBESTOS, CLEANING, ETC.

- 3.1 The Contractor will have all litter, furniture, appliances, loose carpeting, clothing, garbage, brush and other such items removed from within the structures and grounds prior to demolition. The Contractor will be responsible for the removal and lawful disposal of all debris resulting from demolition activities as well as any items deposited on the site by others after the demolition activities have started. The Contractor shall keep the premises and public rights-of-way reasonably clear at all times. Proper removal and disposal of accumulations placed upon the property prior to the final grade and seeding approval by the CCLRC shall be the responsibility of the demolition contractor.
- 3.2 All transite shall be removed from structures prior to demolition. The Contractor shall be responsible for the removal and disposal of any EPA-regulated asbestos containing materials found at the site(s). This work may be sub-contracted.
- 3.3 If the Contractor discovers any regulated substances during demolition, which require special licensing or certification by law for handling, the Contractor shall cease operations and immediately notify Clark County Land Reutilization Corporation.

- 3.4 Upon completion of work, the Contractor shall remove all equipment, materials, salvage, trash, and debris of all kinds from the demolition site.
- 3.5 The Contractor shall immediately remove any items, debris or dirt that become deposited on public sidewalks or rights-of-way as a result of demolition activity.

4.0 GREENING OF AREAS WHERE BUILDINGS HAVE BEEN REMOVED

- 4.1 All demolished building footprints shall be seeded and covered with straw. All areas outside of structure footprints where the vegetative growth has been injuriously disturbed or destroyed by the Contractor shall be restored and seeded in accordance with CCLRC instructions and at no additional cost to the CCLRC.
- 4.2 All structure footprints shall have a minimum of four inches (4") of suitable soil to bring the completed grade consistent with the surrounding topography. If the topsoil becomes compacted, rutted or has any other flaws which might impede mowing, then the entire area will be prepared by raking or other acceptable means to be a suitable bed for sowing of grass seed. An inspection and approval of the topsoil and final grade must be conducted prior to the application of seed and straw. Placement of unacceptable topsoil must be corrected to the satisfaction of the CCLRC and at no additional expense to the CCLRC.
- 4.3 Suitable topsoil shall not have rock or stone greater than three inches (3") in any dimension and shall be a minimum of 80% soil. Unacceptable topsoil shall be removed at no additional cost to the CCLRC and replaced with acceptable topsoil that conforms to this section.
- 4.4 Fescue grass seed shall be applied at the recommended rate. The Contractor shall guarantee the germination and growth of the seed for 60 days. At their own expense, the Contractor will re-seed and straw any portion of a lot where the grass seed does not germinate and grow.
- 4.5 Under certain circumstances, the CCLRC may instruct the Contractor to refrain from seeding of a particular property for the purposes of heavier greening to be accomplished by another contractor external to this Contract.

5.0 REMOVAL AND SALVAGE OF BUILDINGS

- 5.1 No right, title, property or interest of any kind whatsoever in or to the land or premises upon which such structures stand is created, assigned, conveyed, granted, or transferred to the Contractor except only the license and right of entry to remove such structures, or accumulations, in strict accordance with these specifications and Purchase Order.

- 5.2 In the event of any doubt respecting the ownership of any property, the Contractor shall request from the CCLRC a written statement respecting its ownership.
- 5.3 All salvage remaining on-site at the issuance of a Notice to Proceed becomes the property of the Contractor but storage of such materials on the demolition area is not permitted.
- 5.4 Unless otherwise specified, no structures shall be removed from the premises as a whole or in a substantially whole condition. All structures shall be demolished on the premises.

6.0 CARE OF THE WORK

- 6.1 The Contractor shall be responsible for all damages to persons or property that occur in connection with the prosecution of the Work and shall be responsible for the proper care and protection of all Work performed until completion and final acceptance.
- 6.2 In an emergency affecting the safety of life or property, on or adjoining the site the Contractor shall act, either at his own discretion or as instructed by the CCLRC, to prevent such threatened loss or injury. The CCLRC will determine the appropriateness on the amount of any compensation claimed by the Contractor on account of such Emergency Work.
- 6.3 The Contractor shall avoid damaging public sidewalks, street, curbs, pavements, utilities, structures, or any other property (except that which is to be replaced or removed) either on or adjacent to the site. He shall repair any damage, at his own expense and in a manner satisfactory to the CCLRC.
- 6.4 The Contractor shall shore, brace, underpin, secure and protect as may be necessary all foundations and other parts of structures to remain on the job site or which are adjacent to or in the vicinity of the site and which may be in any way affected by his excavations or other operation. The Contractor shall indemnify and save harmless the CCLRC from liability for any injury or damage to said structures and their premise or to persons due to his operations. He shall issue any and all required notices to property owners or other parties on, or in the vicinity of the site.
- 6.5 Except as may be otherwise provided herein, the method of wrecking, i.e., by hand or by power equipment, is not restricted. However, in all cases safe and workmanlike methods must be employed to protect life and property and in no case shall any floor be wrecked until all walls are removed down to such floor.
- 6.6 No pulling of the walls will be permitted except with the approval of an Administrator of the CCLRC or his designee. The Contractor shall notify an Administrator of the CCLRC or his

designee, in writing, twenty-four (24) hours in advance of his intention of pulling walls, in order that the request of the Contractor can be evaluated.

7.0 CORRECTION OF WORK

7.1 The selected Contractor agrees to correct all defects in the Work performed arising out of the use of defective materials or improper workmanship, which may become apparent during a period of six (6) months after final inspection of each parcel. All Work shall be done to the satisfaction of Clark County Land Reutilization Corporation.

8.0 BASIS FOR PAYMENT

8.1 Calculations of square foot area for cubic foot demolition prices are to be determined from dimensions obtained from the official records of the Clark County Auditor's office. When records are not available a Clark County Land Reutilization Corporation Administrator shall determine all dimensions.

8.2 The price quotation obtained from this Request for Quote shall form the basis for determining the amount of the payments to the Contractor.

8.3 The cubic foot for each structure is determined as follows:

Basement -	square feet x 10
1 st Floor -	square feet x 10
Additional Floors -	square feet x 10
Roof (pitched) -	½ of floor area covered x 10
Accessory Structure -	Square foot of structure x 10 plus ½ of the square footage of the area x 10 for the roof.

8.4 Compacted backfill, required by the County, means the contractor shall completely remove all foundation walls and basement slabs to allow for drainage. The excavation shall be backfilled with suitable granular or cohesive soils that do not contain vegetation, organic soils or debris (i.e. pit run or bank run) as determined by a Clark County Land Reutilization Corporation Administrator; and shall be compacted in 8 to 12 inch lifts to 90% maximum density as determined by ASTM D 1557 modified proctor test. Payment is determined by square footage of the basement or excavation times 10.

8.5 Complete removal of foundation walls, when required by the County, means the contractor shall remove all foundation walls and completely remove basement slabs. The excavation shall be backfilled with suitable granular and cohesive soils but not require compaction. Payment is determined by square footage of the basement or excavation times 10.

9.0 FINAL INSPECTION

9.1 The Contractor shall notify Clark County Land Reutilization Corporation as well as the appropriate building department when the Work is ready for final inspection and schedule an inspection. Inspection shall be made as soon thereafter as is practical during regular business hours. When the CCLRC determines that the work has been completed as represented and in compliance with the price quotation requirements, the Contractor shall prepare an invoice for payment and submit said invoice to the CCLRC.

10.0 PAYMENT

10.1 Upon completion and acceptance of the Work by the CCLRC, the Contractor will submit an itemized invoice for payment, Release of Liens, and the appropriate Chain of Custody and RAPCA notification forms (if applicable). The total amount due the Contractor shall be paid to the Contractor within thirty (30) days of submission of this paperwork to the CCLRC.

10.2 No payment shall be made for any unauthorized work.

10.3 No payment made under the Contract shall act as a waiver of the right of the CCLRC to require the fulfillment of all of the terms of the price quotation.

10.4 In situations where satisfactory completion of the final grade and/or applying of seed and straw is not possible due to inclement weather conditions or other excusable delays (see Section 22.0 below) the CCLRC will retain a portion of the demolition costs equal to ten percent (10%) until such work is completed. In this case, the Contractor will submit Exhibit C-1 in addition to an itemized invoice and related documents to receive 90% payment. The remaining 10% will be paid upon submission of Exhibit C-2 and all related documentation.

10.5 Failure on the part of the Contractor to complete all required work in a reasonable time frame may result in the CCLRC withholding payment and having the subject work completed by others. The cost of such work is the responsibility of the Contractor and will be deducted from any amount due the Contractor. If the expense incurred by the CCLRC for the completion of the specified work exceeds the amount due to the Contractor, the Contractor is responsible for the difference.

11.0 DEDUCTIONS FOR UNCORRECTED WORK

- 11.1 If the CCLRC deems it not expedient to require the Contractor to correct work not done in accordance with the CCLRC's Purchase Order, an equitable deduction from the Purchase Order amount will be made by agreement between the Contractor and the CCLRC. It shall be the CCLRC's sole decision as to whether it will allow the Contractor to make such work correction.

12.0 USE OF WEIGHTED BALL

- 12.1 The use of a weighted ball (commonly referred to as a "pearhead" or "headache ball") may be used in this demolition work. At no time can the ball be used over the sidewalk or street areas.

13.0 FUGITIVE DUST

- 13.1 The Contractor shall be required to comply with the following Air Pollution regulations which apply to renovation and/or demolition activities within City of Springfield or Clark County: Rule OAC-3745-17-08(B)(1) of the Ohio Administrative Code as promulgated by the Ohio Environmental Protection Agency (EPA).

14.0 USE OF PREMISES

- 14.1 The Contractor shall confine his equipment, materials, and operations to the limits prescribed by permits or as may be directed by the CCLRC and shall not unreasonably encumber the premises with his salvaged material.
- 14.2 The Contractor shall comply with all instructions of the CCLRC including ordinances and codes regarding signs, traffic, fires, explosives, danger signals, barricades and fire protection.

15.0 SAFETY REQUIREMENTS AND ACCIDENT PREVENTION

- 15.1 The Contractor shall exercise proper precaution at all times for the protection of persons (including employees) and property and shall be responsible for all damages to persons or property, either on or off the site, which occurs in connection with the prosecution of the Work. The safety provisions of all applicable laws, City and County ordinances and Building and Construction Code Regulations shall be observed and the Contractor shall take or cause to be taken such additional safety and health measures as the CCLRC may determine to be reasonably necessary.

- 15.2 The Contractor shall comply with all laws, rules, and regulations related to safety, hazard communications, and accident prevention. He shall coordinate and obtain required permission from local, state, and/or federal official that may be applicable to the Work.
- 15.3 In the event of failure or refusal of the Contractor to immediately comply with all safety protection provisions set forth or referred to herein, and/or instructions and directives of the CCLRC in relations to the manner, method or sequence or work performance, work under the Purchase Order shall be ordered stopped by the CCLRC and shall not proceed until full compliance has been assured.
- 15.4 The Contractor shall indemnify and save harmless the CCLRC from any claims for damages resulting from personal injury and/or death suffered or alleged to have been suffered by any person as a result of any Work conducted under this Contract.

16.0 RESPONSIBILITIES OF CONTRACTOR

- 16.1 Except as otherwise stated, the Contractor shall provide and pay for all materials, labor, tools, equipment, water, light, heat, power, transportation, superintendence, temporary construction of every nature, charges, levies, fees or other expenses incurred and all other services and facilities of every nature whatsoever necessary for his performance of the Contract within the specified time.
- 16.2 The Contractor shall adequately protect the work, adjacent property and the public, and shall be responsible for any damages and injuries.

17.0 EXCUSABLE DELAYS

- 17.1 The right of the Contractor to proceed shall not be terminated for any delays in the completion of the work due:
- a. To any acts of the CCLRC;
 - b. To causes not reasonably foreseeable by the parties to this Contract which are beyond the control and without the fault or negligence of the Contractor, including, but not restricted to, acts of God or of a public enemy, acts of another Contractor in the performance of some other contract with the CCLRC, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, and weather of unusual severity such as hurricanes, tornadoes, cyclones, and other extreme weather conditions.
 - c. To any delay of any Subcontractor occasioned by any of the causes specified in subparagraphs (a) and (b) of this section.

17.2 Provided, however, that when required the Contractor shall notify the CCLRC in writing within five (5) working days of the cause of the delay. The CCLRC shall then ascertain the facts concerning the cause of the delay and the extent to which completion of the project as a whole has been delay. If the facts show the delay to be properly excusable under the terms of the Contract, the CCLRC shall extend the Contract time by a period commensurate with the period of excusable delay.

18.0 SUBCONTRACTING

18.1 It is intended that the majority of the services will be performed under the Contractor's supervision using his own forces and equipment.

18.2 The Contractor may utilize Subcontractors for the performance of Work under the Contract. The Contractor shall not award any Work to a Subcontractor without prior written approval of the CCLRC.

18.3 The Contractor shall be a fully responsible to the CCLRC for the acts and omissions of his Subcontractors and of persons either directly or indirectly employed by such Subcontractor, as he is for the acts and omissions of persons directly employed by him.

18.4 The Contractor shall cause appropriate provisions to be inserted in all subcontracts relative to the Work to bind Subcontractors to the Contractor by the terms of the General Conditions and other Contract Documents insofar as applicable to the Work of Subcontractors and to give the Contractor the same power as regards terminating any Subcontract that the CCLRC may exercise over the Contractor under provision of the Contract.

18.5 Nothing contained in the Contract shall create any contractual relation between any Subcontractor and the CCLRC.

18.6 Subletting or assigning the whole or any portion of the Contract shall not release the Contractor, the instrument of assignment shall contain a clause substantially to the effect that it is agreed that the right of the assignee in and to any monies due or to become due to the Contractor shall be subject to prior liens of all persons, firms, and corporation for services rendered or materials supplied for the performance of the Work called for in this Contract.

18.7 A Release of Liens will be required of all Subcontractors before payment will be allowed for the Work completed under this Contract.

19.0 SUNDAY AND NIGHT WORK

- 19.1 No work will be permitted at night or on Sundays except to save property or life or in case of emergency or special conditions as authorized or directed by a Clark County Land Reutilization Corporation Administrator. Any work necessary to be performed at night, on Sundays, or on legal holidays shall be performed without additional expense to the CCLRC unless otherwise specifically provided for in the Contract documents.

END OF TECHNICAL SPECIFICATIONS AND SUPPLEMENTAL CONDITIONS

Conflict of Interest Disclosure Form

Note: A potential or actual conflict of interest exists when commitments and obligations are likely to be compromised by the nominator(s)' other material interests, or relationships (especially economic), particularly if those interests or commitments are not disclosed.

This Conflict of Interest Form should indicate whether the nominator(s) has an economic interest in, or acts as an officer or a director of, any outside entity whose financial interests would reasonably appear to be affected by the addition of the nominated condition to the newborn screening panel. The nominator(s) should also disclose any personal, business, or volunteer affiliations that may give rise to a real or apparent conflict of interest. Relevant Federally and organizationally established regulations and guidelines in financial conflicts must be abided by. Individuals with a conflict of interest should refrain from nominating a condition for screening.

Date:

Name:

Position:

Please describe below any relationships, transactions, positions you hold (volunteer or otherwise), or circumstances that you believe could contribute to a conflict of interest:

I have no conflict of interest to report.

I have the following conflict of interest to report (please specify other nonprofit and for-profit boards you (and your spouse) sit on, any for-profit businesses for which you or an immediate family member are an officer or director, or a majority shareholder, and the name of your employer and any businesses you or a family member own:

1. _____

2. _____

3. _____

I hereby certify that the information set forth above is true and complete to the best of my knowledge.

Signature: _____

Date: _____

(Equal Employment Opportunity Statement)

_____ does not and shall not discriminate on the basis of race, color, religion (creed), gender, gender expression, age, national origin (ancestry), disability, marital status, sexual orientation, or military status, in any of its activities or operations. These activities include, but are not limited to, hiring and firing of staff, selection of vendors, and provision of services. We are committed to providing an inclusive and welcoming environment for all members of our staff, clients, volunteers, subcontractors, vendors, and clients.

Owner

Date

Request for Taxpayer Identification Number and Certification

**Give Form to the
requester. Do not
send to the IRS.**

Print or type See Specific Instructions on page 2.	Name (as shown on your income tax return)	
	Business name/disregarded entity name, if different from above	
	Check appropriate box for federal tax classification: <input type="checkbox"/> Individual/sole proprietor <input type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ _____ <input checked="" type="checkbox"/> Other (see instructions) ▶ _____	Exemptions (see instructions): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____
	Address (number, street, and apt. or suite no.)	Requester's name and address (optional)
	City, state, and ZIP code	
List account number(s) here (optional)		

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on the "Name" line to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

Social security number									

Employer identification number									

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
3. I am a U.S. citizen or other U.S. person (defined below), and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

Sign Here	Signature of U.S. person ▶	Date ▶
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General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. The IRS has created a page on IRS.gov for information about Form W-9, at www.irs.gov/w9. Information about any future developments affecting Form W-9 (such as legislation enacted after we release it) will be posted on that page.

Purpose of Form

A person who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, payments made to you in settlement of payment card and third party network transactions, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the

withholding tax on foreign partners' share of effectively connected income, and

4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct.

Note. If you are a U.S. person and a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States,
- An estate (other than a foreign estate), or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax under section 1446 on any foreign partners' share of effectively connected taxable income from such business. Further, in certain cases where a Form W-9 has not been received, the rules under section 1446 require a partnership to presume that a partner is a foreign person, and pay the section 1446 withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid section 1446 withholding on your share of partnership income.

In the cases below, the following person must give Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States:

- In the case of a disregarded entity with a U.S. owner, the U.S. owner of the disregarded entity and not the entity,
- In the case of a grantor trust with a U.S. grantor or other U.S. owner, generally, the U.S. grantor or other U.S. owner of the grantor trust and not the trust, and
- In the case of a U.S. trust (other than a grantor trust), the U.S. trust (other than a grantor trust) and not the beneficiaries of the trust.

Foreign person. If you are a foreign person or the U.S. branch of a foreign bank that has elected to be treated as a U.S. person, do not use Form W-9. Instead, use the appropriate Form W-8 or Form 8233 (see Publication 515, Withholding of Tax on Nonresident Aliens and Foreign Entities).

Nonresident alien who becomes a resident alien. Generally, only a nonresident alien individual may use the terms of a tax treaty to reduce or eliminate U.S. tax on certain types of income. However, most tax treaties contain a provision known as a "saving clause." Exceptions specified in the saving clause may permit an exemption from tax to continue for certain types of income even after the payee has otherwise become a U.S. resident alien for tax purposes.

If you are a U.S. resident alien who is relying on an exception contained in the saving clause of a tax treaty to claim an exemption from U.S. tax on certain types of income, you must attach a statement to Form W-9 that specifies the following five items:

1. The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident alien.
2. The treaty article addressing the income.
3. The article number (or location) in the tax treaty that contains the saving clause and its exceptions.
4. The type and amount of income that qualifies for the exemption from tax.
5. Sufficient facts to justify the exemption from tax under the terms of the treaty article.

Example. Article 20 of the U.S.-China income tax treaty allows an exemption from tax for scholarship income received by a Chinese student temporarily present in the United States. Under U.S. law, this student will become a resident alien for tax purposes if his or her stay in the United States exceeds 5 calendar years. However, paragraph 2 of the first Protocol to the U.S.-China treaty (dated April 30, 1984) allows the provisions of Article 20 to continue to apply even after the Chinese student becomes a resident alien of the United States. A Chinese student who qualifies for this exception (under paragraph 2 of the first protocol) and is relying on this exception to claim an exemption from tax on his or her scholarship or fellowship income would attach to Form W-9 a statement that includes the information described above to support that exemption.

If you are a nonresident alien or a foreign entity, give the requester the appropriate completed Form W-8 or Form 8233.

What is backup withholding? Persons making certain payments to you must under certain conditions withhold and pay to the IRS a percentage of such payments. This is called "backup withholding." Payments that may be subject to backup withholding include interest, tax-exempt interest, dividends, broker and barter exchange transactions, rents, royalties, nonemployee pay, payments made in settlement of payment card and third party network transactions, and certain payments from fishing boat operators. Real estate transactions are not subject to backup withholding.

You will not be subject to backup withholding on payments you receive if you give the requester your correct TIN, make the proper certifications, and report all your taxable interest and dividends on your tax return.

Payments you receive will be subject to backup withholding if:

1. You do not furnish your TIN to the requester,
2. You do not certify your TIN when required (see the Part II instructions on page 3 for details),
3. The IRS tells the requester that you furnished an incorrect TIN,
4. The IRS tells you that you are subject to backup withholding because you did not report all your interest and dividends on your tax return (for reportable interest and dividends only), or
5. You do not certify to the requester that you are not subject to backup withholding under 4 above (for reportable interest and dividend accounts opened after 1983 only).

Certain payees and payments are exempt from backup withholding. See *Exempt payee code* on page 3 and the separate instructions for the Requester of Form W-9 for more information.

Also see *Special rules for partnerships* on page 1.

What is FATCA reporting? The Foreign Account Tax Compliance Act (FATCA) requires a participating foreign financial institution to report all United States account holders that are specified United States persons. Certain payees are exempt from FATCA reporting. See *Exemption from FATCA reporting code* on page 3 and the Instructions for the Requester of Form W-9 for more information.

Updating Your Information

You must provide updated information to any person to whom you claimed to be an exempt payee if you are no longer an exempt payee and anticipate receiving reportable payments in the future from this person. For example, you may need to provide updated information if you are a C corporation that elects to be an S corporation, or if you no longer are tax exempt. In addition, you must furnish a new Form W-9 if the name or TIN changes for the account, for example, if the grantor of a grantor trust dies.

Penalties

Failure to furnish TIN. If you fail to furnish your correct TIN to a requester, you are subject to a penalty of \$50 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

Civil penalty for false information with respect to withholding. If you make a false statement with no reasonable basis that results in no backup withholding, you are subject to a \$500 penalty.

Criminal penalty for falsifying information. Willfully falsifying certifications or affirmations may subject you to criminal penalties including fines and/or imprisonment.

Misuse of TINs. If the requester discloses or uses TINs in violation of federal law, the requester may be subject to civil and criminal penalties.

Specific Instructions

Name

If you are an individual, you must generally enter the name shown on your income tax return. However, if you have changed your last name, for instance, due to marriage without informing the Social Security Administration of the name change, enter your first name, the last name shown on your social security card, and your new last name.

If the account is in joint names, list first, and then circle, the name of the person or entity whose number you entered in Part I of the form.

Sole proprietor. Enter your individual name as shown on your income tax return on the "Name" line. You may enter your business, trade, or "doing business as (DBA)" name on the "Business name/disregarded entity name" line.

Partnership, C Corporation, or S Corporation. Enter the entity's name on the "Name" line and any business, trade, or "doing business as (DBA) name" on the "Business name/disregarded entity name" line.

Disregarded entity. For U.S. federal tax purposes, an entity that is disregarded as an entity separate from its owner is treated as a "disregarded entity." See Regulation section 301.7701-2(c)(2)(iii). Enter the owner's name on the "Name" line. The name of the entity entered on the "Name" line should never be a disregarded entity. The name on the "Name" line must be the name shown on the income tax return on which the income should be reported. For example, if a foreign LLC that is treated as a disregarded entity for U.S. federal tax purposes has a single owner that is a U.S. person, the U.S. owner's name is required to be provided on the "Name" line. If the direct owner of the entity is also a disregarded entity, enter the first owner that is not disregarded for federal tax purposes. Enter the disregarded entity's name on the "Business name/disregarded entity name" line. If the owner of the disregarded entity is a foreign person, the owner must complete an appropriate Form W-8 instead of a Form W-9. This is the case even if the foreign person has a U.S. TIN.

Note. Check the appropriate box for the U.S. federal tax classification of the person whose name is entered on the "Name" line (Individual/sole proprietor, Partnership, C Corporation, S Corporation, Trust/estate).

Limited Liability Company (LLC). If the person identified on the "Name" line is an LLC, check the "Limited liability company" box only and enter the appropriate code for the U.S. federal tax classification in the space provided. If you are an LLC that is treated as a partnership for U.S. federal tax purposes, enter "P" for partnership. If you are an LLC that has filed a Form 8832 or a Form 2553 to be taxed as a corporation, enter "C" for C corporation or "S" for S corporation, as appropriate. If you are an LLC that is disregarded as an entity separate from its owner under Regulation section 301.7701-3 (except for employment and excise tax), do not check the LLC box unless the owner of the LLC (required to be identified on the "Name" line) is another LLC that is not disregarded for U.S. federal tax purposes. If the LLC is disregarded as an entity separate from its owner, enter the appropriate tax classification of the owner identified on the "Name" line.

Other entities. Enter your business name as shown on required U.S. federal tax documents on the "Name" line. This name should match the name shown on the charter or other legal document creating the entity. You may enter any business, trade, or DBA name on the "Business name/disregarded entity name" line.

Exemptions

If you are exempt from backup withholding and/or FATCA reporting, enter in the *Exemptions* box, any code(s) that may apply to you. See *Exempt payee code* and *Exemption from FATCA reporting code* on page 3.

Exempt payee code. Generally, individuals (including sole proprietors) are not exempt from backup withholding. Corporations are exempt from backup withholding for certain payments, such as interest and dividends. Corporations are not exempt from backup withholding for payments made in settlement of payment card or third party network transactions.

Note. If you are exempt from backup withholding, you should still complete this form to avoid possible erroneous backup withholding.

The following codes identify payees that are exempt from backup withholding:

- 1—An organization exempt from tax under section 501(a), any IRA, or a custodial account under section 403(b)(7) if the account satisfies the requirements of section 401(f)(2)
- 2—The United States or any of its agencies or instrumentalities
- 3—A state, the District of Columbia, a possession of the United States, or any of their political subdivisions or instrumentalities
- 4—A foreign government or any of its political subdivisions, agencies, or instrumentalities
- 5—A corporation
- 6—A dealer in securities or commodities required to register in the United States, the District of Columbia, or a possession of the United States
- 7—A futures commission merchant registered with the Commodity Futures Trading Commission
- 8—A real estate investment trust
- 9—An entity registered at all times during the tax year under the Investment Company Act of 1940
- 10—A common trust fund operated by a bank under section 584(a)
- 11—A financial institution
- 12—A middleman known in the investment community as a nominee or custodian
- 13—A trust exempt from tax under section 664 or described in section 4947

The following chart shows types of payments that may be exempt from backup withholding. The chart applies to the exempt payees listed above, 1 through 13.

IF the payment is for . . .	THEN the payment is exempt for . . .
Interest and dividend payments	All exempt payees except for 7
Broker transactions	Exempt payees 1 through 4 and 6 through 11 and all C corporations. S corporations must not enter an exempt payee code because they are exempt only for sales of noncovered securities acquired prior to 2012.
Barter exchange transactions and patronage dividends	Exempt payees 1 through 4
Payments over \$600 required to be reported and direct sales over \$5,000 ¹	Generally, exempt payees 1 through 5 ²
Payments made in settlement of payment card or third party network transactions	Exempt payees 1 through 4

¹ See Form 1099-MISC, Miscellaneous Income, and its instructions.

² However, the following payments made to a corporation and reportable on Form 1099-MISC are not exempt from backup withholding: medical and health care payments, attorneys' fees, gross proceeds paid to an attorney, and payments for services paid by a federal executive agency.

Exemption from FATCA reporting code. The following codes identify payees that are exempt from reporting under FATCA. These codes apply to persons submitting this form for accounts maintained outside of the United States by certain foreign financial institutions. Therefore, if you are only submitting this form for an account you hold in the United States, you may leave this field blank. Consult with the person requesting this form if you are uncertain if the financial institution is subject to these requirements.

- A—An organization exempt from tax under section 501(a) or any individual retirement plan as defined in section 7701(a)(37)
- B—The United States or any of its agencies or instrumentalities
- C—A state, the District of Columbia, a possession of the United States, or any of their political subdivisions or instrumentalities
- D—A corporation the stock of which is regularly traded on one or more established securities markets, as described in Reg. section 1.1472-1(c)(1)(i)
- E—A corporation that is a member of the same expanded affiliated group as a corporation described in Reg. section 1.1472-1(c)(1)(i)
- F—A dealer in securities, commodities, or derivative financial instruments (including notional principal contracts, futures, forwards, and options) that is registered as such under the laws of the United States or any state

- G—A real estate investment trust
- H—A regulated investment company as defined in section 851 or an entity registered at all times during the tax year under the Investment Company Act of 1940
- I—A common trust fund as defined in section 584(a)
- J—A bank as defined in section 581
- K—A broker
- L—A trust exempt from tax under section 664 or described in section 4947(a)(1)
- M—A tax exempt trust under a section 403(b) plan or section 457(g) plan

Part I. Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. If you are a resident alien and you do not have and are not eligible to get an SSN, your TIN is your IRS individual taxpayer identification number (ITIN). Enter it in the social security number box. If you do not have an ITIN, see *How to get a TIN* below.

If you are a sole proprietor and you have an EIN, you may enter either your SSN or EIN. However, the IRS prefers that you use your SSN.

If you are a single-member LLC that is disregarded as an entity separate from its owner (see *Limited Liability Company (LLC)* on page 2), enter the owner's SSN (or EIN, if the owner has one). Do not enter the disregarded entity's EIN. If the LLC is classified as a corporation or partnership, enter the entity's EIN.

Note. See the chart on page 4 for further clarification of name and TIN combinations.

How to get a TIN. If you do not have a TIN, apply for one immediately. To apply for an SSN, get Form SS-5, Application for a Social Security Card, from your local Social Security Administration office or get this form online at www.ssa.gov. You may also get this form by calling 1-800-772-1213. Use Form W-7, Application for IRS Individual Taxpayer Identification Number, to apply for an ITIN, or Form SS-4, Application for Employer Identification Number, to apply for an EIN. You can apply for an EIN online by accessing the IRS website at www.irs.gov/businesses and clicking on Employer Identification Number (EIN) under Starting a Business. You can get Forms W-7 and SS-4 from the IRS by visiting IRS.gov or by calling 1-800-TAX-FORM (1-800-829-3676).

If you are asked to complete Form W-9 but do not have a TIN, apply for a TIN and write "Applied For" in the space for the TIN, sign and date the form, and give it to the requester. For interest and dividend payments, and certain payments made with respect to readily tradable instruments, generally you will have 60 days to get a TIN and give it to the requester before you are subject to backup withholding on payments. The 60-day rule does not apply to other types of payments. You will be subject to backup withholding on all such payments until you provide your TIN to the requester.

Note. Entering "Applied For" means that you have already applied for a TIN or that you intend to apply for one soon.

Caution: A disregarded U.S. entity that has a foreign owner must use the appropriate Form W-8.

Part II. Certification

To establish to the withholding agent that you are a U.S. person, or resident alien, sign Form W-9. You may be requested to sign by the withholding agent even if items 1, 4, or 5 below indicate otherwise.

For a joint account, only the person whose TIN is shown in Part I should sign (when required). In the case of a disregarded entity, the person identified on the "Name" line must sign. Exempt payees, see *Exempt payee code* earlier.

Signature requirements. Complete the certification as indicated in items 1 through 5 below.

- 1. Interest, dividend, and barter exchange accounts opened before 1984 and broker accounts considered active during 1983.** You must give your correct TIN, but you do not have to sign the certification.
- 2. Interest, dividend, broker, and barter exchange accounts opened after 1983 and broker accounts considered inactive during 1983.** You must sign the certification or backup withholding will apply. If you are subject to backup withholding and you are merely providing your correct TIN to the requester, you must cross out item 2 in the certification before signing the form.
- 3. Real estate transactions.** You must sign the certification. You may cross out item 2 of the certification.
- 4. Other payments.** You must give your correct TIN, but you do not have to sign the certification unless you have been notified that you have previously given an incorrect TIN. "Other payments" include payments made in the course of the requester's trade or business for rents, royalties, goods (other than bills for merchandise), medical and health care services (including payments to corporations), payments to a nonemployee for services, payments made in settlement of payment card and third party network transactions, payments to certain fishing boat crew members and fishermen, and gross proceeds paid to attorneys (including payments to corporations).
- 5. Mortgage interest paid by you, acquisition or abandonment of secured property, cancellation of debt, qualified tuition program payments (under section 529), IRA, Coverdell ESA, Archer MSA or HSA contributions or distributions, and pension distributions.** You must give your correct TIN, but you do not have to sign the certification.

What Name and Number To Give the Requester

For this type of account:	Give name and SSN of:
1. Individual	The individual
2. Two or more individuals (joint account)	The actual owner of the account or, if combined funds, the first individual on the account ¹
3. Custodian account of a minor (Uniform Gift to Minors Act)	The minor ²
4. a. The usual revocable savings trust (grantor is also trustee) b. So-called trust account that is not a legal or valid trust under state law	The grantor-trustee ¹ The actual owner ¹
5. Sole proprietorship or disregarded entity owned by an individual	The owner ³
6. Grantor trust filing under Optional Form 1099 Filing Method 1 (see Regulation section 1.671-4(b)(2)(i)(A))	The grantor* ⁴
For this type of account:	Give name and EIN of:
7. Disregarded entity not owned by an individual	The owner
8. A valid trust, estate, or pension trust	Legal entity ⁴
9. Corporation or LLC electing corporate status on Form 8832 or Form 2553	The corporation
10. Association, club, religious, charitable, educational, or other tax-exempt organization	The organization
11. Partnership or multi-member LLC	The partnership
12. A broker or registered nominee	The broker or nominee
13. Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district, or prison) that receives agricultural program payments	The public entity
14. Grantor trust filing under the Form 1041 Filing Method or the Optional Form 1099 Filing Method 2 (see Regulation section 1.671-4(b)(2)(i)(B))	The trust

¹ List first and circle the name of the person whose number you furnish. If only one person on a joint account has an SSN, that person's number must be furnished.

² Circle the minor's name and furnish the minor's SSN.

³ You must show your individual name and you may also enter your business or "DBA" name on the "Business name/disregarded entity" name line. You may use either your SSN or EIN (if you have one), but the IRS encourages you to use your SSN.

⁴ List first and circle the name of the trust, estate, or pension trust. (Do not furnish the TIN of the personal representative or trustee unless the legal entity itself is not designated in the account title.) Also see *Special rules for partnerships* on page 1.

*Note. Grantor also must provide a Form W-9 to trustee of trust.

Note. If no name is circled when more than one name is listed, the number will be considered to be that of the first name listed.

Secure Your Tax Records from Identity Theft

Identity theft occurs when someone uses your personal information such as your name, social security number (SSN), or other identifying information, without your permission, to commit fraud or other crimes. An identity thief may use your SSN to get a job or may file a tax return using your SSN to receive a refund.

To reduce your risk:

- Protect your SSN.
- Ensure your employer is protecting your SSN, and
- Be careful when choosing a tax preparer.

If your tax records are affected by identity theft and you receive a notice from the IRS, respond right away to the name and phone number printed on the IRS notice or letter.

If your tax records are not currently affected by identity theft but you think you are at risk due to a lost or stolen purse or wallet, questionable credit card activity or credit report, contact the IRS Identity Theft Hotline at 1-800-908-4490 or submit Form 14039.

For more information, see Publication 4535, Identity Theft Prevention and Victim Assistance.

Victims of identity theft who are experiencing economic harm or a system problem, or are seeking help in resolving tax problems that have not been resolved through normal channels, may be eligible for Taxpayer Advocate Service (TAS) assistance. You can reach TAS by calling the TAS toll-free case intake line at 1-877-777-4778 or TTY/TDD 1-800-829-4059.

Protect yourself from suspicious emails or phishing schemes. Phishing is the creation and use of email and websites designed to mimic legitimate business emails and websites. The most common act is sending an email to a user falsely claiming to be an established legitimate enterprise in an attempt to scam the user into surrendering private information that will be used for identity theft.

The IRS does not initiate contacts with taxpayers via emails. Also, the IRS does not request personal detailed information through email or ask taxpayers for the PIN numbers, passwords, or similar secret access information for their credit card, bank, or other financial accounts.

If you receive an unsolicited email claiming to be from the IRS, forward this message to phishing@irs.gov. You may also report misuse of the IRS name, logo, or other IRS property to the Treasury Inspector General for Tax Administration at 1-800-366-4484. You can forward suspicious emails to the Federal Trade Commission at: spam@uce.gov or contact them at www.ftc.gov/idtheft or 1-877-IDTHEFT (1-877-438-4338).

Visit IRS.gov to learn more about identity theft and how to reduce your risk.

Privacy Act Notice

Section 6109 of the Internal Revenue Code requires you to provide your correct TIN to persons (including federal agencies) who are required to file information returns with the IRS to report interest, dividends, or certain other income paid to you; mortgage interest you paid; the acquisition or abandonment of secured property; the cancellation of debt; or contributions you made to an IRA, Archer MSA, or HSA. The person collecting this form uses the information on the form to file information returns with the IRS, reporting the above information. Routine uses of this information include giving it to the Department of Justice for civil and criminal litigation and to cities, states, the District of Columbia, and U.S. commonwealths and possessions for use in administering their laws. The information also may be disclosed to other countries under a treaty, to federal and state agencies to enforce civil and criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism. You must provide your TIN whether or not you are required to file a tax return. Under section 3406, payers must generally withhold a percentage of taxable interest, dividend, and certain other payments to a payee who does not give a TIN to the payer. Certain penalties may also apply for providing false or fraudulent information.



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EDGE • FEMALE BUSINESS ENTERPRISE • HUBZONE

**ASBESTOS MATERIAL SURVEY
AT
1243 Highland Avenue
Springfield, Ohio 45503**



**CONDUCTED FOR:
Clark County Land Bank
3130 E. Main Street, Suite 1A
Springfield, Ohio 45505**

Date: August 12, 2016
Job Number: HES16-2195

A copy of this report must be maintained on site during asbestos abatement as per revised
OAC 3701-34-04 © (2) Effective November 13, 2014



Date: August 12, 2016

Asbestos Survey To: Clark County Land Bank
 3130 E. Main Street, Suite 1A
 Springfield, Ohio 45505

Contact Person: Tom Hale
 Phone: 937-521-2164 E-Mail: thale@clarkcountyohio.gov

Asbestos Survey of: 1243 Highland Avenue
 Springfield, Ohio 45503

INTRODUCTION

We appreciate your consideration of *Hina Environmental Solutions*, LLC and are looking forward to working with you. We are committed to the highest ethics and integrity. We exist to serve our customers and to earn their trust, confidence and repeat business.

SCOPE OF WORK

As authorized by Tom Hale, on August 1, 2016, Brian Walker and Chad Melick with *Hina Environmental Solutions* performed an asbestos survey of the residence located at 1243 Highland Avenue in Springfield, Ohio. The purpose of this survey is to sample all suspicious friable and non-friable building materials for asbestos before the **demolition**. This survey is consistent with the requirements of 40 CFR (Code of Federal Regulations) 61, subpart M, "National Emission Standard for Asbestos" (NESHAAP regulations) prior to a planned standard practice burn, demolition or renovation project. Building owners and employers must comply with 40 CFR 61 subpart M, EPA rules governing asbestos handling and waste disposal in building demolition and renovation. We will also collect bulk samples for asbestos in accordance with the regulation adopted by U.S EPA pursuant to Title II of the Federal Toxic Substances Control Act found in 40 CFR Part 763.86.

Building Description

The one-story home was built in 1940 (Remodeled in 1986) and has approximately 1,024 square feet of living space. The interior consists of approximately 2,000 square feet of plaster, 2,000 square feet of drywall and 1,000 square feet of texture. The exterior consists of wood siding (under vinyl) and an asphalt roof.

Bulk Sample Testing

The following items were tested for asbestos:

SAMPLE	*HSN	DESCRIPTION & LOCATION	ASBESTOS %	CATEGORY
1A	1	Plaster – LR / Side A	NAD	N/A
1B	1	Skim Coat	NAD	N/A
2A	1	Plaster – LR / Side A	NAD	N/A
2B	1	Skim Coat	NAD	N/A
3A	1	Plaster – LR / Side A	NAD	N/A
3B	1	Skim Coat	NAD	N/A
4A	1	Plaster – BR1 / Side A	NAD	N/A
4B	1	Skim Coat	NAD	N/A

5A	1	Plaster – BR1 / Side A	NAD	N/A
5B	1	Skim Coat	NAD	N/A
6	2	Duct Insulation – Basement	65% Chry	RACM
7	2	Duct Insulation – Basement	Pos. Stop	RACM
8	2	Duct Insulation – Basement	Pos. Stop	RACM
9A	3	Textured Drywall – DR / Side A	NAD	N/A
9B	3	Joint Compound	NAD	N/A
10A	3	Textured Drywall – DR / Side A	NAD	N/A
10B	3	Joint Compound	NAD	N/A
11A	3	Textured Drywall – DR / Side C	NAD	N/A
11B	3	Joint Compound	NAD	N/A
12A	3	Textured Drywall – Bath / Ceiling	NAD	N/A
12B	3	Joint Compound	NAD	N/A
13A	3	Textured Drywall – Bath / Ceiling	NAD	N/A
13B	3	Joint Compound	NAD	N/A
14A	4	Flooring – Living Room	5% Chry	CAT I
14B	4	Mastic	NAD	N/A
15A	4	Flooring – Living Room	Pos. Stop	CAT I
15B	4	Mastic	NAD	N/A
16A	5	Window Glazing – Exterior	<1% Chry	Note 2
16B	5	Point Count	0.5% Chry	Note 2
17A	5	Window Glazing – Exterior	<1% Chry	Note 2
17B	5	Point Count	<0.25% Chry	Note 2
18	6	Ceiling Texture – Kitchen	NAD	N/A
19	6	Ceiling Texture – Kitchen	NAD	N/A
20	6	Ceiling Texture – Kitchen	NAD	N/A

***Homogeneous Sample Numbers**

1 Plaster, 2 Duct Insulation, 3 Textured Drywall/Compound, 4 Flooring, 5 Window Glazing, 6 Ceiling Texture.

Notes: (1) Asbestos Containing Materials as defined by EPA/NESHAP regulations
(2) OSHA regulations address materials containing any amount of asbestos

Conclusions and Recommendations

There is approximately 20 square feet of asbestos-containing duct insulation in the basement. This material must be removed by a licensed asbestos contractor before demolition commences.

There is approximately 180 square feet of asbestos-containing flooring in the Living Room. This material must be removed by a licensed asbestos contractor before demolition commences.

****NOTE****

There is approximately 10 square feet of presumed asbestos-containing roof flashing. The flashing is in good condition and may remain in place for the demolition.

There is approximately 900 square feet of presumed asbestos-containing shingled roofing. The roofing is in good condition and may remain in place for the demolition.

Regulations Information

According to OSHA Construction Industry Asbestos Standard contractors performing activities that disturb ACM, regardless of the amount involved are required to follow the Asbestos Standard governing workers exposed to asbestos.

Ohio Department of Health requires a 10 day notification period if asbestos building materials that are to be disturbed are more than 50 linear feet of 50 square feet. Also Ohio Administrative Code Chapter 3701-34-02 regulations require those who remove more than 50 linear feet or 50 square feet of friable ACM (or non-friable ACM, which may become friable if disturbed) to be properly licensed by the Ohio Department of Health.

Ohio Environment Protection Agency requires a 10 day notification period if asbestos building materials that are to be disturbed are more than 260 linear feet or 160 square feet. Notification of building demolition, regardless of whether ACM is present, to Ohio EPA is required at least 10 working days prior to a planned demolition.

Category I non-friable ACM such as the roofing was not sampled. According to EPA regulations, these materials can be assumed category 1 ACM. In their present, non-friable form they are not considered regulated ACM (RACM) by the EPA. They can be left in place during demolition (non-burning), and in a non-friable form these materials would not be subject to NESHAP waste disposal regulations. The demolition contractor must note the quantity of these materials on the EPA notification form. If a facility is to be used as a practice burn then all asbestos including category 1 ACM has to be removed prior to the practice burn.

Methodology

The EPA regulations require that the sample location be randomly selected. Suspect asbestos building materials were identified and samples of each type were taken from homogeneous areas. The number of sampled taken of each surfacing building material was procured according to the "3, 5, 7 rule".

Disclaimer

Concealed materials, which may be present beneath solid floors, above solid ceilings and between solid walls, if any, were not accessible for observation or sampling. During renovations if other materials are found please call for additional sampling.

Any questions or clarifications, please contact Brian Walker @ (614) 425-9914.

Hina Environmental Solutions, LLC

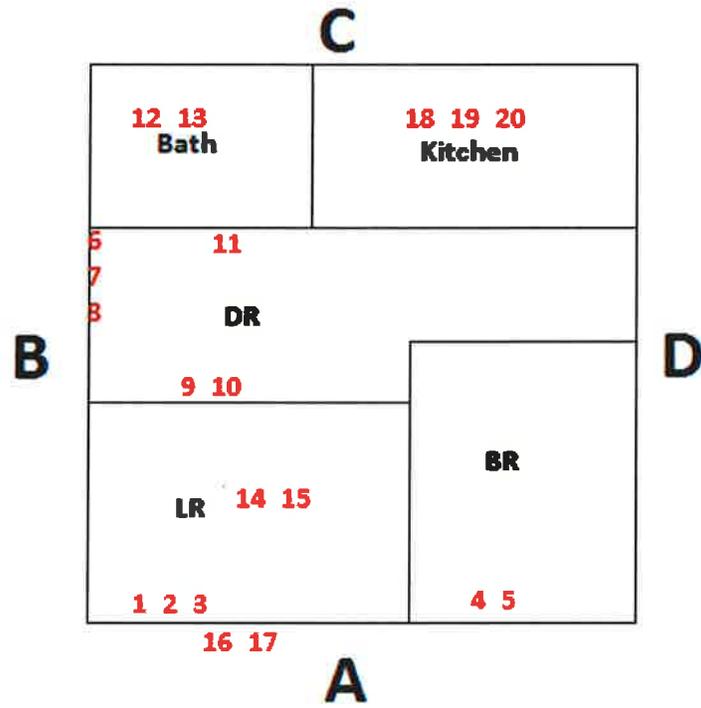


Brian Walker
Ohio Asbestos Hazard
Evaluation Specialist ES35451
Expires 2/17/2017



Chad Melick
Ohio Asbestos Hazard
Evaluation Specialist ES34325
Expires 3/9/2017

Floor Plan and Sample Locations



LAB REPORT

SanAir Technologies Laboratory

Analysis Report

prepared for

**Hina Enviromental Solutions,
LLC**

**Report Date: 8/4/2016
Project Name: Clark Co.
Project #: 16-2195
SanAir ID#: 16027017**



NVLAP LAB CODE 200870-0



Certification # 652931



License # LAB0166



804.897.1177

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SanAir Technologies Laboratory, Inc.

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Web: <http://www.sanair.com> E-mail: iaq@sanair.com

Hina Enviromental Solutions, LLC
995A Safin Road
Columbus, OH 43204

August 4, 2016

SanAir ID # 16027017
Project Name: Clark Co.
Project Number: 16-2195

Dear Walker,

We at SanAir would like to thank you for the work you recently submitted. The 20 sample(s) were received on Wednesday, August 03, 2016 via FedEx. The final report(s) is enclosed for the following sample(s): 1-1, 2-1, 3-1, 4-1, 5-1, 6-2, 7-2, 8-2, 9-3, 10-3, 11-3, 12-3, 13-3, 14-4, 15-4, 16-5, 17-5, 18-6, 19-6, 20-6.

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,

Sandra Sobrino
Asbestos & Materials Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:

- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

sample conditions:

22 sample(s) in Good condition



SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

16027017

FINAL REPORT

Name: Hina Enviromental Solutions, LLC
Address: 995A Safin Road
Columbus, OH 43204

Project Number: 16-2195
P.O. Number: 1243 Highland
Project Name: Clark Co.

Collected Date: 8/1/2016
Received Date: 8/3/2016 10:35:00 AM
Report Date: 8/4/2016 1:00:15 PM
Analyst: Toth, Elizabeth

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
1-1 / 16027017-001 Plaster, Plaster	Tan Non-Fibrous Homogeneous	5% Hair 5% Cellulose	90% Other	None Detected
1-1 / 16027017-001 Plaster, Skim Coat	Tan Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
2-1 / 16027017-002 Plaster, Plaster	Tan Non-Fibrous Homogeneous		100% Other	None Detected
2-1 / 16027017-002 Plaster, Skim Coat	Tan Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
3-1 / 16027017-003 Plaster, Plaster	Tan Non-Fibrous Homogeneous		100% Other	None Detected
3-1 / 16027017-003 Plaster, Skim Coat	Tan Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
4-1 / 16027017-004 Plaster, Plaster	Tan Non-Fibrous Homogeneous	5% Hair 5% Cellulose	90% Other	None Detected
4-1 / 16027017-004 Plaster, Skim Coat	Tan Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
5-1 / 16027017-005 Plaster, Plaster	Tan Non-Fibrous Homogeneous	5% Hair 5% Cellulose	90% Other	None Detected
5-1 / 16027017-005 Plaster, Skim Coat	Tan Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Analyst: *Elizabeth Toth*
Analysis Date: 8/4/2016

Approved Signatory: *[Signature]*
Date: 8/4/2016



SanAir Technologies Laboratory, Inc.

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804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

16027017

FINAL REPORT

Name: Hina Enviromental Solutions, LLC
Address: 995A Safin Road
Columbus, OH 43204

Project Number: 16-2195
P.O. Number: 1243 Highland
Project Name: Clark Co.

Collected Date: 8/1/2016
Received Date: 8/3/2016 10:35:00 AM
Report Date: 8/4/2016 1:00:15 PM
Analyst: Toth, Elizabeth

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
6-2 / 16027017-006 Duct Insulation	Grey Fibrous Homogeneous		35% Other		65% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
7-2 / 16027017-007 Duct Insulation					Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
8-2 / 16027017-008 Duct Insulation					Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
9-3 / 16027017-009 Textured Drywall/ Compound, Drywall	Off-White Non-Fibrous Homogeneous	5% Cellulose	95% Other		None Detected
9-3 / 16027017-009 Textured Drywall/ Compound, Texture	White Non-Fibrous Homogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
10-3 / 16027017-010 Textured Drywall/ Compound, Drywall	Off-White Non-Fibrous Homogeneous	5% Cellulose	95% Other		None Detected
10-3 / 16027017-010 Textured Drywall/ Compound, Texture	White Non-Fibrous Homogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
11-3 / 16027017-011 Textured Drywall/ Compound, Drywall	Off-White Non-Fibrous Homogeneous	5% Cellulose	95% Other		None Detected
11-3 / 16027017-011 Textured Drywall/ Compound, Texture	White Non-Fibrous Homogeneous		100% Other		None Detected

Certification

Analyst: *Elizabeth Toth*
Analysis Date: 8/4/2016

Approved Signatory: *[Signature]*
Date: 8/4/2016



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SanAir ID Number

16027017

FINAL REPORT

Name: Hina Enviromental Solutions, LLC
Address: 995A Safin Road
Columbus, OH 43204

Project Number: 16-2195
P.O. Number: 1243 Highland
Project Name: Clark Co.

Collected Date: 8/1/2016
Received Date: 8/3/2016 10:35:00 AM
Report Date: 8/4/2016 1:00:15 PM
Analyst: Toth, Elizabeth

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
12-3 / 16027017-012 Textured Drywall/ Compound, Drywall	Off-White Non-Fibrous Homogeneous	5% Cellulose	95% Other	None Detected
12-3 / 16027017-012 Textured Drywall/ Compound, Texture	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
13-3 / 16027017-013 Textured Drywall/ Compound, Drywall	Off-White Non-Fibrous Homogeneous	5% Cellulose	95% Other	None Detected
13-3 / 16027017-013 Textured Drywall/ Compound, Texture	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
14-4 / 16027017-014 Flooring, Flooring	Grey Non-Fibrous Heterogeneous		95% Other	5% Chrysotile
14-4 / 16027017-014 Flooring, Mastic	Yellow Non-Fibrous Homogeneous	2% Cellulose	98% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
15-4 / 16027017-015 Flooring, Flooring				Not Analyzed
15-4 / 16027017-015 Flooring, Mastic	Yellow Non-Fibrous Homogeneous	2% Cellulose	98% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
16-5 / 16027017-016 Window Glazing	Grey Non-Fibrous Homogeneous		100% Other	< 1% Chrysotile

Certification

Analyst: *Elizabeth Toth*
Analysis Date: 8/4/2016

Approved Signatory: *[Signature]*
Date: 8/4/2016



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SanAir ID Number

16027017

FINAL REPORT

Name: Hina Enviromental Solutions, LLC
Address: 995A Safin Road
Columbus, OH 43204

Project Number: 16-2195
P.O. Number: 1243 Highland
Project Name: Clark Co.

Collected Date: 8/1/2016
Received Date: 8/3/2016 10:35:00 AM
Report Date: 8/4/2016 1:00:15 PM
Analyst: Toth, Elizabeth

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
17-5 / 16027017-017 Window Glazing	Grey Non-Fibrous Homogeneous		100% Other	< 1% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
18-6 / 16027017-018 Textured Ceiling	White Non-Fibrous Homogeneous	3% Wollastonite	97% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
19-6 / 16027017-019 Textured Ceiling	White Non-Fibrous Homogeneous	3% Wollastonite	97% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
20-6 / 16027017-020 Textured Ceiling	White Non-Fibrous Homogeneous	3% Wollastonite	97% Other	None Detected

Certification

Analyst: *Elizabeth Toth*

Analysis Date: 8/4/2016

Approved Signatory:

Date: 8/4/2016

Page 6 of 11



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SanAir ID Number

16027017

FINAL REPORT

Name: Hina Enviromental Solutions, LLC
Address: 995A Safin Road
Columbus, OH 43204

Project Number: 16-2195
P.O. Number: 1243 Highland
Project Name: Clark Co.

Collected Date: 8/1/2016
Received Date: 8/3/2016 10:35:00 AM
Report Date: 8/4/2016 1:00:15 PM
Analyst: Toth, Elizabeth

Asbestos Bulk EPA PLM 400 Point Count

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
16-5 / 16027017-021 Window Glazing	Grey Non-Fibrous Homogeneous		99.5%	Other	0.5% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
17-5 / 16027017-022 Window Glazing	Grey Non-Fibrous Homogeneous		100%	Other	< 0.25% Chrysotile

Certification

Analyst: *Elizabeth Toth*

Analysis Date: 8/4/2016

Approved Signatory:

Date: 8/4/2016

Disclaimer

The final report cannot be reproduced, except in full, without written authorization from SanAir. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government.

For NY state samples, method EPA 600/M4-82-020 is performed.

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.

NY ELAP lab ID 11983

Disclaimer

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 www.sanair.com

**Asbestos
Chain of Custody**

SanAir ID Number
 16027017

Company: Hina Environmental		Project #: 16-2195	Collected by: WALKER
Address: 2824-B Fisher Rd.		Project Name: CLARK CO.	Phone #: 614-272-8780
City, St., Zip: Columbus, OH 43204		Date Collected: 8-1	Fax #: 614-272-8787
State of Collection: OH	Account#: 2158	P.O. Number: 1243 HIGHLAND	Email: bhina@hinaenvironmental.com

bwalker@hinaenvironmental.com cmelick@hinaenvironmental.com

Bulk		Air		Soil/Vermiculite	
ABB	PLM EPA 600/R-93/116 <input checked="" type="checkbox"/>	ABA	PCM NIOSH 7400 <input type="checkbox"/>	ABSE	PLM EPA 600/R-93/116 (Qual.) <input type="checkbox"/>
	Positive Stop <input checked="" type="checkbox"/>	ABA-2	OSHA w/ TWA* <input type="checkbox"/>	ABSP	PLM CARB 435 (LOD <1%) <input type="checkbox"/>
ABEPA	PLM EPA 400 Point Count <input type="checkbox"/>	ABTEM	TEM AHERA <input type="checkbox"/>	ABSP1	PLM CARB 435 (LOD 0.25%) <input type="checkbox"/>
ABB1K	PLM EPA 1000 Point Count <input type="checkbox"/>	ABATN	TEM NIOSH 7402 <input type="checkbox"/>	ABSP2	PLM CARB 435 (LOD 0.1%) <input type="checkbox"/>
ABBN	PLM EPA NOB <input type="checkbox"/>	ABT2	TEM Level II <input type="checkbox"/>		
ABBCH	TEM Chatfield <input type="checkbox"/>				
ABBTM	TEM EPA NOB <input type="checkbox"/>				
		New York ELAP		Dust	
		PLM NY	PLM 600/M4/82/020 <input type="checkbox"/>	ABWA	TEM Wipe ASTM D-6480 <input type="checkbox"/>
		ABEPA2	NY ELAP 198.1 <input type="checkbox"/>	ABDMV	TEM Microvac ASTM D-5755 <input type="checkbox"/>
		ABENY	NY ELAP 198.6 PLM NOB <input type="checkbox"/>		
		ABBNY	NY ELAP 198.4 TEM NOB <input type="checkbox"/>	Matrix	Other <input type="checkbox"/>

Turn Around Times	3 HR (4 HR TEM) <input type="checkbox"/>	6 HR (8HR TEM) <input type="checkbox"/>	12 HR <input type="checkbox"/>	24 HR <input checked="" type="checkbox"/>
	2 Days <input type="checkbox"/>	3 Days <input type="checkbox"/>	4 Days <input type="checkbox"/>	5 Days <input type="checkbox"/>

Special Instructions

Sample #	Sample Identification/Location	Room #	Side A-D
1-1	PLASTER	LR	A
2-1		1	1
3-1		1	1
4-1		BR 1	A
5-1		1	1
6-2	Duct INSULATION	BSMT	
7-2		1	20 SF
8-2		1	
9-3	TEXTURED CEILING / CORNER	DR	A
10-3		1	1
11-3		1	C
12-3		BATH	CORNER

Relinquished by	Date	Time	Received by	Date	Time
			MC	AUG 08 2016	10:35AM

Unless scheduled, the turn around time for all samples received after 3 pm EST Friday will begin at 8 am Monday morning. Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time. Work with standard turn around time sent Priority Overnight and Billed To Recipient will be charged a \$10 shipping fee. Positive Stop, Automatic Point count under 3%, Only test what is listed in description.

When Drywall or plaster is found to be positive do not continue to analyse the other layers.

ASBESTOS SCOPE OF WORK

1243 Highland Avenue
Springfield, Ohio 45503

ASBESTOS TO BE REMOVED (DEMOLITION)			
Description	Location	Quantity	Note
Duct Insulation	Basement	20 SF	
Flooring	Living Room	180 SF	

Suspicious Materials

RACM

Yes, No, N/A

- | | | | |
|-------------------------------------|-------------------------------------|--------------------------|--|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Pipe Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Pipe joints |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Valves |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Duct Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Boiler Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Breeching Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Boiler door insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Heat Exchanger Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Boiler Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Boiler Interior Components |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Gaskets |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Tank Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Cementious mud Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sprayed-on Fire Proofing |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Cloth-Like Tape used on furnace Ductwork (NOT Typical Gray Duct Tape) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Paper layers underneath wood flooring |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Paper layers above 1' x 1' ceiling tiles |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Outside layer on cork pipe insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Reflective light liners in old ceiling light fixtures |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Plaster |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Texture Ceiling |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Acoustical Plaster ceilings |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Vermiculite |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Drywall / Compound |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Ceiling Panels |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Texture Wall |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Stucco |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Fire Brick |

Category #1

Yes, No, N/A

- | | | | |
|-------------------------------------|-------------------------------------|--------------------------|--|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Packing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Gaskets |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Window, Door and Siding Caulking |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Window Glazing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Asphalt Roofing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Floor tile |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Floor Tile Mastic |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Ceiling tile |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Ceiling Tile Mastic |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Chalk Board Mastic |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Lab top Mastic |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Vibration Dampers |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Galvalume |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Mastics |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Backing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Cement panels (black "ebonized" ACM) in electrical fuse panels |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Felt layer behind corrugated exterior building siding |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Coating on bottom of stainless steel sinks |

- | | | | |
|-------------------------------------|-------------------------------------|--------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Exterior window glazing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Fire-stop compound at penetrations |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Basketball Backboards (on rear side) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Caulk used on building exteriors and expansion joints |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Cloth fire curtains |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite, and Fire-doors (White core Material) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Leveling Compounds |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Gunite |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Fire Doors |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Textured Paint |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Carpet Mastic |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Linoleum |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Stair Treads |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Mastic behind, drywall, paneling and other components |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Light weight concrete |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Built-up roof |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Roof Flashing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sink Insulation |

Category #2

Yes, No, N/A

- | | | | |
|--------------------------|-------------------------------------|--------------------------|-------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Siding |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Roofing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Walls |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Flue |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Soffits |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Chalk Boards |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Lab Tops |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Duct |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Conducts |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Lab hood liner |

Miscellaneous Materials

Yes, No, N/A

- | | | | |
|--------------------------|-------------------------------------|--------------------------|---------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Electrical Wiring |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Auditorium Curtains |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Fire Blankets |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Welding gloves |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Welding Apron |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Ironing Board Pad |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Table top pad |

Non-Suspect Materials

All metals, Glass, Metal, Rock, Fiberglass, Carpet, wood, plastic, brick, Ceramic tile, terrazzo floors, rubber, foam, and pressed wood.

3-5-7 Rule

TYPE OF SUSPECT MATERIAL	MINIMUM SAMPLING
<u>Surfacing Materials</u> (Acoustical materials, Plaster, fireproofing)	< 1,000sf = 3 samples < 5,000sf = 5 samples >5,000sf = 7 samples
<u>Thermal System Insulation</u> (Pipes, Ducts, Boilers, Tanks)	3 samples
<u>Class 11 Materials</u> (Drywall, Compound, Skim Coats, Textured surfaces)	< 1,000sf = 3 samples < 5,000sf = 5 samples >5,000sf = 7 samples
<u>Miscellaneous Materials</u> (Floor Tile, Mastic, Acoustical Panels, Roofing)	2 Samples



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EDGE • Female Business Enterprise • HUBZone

**ASBESTOS MATERIAL SURVEY
AT
867 Sherman Avenue
Springfield, Ohio 45503**



**CONDUCTED FOR:
Clark County Land Bank
3130 E. Main Street, Suite 1A
Springfield, Ohio 45505**

Date: August 12, 2016
Job Number: HES16-2194

A copy of this report must be maintained on site during asbestos abatement as per revised
OAC 3701-34-04 © (2) Effective November 13, 2014



Date: August 12, 2016

Asbestos Survey To: Clark County Land Bank
 3130 E. Main Street, Suite 1A
 Springfield, Ohio 45505

Contact Person: Tom Hale
 Phone: 937-521-2164 E-Mail: thale@clarkcountyohio.gov

Asbestos Survey of: 867 Sherman Avenue
 Springfield, Ohio 45503

INTRODUCTION

We appreciate your consideration of *Hina Environmental Solutions*, LLC and are looking forward to working with you. We are committed to the highest ethics and integrity. We exist to serve our customers and to earn their trust, confidence and repeat business.

SCOPE OF WORK

As authorized by Tom Hale, on August 1, 2016, Brian Walker and Chad Melick with *Hina Environmental Solutions* performed an asbestos survey of the residence located at 867 Sherman Avenue in Springfield, Ohio. The purpose of this survey is to sample all suspicious friable and non-friable building materials for asbestos before the **demolition**. This survey is consistent with the requirements of 40 CFR (Code of Federal Regulations) 61, subpart M, "National Emission Standard for Asbestos" (NESHAP regulations) prior to a planned standard practice burn, demolition or renovation project. Building owners and employers must comply with 40 CFR 61 subpart M, EPA rules governing asbestos handling and waste disposal in building demolition and renovation. We will also collect bulk samples for asbestos in accordance with the regulation adopted by U.S EPA pursuant to Title II of the Federal Toxic Substances Control Act found in 40 CFR Part 763.86.

Building Description

The two-story home was built in 1913 (Remodeled in 1979) and has approximately 1,120 square feet of living space. The interior consists of approximately 3,000 square feet of plaster and 1,000 square feet of ceiling texture. The exterior consists asphalt siding (under vinyl) and an asphalt roof.

Bulk Sample Testing

The following items were tested for asbestos:

SAMPLE	*HSN	DESCRIPTION & LOCATION	ASBESTOS %	CATEGORY
1	1	Duct Insulation – Interior Walls	60% Chry	RACM
2	1	Duct Insulation – Interior Walls	Pos. Stop	RACM
3	1	Duct Insulation – Interior Walls	Pos. Stop	RACM
4A	2	Ceiling Texture – Bathroom	NAD	N/A
4B	2	Plaster	NAD	N/A
4C	2	Skim Coat	NAD	N/A
5A	2	Ceiling Texture – Bathroom	NAD	N/A
5B	2	Plaster	NAD	N/A
5C	2	Skim Coat	NAD	N/A

6A	2	Ceiling Texture – Bathroom	NAD	N/A
6B	2	Plaster	NAD	N/A
6C	2	Skim Coat	NAD	N/A
7A	3	Texture – Hall	NAD	N/A
7B	3	Plaster	NAD	N/A
7C	3	Skim Coat	NAD	N/A
8A	3	Texture – Hall	NAD	N/A
8B	3	Plaster	NAD	N/A
8C	3	Skim Coat	NAD	N/A
9A	3	Texture – Hall	NAD	N/A
9B	3	Plaster	NAD	N/A
9C	3	Skim Coat	NAD	N/A
10A	3	Texture – Living Room	NAD	N/A
10B	3	Plaster	NAD	N/A
10C	3	Skim Coat	NAD	N/A
11	4	Flooring – Mud Room	20% Chry	CAT I
12	4	Flooring – Mud Room	Pos. Stop	CAT I
13	5	Patch Compound – Living Room	NAD	N/A
14	5	Patch Compound – Living Room	NAD	N/A
15	5	Patch Compound – Living Room	NAD	N/A
16	6	Roofing – Exterior	NAD	N/A
17	6	Roofing – Exterior	NAD	N/A
18A	7	Asphalt Siding – Exterior	NAD	N/A
18B	7	Caulking	5% Chry	CAT I
19A	7	Asphalt Siding – Exterior	NAD	N/A
19B	7	Caulking	Pos. Stop	CAT I

***Homogeneous Sample Numbers**

1 Duct Insulation, 2 Ceiling Texture, 3 Textured Plaster, 4 Flooring, 5 Patch Compound, 6 Roofing, 7 Asphalt Siding/Caulking.

Notes: (1) Asbestos Containing Materials as defined by EPA/NESHAP regulations
(2) OSHA regulations address materials containing any amount of asbestos

Conclusions and Recommendations

There is approximately 40 square feet of asbestos-containing duct insulation in the basement and interior walls. This material must be removed by a licensed asbestos contractor before demolition commences.

There is approximately 30 square feet of asbestos-containing flooring in the Mud Room. This material must be removed by a licensed asbestos contractor before demolition commences.

There is approximately 1,920 square feet of asbestos-containing asphalt siding caulking on the exterior (under vinyl siding). This material must be removed by a licensed asbestos contractor before demolition commences.

****NOTE****

There is approximately 20 square feet of presumed asbestos-containing roof flashing. The flashing is in good condition and may remain in place for the demolition.

There is approximately 1,300 square feet of presumed asbestos-containing shingled roofing. The roofing is in good condition and may remain in place for the demolition.

Regulations Information

According to OSHA Construction Industry Asbestos Standard contractors performing activities that disturb ACM, regardless of the amount involved are required to follow the Asbestos Standard governing workers exposed to asbestos.

Ohio Department of Health requires a 10 day notification period if asbestos building materials that are to be disturbed are more than 50 linear feet of 50 square feet. Also Ohio Administrative Code Chapter 3701-34-02 regulations require those who remove more than 50 linear feet or 50 square feet of friable ACM (or non-friable ACM, which may become friable if disturbed) to be properly licensed by the Ohio Department of Health.

Ohio Environment Protection Agency requires a 10 day notification period if asbestos building materials that are to be disturbed are more than 260 linear feet or 160 square feet. Notification of building demolition, regardless of whether ACM is present, to Ohio EPA is required at least 10 working days prior to a planned demolition.

Category I non-friable ACM such as the roofing was sampled. According to EPA regulations, these materials can be assumed category 1 ACM. In their present, non-friable form they are not considered regulated ACM (RACM) by the EPA. They can be left in place during demolition (non-burning), and in a non-friable form these materials would not be subject to NESHAP waste disposal regulations. The demolition contractor must note the quantity of these materials on the EPA notification form. If a facility is to be used as a practice burn then all asbestos including category 1 ACM has to be removed prior to the practice burn.

Methodology

The EPA regulations require that the sample location be randomly selected. Suspect asbestos building materials were identified and samples of each type were taken from homogeneous areas. The number of sampled taken of each surfacing building material was procured according to the "3, 5, 7 rule".

Disclaimer

Concealed materials, which may be present beneath solid floors, above solid ceilings and between solid walls, if any, were not accessible for observation or sampling. During renovations if other materials are found please call for additional sampling.

Any questions or clarifications, please contact Brian Walker @ (614) 425-9914.

Hina Environmental Solutions, LLC

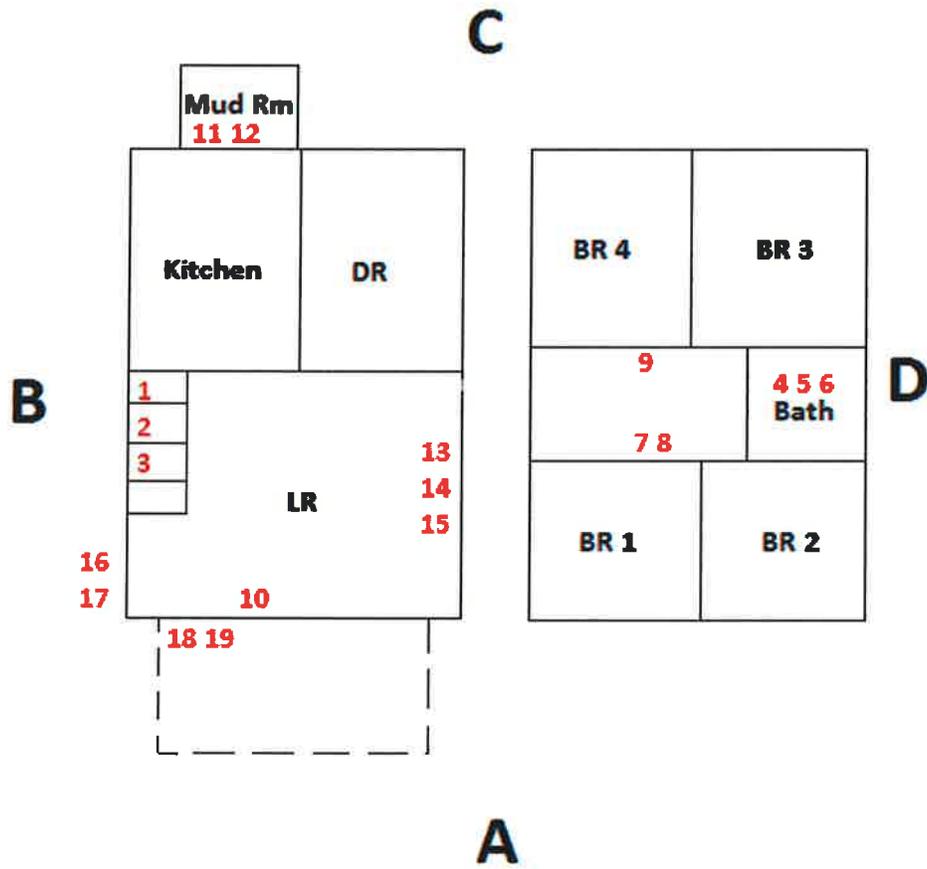


**Brian Walker
Ohio Asbestos Hazard
Evaluation Specialist ES35451
Expires 2/17/2017**



**Chad Melick
Ohio Asbestos Hazard
Evaluation Specialist ES34325
Expires 3/9/2017**

Floor Plan and Sample Locations



LAB REPORT

SanAir Technologies Laboratory

Analysis Report

prepared for

**Hina Enviromental Solutions,
LLC**

**Report Date: 8/4/2016
Project Name: Clark Co
Project #: 16-2194
SanAir ID#: 16027025**



NVLAP LAB CODE 200870-0



Certification # 652931



License # LAB0166



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SanAir Technologies Laboratory, Inc.

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Hina Enviromental Solutions, LLC
995A Safin Road
Columbus, OH 43204

August 4, 2016

SanAir ID # 16027025
Project Name: Clark Co
Project Number: 16-2194

Dear Walker,

We at SanAir would like to thank you for the work you recently submitted. The 19 sample(s) were received on Wednesday, August 03, 2016 via FedEx. The final report(s) is enclosed for the following sample(s): 1-1, 2-1, 3-1, 4-2, 5-2, 6-2, 7-3, 8-3, 9-3, 10-3, 11-4, 12-4, 13-5, 14-5, 15-5, 16-6, 17-6, 18-7, 19-7.

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,

Sandra Sobrino
Asbestos & Materials Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:

- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

sample conditions:

18 sample(s) in Good condition 1 sample(s) in Layer Missing condition



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SanAir ID Number

16027025

FINAL REPORT

Name: Hina Enviromental Solutions, LLC
Address: 995A Safin Road
Columbus, OH 43204

Project Number: 16-2194
P.O. Number: 867 Sherman
Project Name: Clark Co

Collected Date: 8/1/2016
Received Date: 8/3/2016 10:35:00 AM
Report Date: 8/4/2016 10:37:27 AM
Analyst: Robertson, Erin
Fleming, Christopher

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
1-1 / 16027025-001 Duct Insulation	Beige Fibrous Homogeneous	25% Cellulose	15% Other	60% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
2-1 / 16027025-002 Duct Insulation				Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
3-1 / 16027025-003 Duct Insulation				Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
4-2 / 16027025-004 Ceiling Texture/ Plaster, Texture	Beige Non-Fibrous Homogeneous		100% Other	None Detected
4-2 / 16027025-004 Ceiling Texture/ Plaster, Plaster	Grey Non-Fibrous Homogeneous		100% Other	None Detected
4-2 / 16027025-004 Ceiling Texture/ Plaster, Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
5-2 / 16027025-005 Ceiling Texture/ Plaster, Texture	Beige Non-Fibrous Homogeneous		100% Other	None Detected
5-2 / 16027025-005 Ceiling Texture/ Plaster, Plaster	Grey Non-Fibrous Homogeneous		100% Other	None Detected
5-2 / 16027025-005 Ceiling Texture/ Plaster, Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Analyst:

Analysis Date: 8/4/2016

Approved Signatory:

Date: 8/4/2016



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Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
6-2 / 16027025-006 Ceiling Texture/ Plaster, Texture	Beige Non-Fibrous Homogeneous		100% Other	None Detected
6-2 / 16027025-006 Ceiling Texture/ Plaster, Plaster	Grey Non-Fibrous Homogeneous		100% Other	None Detected
6-2 / 16027025-006 Ceiling Texture/ Plaster, Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
7-3 / 16027025-007 Textured Plaster, Texture	Beige Non-Fibrous Homogeneous		100% Other	None Detected
7-3 / 16027025-007 Textured Plaster, Plaster	Grey Non-Fibrous Homogeneous		100% Other	None Detected
7-3 / 16027025-007 Textured Plaster, Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
8-3 / 16027025-008 Textured Plaster, Texture	Beige Non-Fibrous Homogeneous		100% Other	None Detected
8-3 / 16027025-008 Textured Plaster, Plaster	Grey Non-Fibrous Homogeneous		100% Other	None Detected
8-3 / 16027025-008 Textured Plaster, Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
9-3 / 16027025-009 Textured Plaster, Texture	Beige Non-Fibrous Homogeneous		100% Other	None Detected
9-3 / 16027025-009 Textured Plaster, Plaster	Grey Non-Fibrous Homogeneous		100% Other	None Detected
9-3 / 16027025-009 Textured Plaster, Plaster	Gold Non-Fibrous Homogeneous		100% Other	None Detected
9-3 / 16027025-009 Textured Plaster, Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Analyst:

Analysis Date: 8/4/2016

Approved Signatory:

Date: 8/4/2016



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SanAir ID Number

16027025

FINAL REPORT

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Columbus, OH 43204

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Collected Date: 8/1/2016
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Analyst: Robertson, Erin
Fleming, Christopher

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
10-3 / 16027025-010 Textured Plaster, Texture	Beige Non-Fibrous Homogeneous			Not Submitted
10-3 / 16027025-010 Textured Plaster, Plaster	Grey Non-Fibrous Homogeneous		100% Other	None Detected
10-3 / 16027025-010 Textured Plaster, Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
11-4 / 16027025-011 Flooring	Tan Non-Fibrous Homogeneous		80% Other	20% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
12-4 / 16027025-012 Flooring				Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
13-5 / 16027025-013 Patch Compound, Compound	White Non-Fibrous Homogeneous		100% Other	None Detected
13-5 / 16027025-013 Patch Compound, Compound	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
14-5 / 16027025-014 Patch Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Analyst: 
Analysis Date: 8/4/2016

Approved Signatory: 
Date: 8/4/2016



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SanAir ID Number

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FINAL REPORT

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Report Date: 8/4/2016 10:37:27 AM
Analyst: Robertson, Erin
Fleming, Christopher

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
15-5 / 16027025-015 Patch Compound	Grey Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
16-6 / 16027025-016 Roofing	Black Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
17-6 / 16027025-017 Roofing	Black Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
18-7 / 16027025-018 Asphalt Siding/ Caulking, Siding	Black Non-Fibrous Homogeneous		100%	Other	None Detected
18-7 / 16027025-018 Asphalt Siding/ Caulking, Caulking	Off-White Non-Fibrous Homogeneous		95%	Other	5% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
19-7 / 16027025-019 Asphalt Siding/ Caulking, Siding	Black Non-Fibrous Homogeneous		100%	Other	None Detected
19-7 / 16027025-019 Asphalt Siding/ Caulking, Caulking	Off-White Non-Fibrous Homogeneous				Not Analyzed

Certification

Analyst:

Approved Signatory:

Analysis Date: 8/4/2016

Date: 8/4/2016

Disclaimer

The final report cannot be reproduced, except in full, without written authorization from SanAir. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government.

For NY state samples, method EPA 600/M4-82-020 is performed.

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.

NY ELAP lab ID 11983

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Asbestos Chain of Custody

SanAir ID Number
 16027025

Company: Hina Environmental	Project #: 16-2194	Collected by: Walker
Address: 2824 B Fisher Rd.	Project Name: LARK CO	Phone #: 614-272-8780
City, St. Zip: Columbus, OH 43204	Date Collected: 8-1	Fax #: 614-272-8787
State of Collection: OH	Account#: 2156	P.O. Number: 657 SUPERMAN
Email: bhina@hinaenvironmental.com		

<input checked="" type="checkbox"/> ABB	PLM EPA 600/R-93/116	<input checked="" type="checkbox"/> ABA	PCM NIOSH 7400	<input type="checkbox"/> ABSE	PLM EPA 600/R-93/116 (Qual.)
<input type="checkbox"/>	Positive Stop	<input type="checkbox"/>	ABA-2	<input type="checkbox"/>	ABSP
<input type="checkbox"/>	PLM EPA 400 Point Count	<input type="checkbox"/>	ABTEM	<input type="checkbox"/>	ABSP1
<input type="checkbox"/>	PLM EPA 1000 Point Count	<input type="checkbox"/>	ABATN	<input type="checkbox"/>	ABSP2
<input type="checkbox"/>	ABBN	<input type="checkbox"/>	ABT2	<input type="checkbox"/>	PLM CARB 435 (LOD 0.1%)
<input type="checkbox"/>	ABCH	<input type="checkbox"/>	TEM NIOSH 7402	<input type="checkbox"/>	PLM CARB 435 (LOD 0.25%)
<input type="checkbox"/>	ABBTM	<input type="checkbox"/>	TEM EPA NOB	<input type="checkbox"/>	PLM CARB 435 (LOD <1%)
<input type="checkbox"/>	ABHE	<input type="checkbox"/>	TEM EPA NOB	<input type="checkbox"/>	PLM EPA 600/R-93/116 (Qual.)
<input type="checkbox"/>	EPA 100.2	<input type="checkbox"/>	ABENY	<input type="checkbox"/>	PLM EPA 600/M4/82/020
<input type="checkbox"/>	Water	<input type="checkbox"/>	ABEPA2	<input type="checkbox"/>	TEM Microvac ASTM D-5755
<input type="checkbox"/>	ABBNY	<input type="checkbox"/>	NY ELAP 198.6 PLM NOB	<input type="checkbox"/>	TEM Wipe ASTM D-6480
<input type="checkbox"/>	ABBNY	<input type="checkbox"/>	NY ELAP 198.4 TEM NOB	<input type="checkbox"/>	Other

Turn Around Times	<input type="checkbox"/> 3 HR (4 HR TEM)	<input type="checkbox"/> 6 HR (8HR TEM)	<input type="checkbox"/> 12 HR	<input type="checkbox"/> 24 HR
	<input type="checkbox"/> 2 Days	<input type="checkbox"/> 3 Days	<input type="checkbox"/> 4 Days	<input type="checkbox"/> 5 Days

Special Instructions

Sample #	Sample Identification/Location	Room #	Side A-D
1-1	DUCT INSULATION	WILKS	
2-1			
3-1			
4-2	CERAMIC TILE / PLASTER	BATH	
5-2			
6-2			
7-3	TEXTURED PLASTER	HALL	
8-3			
9-3			
10-3	PLASTER	LC	A
11-4	FLOORING	MDD	
12-4		RM	

Relinquished by	Date	Time	Received by	Date	Time
			MC	AUG 02 2016	10:35 AM

Unless scheduled, the turn around time for all samples received after 3 pm EST Friday will begin at 8 am Monday morning. Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time. Work with standard turn around time sent Priority Overnight and Billed To Recipient will be charged a \$10 shipping fee. Positive Stop, Automatic Point count under 3%. Only test what is listed in description.

ASBESTOS SCOPE OF WORK

867 Sherman Avenue
Springfield, Ohio 45503

ASBESTOS TO BE REMOVED (DEMOLITION)			
Description	Location	Quantity	Note
Duct Insulation	Basement	40 SF	Interior Walls
Flooring	Mud Room	30 SF	
Asphalt Siding Caulking	Exterior	1920 SF	Under Vinyl Siding

Suspicious Materials

RACM

Yes, No, N/A

- | | | | |
|-------------------------------------|-------------------------------------|--------------------------|--|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Pipe Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Pipe joints |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Valves |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Duct Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Boiler Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Breeching Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Boiler door insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Heat Exchanger Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Boiler Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Boiler Interior Components |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Gaskets |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Tank Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Cementious mud Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sprayed-on Fire Proofing |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Cloth-Like Tape used on furnace Ductwork (NOT Typical Gray Duct Tape) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Paper layers underneath wood flooring |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Paper layers above 1' x 1' ceiling tiles |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Outside layer on cork pipe insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Reflective light liners in old ceiling light fixtures |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Plaster |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Texture Ceiling |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Acoustical Plaster ceilings |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Vermiculite |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Drywall / Compound |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Ceiling Panels |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Texture Wall |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Stucco |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Fire Brick |

Category #1

Yes, No, N/A

- | | | | |
|-------------------------------------|-------------------------------------|--------------------------|--|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Packing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Gaskets |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Window, Door and Siding Caulking |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Window Glazing |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Asphalt Roofing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Floor tile |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Floor Tile Mastic |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Ceiling tile |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Ceiling Tile Mastic |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Chalk Board Mastic |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Lab top Mastic |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Vibration Dampers |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Galvalume |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Mastics |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Backing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Cement panels (black "ebonized" ACM) in electrical fuse panels |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Felt layer behind corrugated exterior building siding |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Coating on bottom of stainless steel sinks |

- | | | | |
|-------------------------------------|-------------------------------------|--------------------------|---|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Exterior window glazing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Fire-stop compound at penetrations |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Basketball Backboards (on rear side) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Caulk used on building exteriors and expansion joints |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Cloth fire curtains |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite, and Fire-doors (White core Material) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Leveling Compounds |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Gunite |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Fire Doors |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Textured Paint |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Carpet Mastic |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Linoleum |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Stair Treads |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Mastic behind, drywall, paneling and other components |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Light weight concrete |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Built-up roof |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Roof Flashing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sink Insulation |

Category #2

Yes, No, N/A

- | | | | |
|--------------------------|-------------------------------------|--------------------------|-------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Siding |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Roofing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Walls |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Flue |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Soffits |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Chalk Boards |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Lab Tops |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Duct |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Conducts |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Lab hood liner |

Miscellaneous Materials

Yes, No, N/A

- | | | | |
|--------------------------|-------------------------------------|--------------------------|---------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Electrical Wiring |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Auditorium Curtains |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Fire Blankets |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Welding gloves |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Welding Apron |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Ironing Board Pad |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Table top pad |

Non-Suspect Materials

All metals, Glass, Metal, Rock, Fiberglass, Carpet, wood, plastic, brick, Ceramic tile, terrazzo floors, rubber, foam, and pressed wood.

3-5-7 Rule

TYPE OF SUSPECT MATERIAL	MINIMUM SAMPLING
<u>Surfacing Materials</u> (Acoustical materials, Plaster, fireproofing)	< 1,000sf = 3 samples < 5,000sf = 5 samples >5,000sf = 7 samples
<u>Thermal System Insulation</u> (Pipes, Ducts, Boilers, Tanks)	3 samples
<u>Class 11 Materials</u> (Drywall, Compound, Skim Coats, Textured surfaces)	< 1,000sf = 3 samples < 5,000sf = 5 samples >5,000sf = 7 samples
<u>Miscellaneous Materials</u> (Floor Tile, Mastic, Acoustical Panels, Roofing)	2 Samples



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COLUMBUS, OHIO 43204
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EDGE • FEMALE BUSINESS ENTERPRISE • HUBZ.com

**ASBESTOS MATERIAL SURVEY
AT
526 W. Southern Avenue
Springfield, Ohio 45506**



**CONDUCTED FOR:
Clark County Land Bank
3130 E. Main Street, Suite 1A
Springfield, Ohio 45505**

Date: August 12, 2016
Job Number: HES16-2196

A copy of this report must be maintained on site during asbestos abatement as per revised
OAC 3701-34-04 © (2) Effective November 13, 2014



Date: August 12, 2016

Asbestos Survey To: Clark County Land Bank
 3130 E. Main Street, Suite 1A
 Springfield, Ohio 45505

Contact Person: Tom Hale
 Phone: 937-521-2164 E-Mail: thale@clarkcountyohio.gov

Asbestos Survey of: 526 W Southern Avenue
 Springfield, Ohio 45506

INTRODUCTION

We appreciate your consideration of *Hina Environmental Solutions*, LLC and are looking forward to working with you. We are committed to the highest ethics and integrity. We exist to serve our customers and to earn their trust, confidence and repeat business.

SCOPE OF WORK

As authorized by Tom Hale, on August 1, 2016, Brian Walker and Chad Melick with *Hina Environmental Solutions* performed an asbestos survey of the residence located at 526 W Southern Avenue in Springfield, Ohio. The purpose of this survey is to sample all suspicious friable and non-friable building materials for asbestos before the **demolition**. This survey is consistent with the requirements of 40 CFR (Code of Federal Regulations) 61, subpart M, "National Emission Standard for Asbestos" (NESHAP regulations) prior to a planned standard practice burn, demolition or renovation project. Building owners and employers must comply with 40 CFR 61 subpart M, EPA rules governing asbestos handling and waste disposal in building demolition and renovation. We will also collect bulk samples for asbestos in accordance with the regulation adopted by U.S EPA pursuant to Title II of the Federal Toxic Substances Control Act found in 40 CFR Part 763.86.

Building Description

The one-story home was built in 1886 and has approximately 1,100 square feet of living space. The interior consists of approximately 3,000 square feet of plaster and 1,000 square feet of ceiling texture. The exterior consists of wood siding and an asphalt roof.

Bulk Sample Testing

The following items were tested for asbestos:

SAMPLE	*HSN	DESCRIPTION & LOCATION	ASBESTOS %	CATEGORY
1	1	Duct Insulation – Basement	50% Chry	RACM
2	1	Duct Insulation – Basement	Pos. Stop	RACM
3	1	Duct Insulation – Basement	Pos. Stop	RACM
4A	2	Plaster – LR / Side A	NAD	N/A
4B	2	Skim Coat	NAD	N/A
5A	2	Plaster – LR / Side D	NAD	N/A
5B	2	Skim Coat	NAD	N/A
6A	2	Plaster – DR / Side A	NAD	N/A
6B	2	Skim Coat	NAD	N/A

7A	2	Plaster – DR / Side D	NAD	N/A
7B	2	Skim Coat	NAD	N/A
8A	2	Plaster – Kitchen / Side D	NAD	N/A
8B	2	Skim Coat	NAD	N/A
9	3	Ceiling Texture – DR	NAD	N/A
10	3	Ceiling Texture – DR	NAD	N/A
11	3	Ceiling Texture – DR	NAD	N/A
12	4	Flooring – Kitchen	20% Chry	CAT I
13	4	Flooring – Kitchen	Pos. Stop	CAT I
14	5	Roofing – Exterior	NAD	N/A
15	5	Roofing – Exterior	NAD	N/A
16	6	Window Glazing – Exterior	NAD	N/A
17	6	Window Glazing – Exterior	NAD	N/A

***Homogeneous Sample Numbers**

1 Duct Insulation, 2 Plaster, 3 Ceiling Texture, 4 Flooring, 5 Roofing, 6 Window Glazing.

- Notes: (1) Asbestos Containing Materials as defined by EPA/NESHAP regulations
(2) OSHA regulations address materials containing any amount of asbestos

Conclusions and Recommendations

There is approximately 20 square feet of asbestos-containing duct insulation in the basement. This material must be removed by a licensed asbestos contractor before demolition commences.

There is approximately 180 square feet of asbestos-containing flooring in the Kitchen. This material must be removed by a licensed asbestos contractor before demolition commences.

****NOTE****

There is approximately 10 square feet of presumed asbestos-containing roof flashing. The flashing is in good condition and may remain in place for the demolition.

There is approximately 900 square feet of presumed asbestos-containing shingled roofing. The roofing is in good condition and may remain in place for the demolition.

Regulations Information

According to OSHA Construction Industry Asbestos Standard contractors performing activities that disturb ACM, regardless of the amount involved are required to follow the Asbestos Standard governing workers exposed to asbestos.

Ohio Department of Health requires a 10 day notification period if asbestos building materials that are to be disturbed are more than 50 linear feet or 50 square feet. Also Ohio Administrative Code Chapter 3701-34-02 regulations require those who remove more than 50 linear feet or 50 square feet of friable ACM (or non-friable ACM, which may become friable if disturbed) to be properly licensed by the Ohio Department of Health.

Ohio Environment Protection Agency requires a 10 day notification period if asbestos building materials that are to be disturbed are more than 260 linear feet or 160 square feet. Notification of building demolition, regardless of whether ACM is present, to Ohio EPA is required at least 10 working days prior to a planned demolition.

Category I non-friable ACM such as the roofing was sampled. According to EPA regulations, these materials can be assumed category 1 ACM. In their present, non-friable form they are not considered regulated ACM (RACM) by the EPA. They can be left in place during demolition (non-burning), and in a non-friable form these materials would not be subject to NESHAP waste disposal regulations. The demolition contractor must note the quantity of these materials on the EPA notification form. If a facility is to be used as a practice burn then all asbestos including category 1 ACM has to be removed prior to the practice burn.

Methodology

The EPA regulations require that the sample location be randomly selected. Suspect asbestos building materials were identified and samples of each type were taken from homogeneous areas. The number of samples taken of each surfacing building material was procured according to the "3, 5, 7 rule".

Disclaimer

Concealed materials, which may be present beneath solid floors, above solid ceilings and between solid walls, if any, were not accessible for observation or sampling. During renovations if other materials are found please call for additional sampling.

Any questions or clarifications, please contact Brian Walker @ (614) 425-9914.

Hina Environmental Solutions, LLC

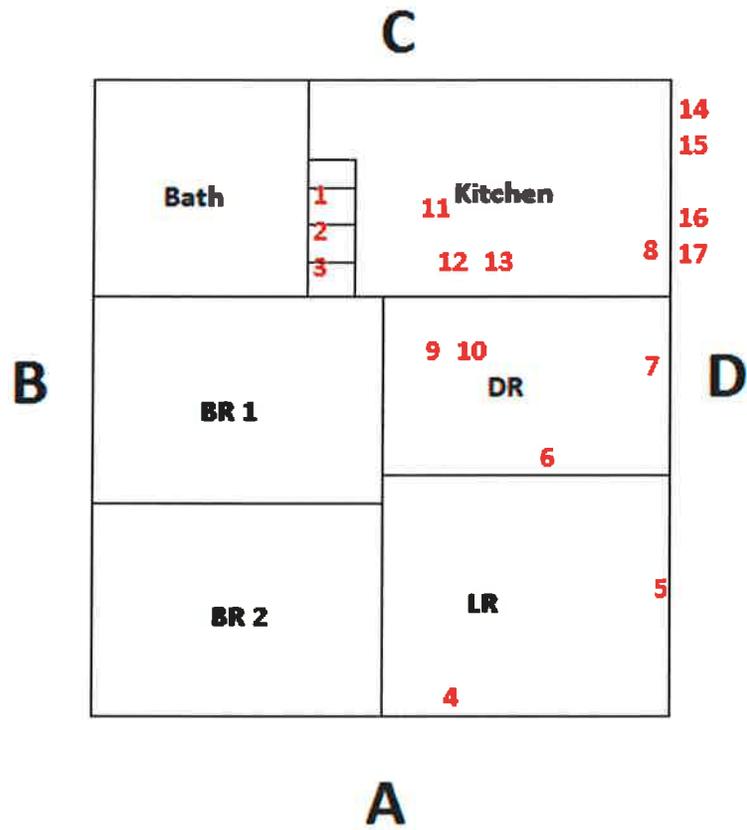


Brian Walker
Ohio Asbestos Hazard
Evaluation Specialist ES35451
Expires 2/17/2017



Chad Melick
Ohio Asbestos Hazard
Evaluation Specialist ES34325
Expires 3/9/2017

Floor Plan and Sample Locations



LAB REPORT

SanAir Technologies Laboratory

Analysis Report

prepared for

**Hina Enviromental Solutions,
LLC**

Report Date: 8/4/2016
Project Name: Clark Co.
Project #: 16-2196
SanAir ID#: 16027024



NVLAP LAB CODE 200870-0



Certification # 652931



License # LAB0166



804.897.1177

www.sanair.com



SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: <http://www.sanair.com> E-mail: iaq@sanair.com

Hina Enviromental Solutions, LLC
995A Safin Road
Columbus, OH 43204

August 4, 2016

SanAir ID # 16027024
Project Name: Clark Co.
Project Number: 16-2196

Dear Walker,

We at SanAir would like to thank you for the work you recently submitted. The 17 sample(s) were received on Wednesday, August 03, 2016 via FedEx. The final report(s) is enclosed for the following sample(s): 1-1, 2-1, 3-1, 4-2, 5-2, 6-2, 7-2, 8-2, 9-3, 10-3, 11-3, 12-4, 13-4, 14-5, 15-5, 16-6, 17-6.

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,

Sandra Sobrino
Asbestos & Materials Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:
- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

sample conditions:
17 sample(s) in Good condition



SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

16027024

FINAL REPORT

Name: Hina Enviromental Solutions, LLC
Address: 995A Safin Road
Columbus, OH 43204

Project Number: 16-2196
P.O. Number: 526 Southern
Project Name: Clark Co.

Collected Date: 8/1/2016
Received Date: 8/3/2016 10:35:00 AM
Report Date: 8/4/2016 10:33:16 AM
Analyst: Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
1-1 / 16027024-001 Duct Insulation	Grey Fibrous Homogeneous	40%	Cellulose	10% Other	50% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
2-1 / 16027024-002 Duct Insulation					Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
3-1 / 16027024-003 Duct Insulation					Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
4-2 / 16027024-004 Plaster, Plaster	Grey Non-Fibrous Homogeneous			100% Other	None Detected
4-2 / 16027024-004 Plaster, Skim Coat	White Non-Fibrous Homogeneous			100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
5-2 / 16027024-005 Plaster, Plaster	Grey Non-Fibrous Homogeneous			100% Other	None Detected
5-2 / 16027024-005 Plaster, Skim Coat	White Non-Fibrous Homogeneous			100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
6-2 / 16027024-006 Plaster, Plaster	Grey Non-Fibrous Homogeneous			100% Other	None Detected
6-2 / 16027024-006 Plaster, Skim Coat	White Non-Fibrous Homogeneous			100% Other	None Detected

Certification

Analyst: *[Signature]*
Analysis Date: 8/3/2016

Approved Signatory: *[Signature]*
Date: 8/4/2016



SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

16027024

FINAL REPORT

Name: Hina Enviromental Solutions, LLC
Address: 995A Safin Road
Columbus, OH 43204

Project Number: 16-2196
P.O. Number: 526 Southern
Project Name: Clark Co.

Collected Date: 8/1/2016
Received Date: 8/3/2016 10:35:00 AM
Report Date: 8/4/2016 10:33:16 AM
Analyst: Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
7-2 / 16027024-007 Plaster, Plaster	Grey Non-Fibrous Homogeneous		100% Other		None Detected
7-2 / 16027024-007 Plaster, Skim Coat	White Non-Fibrous Homogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
8-2 / 16027024-008 Plaster, Plaster	Grey Non-Fibrous Homogeneous		100% Other		None Detected
8-2 / 16027024-008 Plaster, Skim Coat	White Non-Fibrous Homogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
9-3 / 16027024-009 Ceiling Texture	White Non-Fibrous Homogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
10-3 / 16027024-010 Ceiling Texture	White Non-Fibrous Homogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
11-3 / 16027024-011 Ceiling Texture	White Non-Fibrous Homogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
12-4 / 16027024-012 Flooring	Tan Non-Fibrous Homogeneous		80% Other		20% Chrysotile

Certification

Analyst: *Nicholas Pisula*
Analysis Date: 8/3/2016

Approved Signatory: *Sandra Sobrin*
Date: 8/4/2016



SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

16027024

FINAL REPORT

Name: Hina Enviromental Solutions, LLC
Address: 995A Safin Road
Columbus, OH 43204

Project Number: 16-2196
P.O. Number: 526 Southern
Project Name: Clark Co.

Collected Date: 8/1/2016
Received Date: 8/3/2016 10:35:00 AM
Report Date: 8/4/2016 10:33:16 AM
Analyst: Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
13-4 / 16027024-013 Flooring					Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
14-5 / 16027024-014 Roofing	Blue Non-Fibrous Heterogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
15-5 / 16027024-015 Roofing	Blue Non-Fibrous Heterogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
16-6 / 16027024-016 Window Glazing	Beige Non-Fibrous Homogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
17-6 / 16027024-017 Window Glazing	Beige Non-Fibrous Homogeneous		100% Other		None Detected

Certification

Analyst: *Nicholas Pisula*
Analysis Date: 8/3/2016

Approved Signatory: *Sandra Sobieraj*
Date: 8/4/2016

Disclaimer

The final report cannot be reproduced, except in full, without written authorization from SanAir. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government.

For NY state samples, method EPA 600/M4-82-020 is performed.

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.

NY ELAP lab ID 11983

SanAir Technologies Laboratory, Inc.

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Asbestos Chain of Custody

SanAir ID Number
 16027024

Company: Hina Environmental		Project #: 16- 100 2196	Collected by: <i>AWALKER</i>
Address: 2824-B Fisher Rd.		Project Name: CLARK CO.	Phone #: 614-272-8780
City, St., Zip: Columbus, OH 43204		Date Collected: 8-1	Fax #: 614-272-8787
State of Collection: OH	Account#: 2156	P.O. Number: 576 SOUTHERN	Email: bhina@hinaenvironmental.com

bwalker@hinaenvironmental.com cmelick@hinaenvironmental.com

Bulk		Air		Soil/Vermiculite	
ABB	PLM EPA 600/R-93/116 <input checked="" type="checkbox"/>	ABA	PCM NIOSH 7400 <input type="checkbox"/>	ABSE	PLM EPA 600/R-93/116 (Qual.) <input type="checkbox"/>
	Positive Stop <input checked="" type="checkbox"/>	ABA-2	OSHA w/ TWA* <input type="checkbox"/>	ABSP	PLM CARB 435 (LOD <1%) <input type="checkbox"/>
ABEPA	PLM EPA 400 Point Count <input type="checkbox"/>	ABTEM	TEM AHERA <input type="checkbox"/>	ABSP1	PLM CARB 435 (LOD 0.25%) <input type="checkbox"/>
ABB1K	PLM EPA 1000 Point Count <input type="checkbox"/>	ABATN	TEM NIOSH 7402 <input type="checkbox"/>	ABSP2	PLM CARB 435 (LOD 0.1%) <input type="checkbox"/>
ABBN	PLM EPA NOB <input type="checkbox"/>	ABT2	TEM Level II <input type="checkbox"/>		
ABBCH	TEM Chatfield <input type="checkbox"/>				
ABBTM	TEM EPA NOB <input type="checkbox"/>				
		New York ELAP			
		PLM NY	PLM 600/M4/82/020 <input type="checkbox"/>	ABWA	TEM Wipe ASTM D-6480 <input type="checkbox"/>
		ABEPA2	NY ELAP 198.1 <input type="checkbox"/>	ABDMV	TEM Microvac ASTM D-5755 <input type="checkbox"/>
		ABENY	NY ELAP 198.6 PLM NOB <input type="checkbox"/>	Matrix	Other
ABHE	EPA 100.2 <input type="checkbox"/>	ABBNY	NY ELAP 198.4 TEM NOB <input type="checkbox"/>		

Turn Around Times	3 HR (4 HR TEM) <input type="checkbox"/>	6 HR (8HR TEM) <input type="checkbox"/>	12 HR <input type="checkbox"/>	24 HR <input checked="" type="checkbox"/>
	2 Days <input type="checkbox"/>	3 Days <input type="checkbox"/>	4 Days <input type="checkbox"/>	5 Days <input type="checkbox"/>

Special Instructions

Sample #	Sample Identification/Location	Room #	Side A-D
1-1	DUCT INSULATION	Basmt	
2-1		1	20 SF
3-1		1	
4-2	PLASTER	LR	A
5-2		1	D
6-2		DR	A
7-2		1	D
8-2		KITCH	D
9-3	CELING TEXTURE	DR	
10-3		1	
11-3		KITCH	
12-4	FLOOR JAH	KITCH	180 SF

Relinquished by	Date	Time	Received by	Date	Time
			<i>AC</i>	AUG 03 2018	10:35AM

Unless scheduled, the turn around time for all samples received after 3 pm EST Friday will begin at 8 am Monday morning. Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time. Work with standard turn around time sent Priority Overnight and Billed To Recipient will be charged a \$10 shipping fee. Positive Stop, Automatic Point count under 3%, Only test what is listed in description.

When Drywall or plaster is found to be positive do not continue to analyse the other layers. Page 1 of 1

ASBESTOS SCOPE OF WORK

**526 W Southern Avenue
Springfield, Ohio 45506**

ASBESTOS TO BE REMOVED (DEMOLITION)			
Description	Location	Quantity	Note
Duct Insulation	Basement	20 SF	
Flooring	Kitchen	180 SF	

Suspicious Materials

RACM

Yes, No, N/A

- | | | | |
|-------------------------------------|-------------------------------------|--------------------------|--|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Pipe Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Pipe joints |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Valves |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Duct Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Boiler Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Breeching Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Boiler door insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Heat Exchanger Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Boiler Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Boiler Interior Components |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Gaskets |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Tank Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Cementious mud Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sprayed-on Fire Proofing |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Cloth-Like Tape used on furnace Ductwork (NOT Typical Gray Duct Tape) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Paper layers underneath wood flooring |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Paper layers above 1' x 1' ceiling tiles |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Outside layer on cork pipe insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Reflective light liners in old ceiling light fixtures |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Plaster |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Texture Ceiling |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Acoustical Plaster ceilings |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Vermiculite |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Drywall / Compound |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Ceiling Panels |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Texture Wall |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Stucco |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Fire Brick |

Category #1

Yes, No, N/A

- | | | | |
|-------------------------------------|-------------------------------------|--------------------------|--|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Packing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Gaskets |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Window, Door and Siding Caulking |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Window Glazing |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Asphalt Roofing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Floor tile |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Floor Tile Mastic |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Ceiling tile |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Ceiling Tile Mastic |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Chalk Board Mastic |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Lab top Mastic |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Vibration Dampers |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Galvalume |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Mastics |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Backing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Cement panels (black "ebonized" ACM) in electrical fuse panels |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Felt layer behind corrugated exterior building siding |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Coating on bottom of stainless steel sinks |

- | | | | |
|-------------------------------------|-------------------------------------|--------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Exterior window glazing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Fire-stop compound at penetrations |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Basketball Backboards (on rear side) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Caulk used on building exteriors and expansion joints |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Cloth fire curtains |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite, and Fire-doors (White core Material) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Leveling Compounds |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Gunitite |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Fire Doors |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Textured Paint |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Carpet Mastic |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Linoleum |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Stair Treads |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Mastic behind, drywall, paneling and other components |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Light weight concrete |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Built-up roof |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Roof Flashing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sink Insulation |

Category #2

Yes, No, N/A

- | | | | |
|--------------------------|-------------------------------------|--------------------------|-------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Siding |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Roofing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Walls |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Flue |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Soffits |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Chalk Boards |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Lab Tops |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Duct |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Conducts |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Lab hood liner |

Miscellaneous Materials

Yes, No, N/A

- | | | | |
|--------------------------|-------------------------------------|--------------------------|---------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Electrical Wiring |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Auditorium Curtains |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Fire Blankets |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Welding gloves |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Welding Apron |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Ironing Board Pad |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Table top pad |

Non-Suspect Materials

All metals, Glass, Metal, Rock, Fiberglass, Carpet, wood, plastic, brick, Ceramic tile, terrazzo floors, rubber, foam, and pressed wood.

3-5-7 Rule

TYPE OF SUSPECT MATERIAL	MINIMUM SAMPLING
<u>Surfacing Materials</u> (Acoustical materials, Plaster, fireproofing)	< 1,000sf = 3 samples < 5,000sf = 5 samples >5,000sf = 7 samples
<u>Thermal System Insulation</u> (Pipes, Ducts, Boilers, Tanks)	3 samples
<u>Class 11 Materials</u> (Drywall, Compound, Skim Coats, Textured surfaces)	< 1,000sf = 3 samples < 5,000sf = 5 samples >5,000sf = 7 samples
<u>Miscellaneous Materials</u> (Floor Tile, Mastic, Acoustical Panels, Roofing)	2 Samples



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EDGE • FEMALE BUSINESS ENTREPRENEUR • HUBZ.com

**ASBESTOS MATERIAL SURVEY
AT
507 N. Race Street
Springfield, Ohio 45504**



**CONDUCTED FOR:
Clark County Land Bank
3130 E. Main Street, Suite 1A
Springfield, Ohio 45505**

Date: August 12, 2016
Job Number: HES16-2197

A copy of this report must be maintained on site during asbestos abatement as per revised
OAC 3701-34-04 © (2) Effective November 13, 2014



Date: August 12, 2016

Asbestos Survey To: Clark County Land Bank
 3130 E. Main Street, Suite 1A
 Springfield, Ohio 45505

Contact Person: Tom Hale
 Phone: 937-521-2164 E-Mail: thale@clarkcountyohio.gov

Asbestos Survey of: 507 N Race Street
 Springfield, Ohio 45504

INTRODUCTION

We appreciate your consideration of *Hina Environmental Solutions*, LLC and are looking forward to working with you. We are committed to the highest ethics and integrity. We exist to serve our customers and to earn their trust, confidence and repeat business.

SCOPE OF WORK

As authorized by Tom Hale, on August 1, 2016, Brian Walker and Chad Melick with *Hina Environmental Solutions* performed an asbestos survey of the residence located at 507 N Race Street in Springfield, Ohio. The purpose of this survey is to sample all suspicious friable and non-friable building materials for asbestos before the **demolition**. This survey is consistent with the requirements of 40 CFR (Code of Federal Regulations) 61, subpart M, "National Emission Standard for Asbestos" (NESHAP regulations) prior to a planned standard practice burn, demolition or renovation project. Building owners and employers must comply with 40 CFR 61 subpart M, EPA rules governing asbestos handling and waste disposal in building demolition and renovation. We will also collect bulk samples for asbestos in accordance with the regulation adopted by U.S EPA pursuant to Title II of the Federal Toxic Substances Control Act found in 40 CFR Part 763.86.

Building Description

The one-story home was built in 1896 and has approximately 962 square feet of living space. The interior consists of approximately 3,000 square feet of plaster and 1,000 square feet of ceiling texture. The exterior consists of wood siding and an asphalt roof.

Bulk Sample Testing

The following items were tested for asbestos:

SAMPLE	*HSN	DESCRIPTION & LOCATION	ASBESTOS %	CATEGORY
1A	1	Plaster – LR / Side A	NAD	N/A
1B	1	Skim Coat	NAD	N/A
1C	1	Texture	NAD	N/A
2A	1	Plaster – LR / Side B	NAD	N/A
2B	1	Skim Coat	NAD	N/A
2C	1	Texture	NAD	N/A
3A	2	Plaster – DR / Side B	NAD	N/A
3B	2	Skim Coat	NAD	N/A
3C	2	Texture	NAD	N/A

4A	2	Plaster – DR / Side B	NAD	N/A
4B	2	Skim Coat	NAD	N/A
4C	2	Texture	NAD	N/A
5A	2	Plaster – DR / Side C	NAD	N/A
5B	2	Skim Coat	NAD	N/A
5C	2	Texture	NAD	N/A
6A	3	Plaster – DR / Ceiling	NAD	N/A
6B	3	Skim Coat	NAD	N/A
6C	3	Texture	NAD	N/A
7A	3	Plaster – DR / Ceiling	NAD	N/A
7B	3	Skim Coat	NAD	N/A
7C	3	Texture	NAD	N/A
8A	3	Plaster – DR / Ceiling	NAD	N/A
8B	3	Skim Coat	NAD	N/A
8C	3	Texture	NAD	N/A
9A	4	Plaster – LR / Ceiling	NAD	N/A
9B	4	Skim Coat	NAD	N/A
9C	4	Texture	NAD	N/A
10A	4	Plaster – LR / Ceiling	NAD	N/A
10B	4	Skim Coat	NAD	N/A
10C	4	Texture	NAD	N/A
11A	4	Plaster – LR / Ceiling	NAD	N/A
11B	4	Skim Coat	NAD	N/A
11C	4	Texture	NAD	N/A
12	5	Floor Tile – Kitchen	NAD	N/A
13	5	Floor Tile – Kitchen	NAD	N/A
14	6	Duct Insulation – Basement	75% Chry	RACM
15	6	Duct Insulation – Basement	Pos. Stop	RACM
16	6	Duct Insulation – Basement	Pos. Stop	RACM

***Homogeneous Sample Numbers**

1 Plaster, 2 Textured Plaster, 3 Ceiling Texture, 4 Ceiling Texture, 5 Floor Tile, 6 Duct Insulation.

- Notes: (1) Asbestos Containing Materials as defined by EPA/NESHAP regulations
(2) OSHA regulations address materials containing any amount of asbestos

Conclusions and Recommendations

There is approximately 20 square feet of asbestos-containing duct insulation in the basement. This material must be removed by a licensed asbestos contractor before demolition commences.

****NOTE****

There is approximately 10 square feet of presumed asbestos-containing roof flashing. The flashing is in good condition and may remain in place for the demolition.

There is approximately 900 square feet of presumed asbestos-containing shingled roofing. The roofing is in good condition and may remain in place for the demolition.

Regulations Information

According to OSHA Construction Industry Asbestos Standard contractors performing activities that disturb ACM, regardless of the amount involved are required to follow the Asbestos Standard governing workers exposed to asbestos.

Ohio Department of Health requires a 10 day notification period if asbestos building materials that are to be disturbed are more than 50 linear feet or 50 square feet. Also Ohio Administrative Code Chapter 3701-34-02 regulations require those who remove more than 50 linear feet or 50 square feet of friable ACM (or non-friable ACM, which may become friable if disturbed) to be properly licensed by the Ohio Department of Health.

Ohio Environment Protection Agency requires a 10 day notification period if asbestos building materials that are to be disturbed are more than 260 linear feet or 160 square feet. Notification of building demolition, regardless of whether ACM is present, to Ohio EPA is required at least 10 working days prior to a planned demolition.

Category I non-friable ACM such as the roofing was not sampled. According to EPA regulations, these materials can be assumed category 1 ACM. In their present, non-friable form they are not considered regulated ACM (RACM) by the EPA. They can be left in place during demolition (non-burning), and in a non-friable form these materials would not be subject to NESHAP waste disposal regulations. The demolition contractor must note the quantity of these materials on the EPA notification form. If a facility is to be used as a practice burn then all asbestos including category 1 ACM has to be removed prior to the practice burn.

Methodology

The EPA regulations require that the sample location be randomly selected. Suspect asbestos building materials were identified and samples of each type were taken from homogeneous areas. The number of samples taken of each surfacing building material was procured according to the "3, 5, 7 rule".

Disclaimer

Concealed materials, which may be present beneath solid floors, above solid ceilings and between solid walls, if any, were not accessible for observation or sampling. During renovations if other materials are found please call for additional sampling.

Any questions or clarifications, please contact Brian Walker @ (614) 425-9914.

Hina Environmental Solutions, LLC

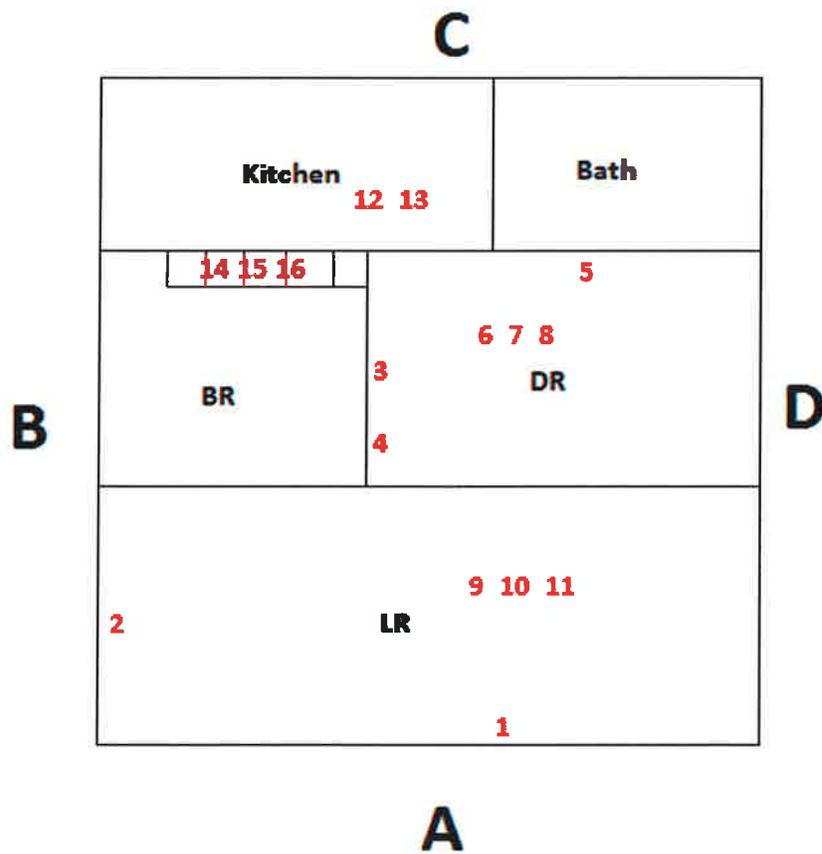


Brian Walker
Ohio Asbestos Hazard
Evaluation Specialist ES35451
Expires 2/17/2017



Chad Melick
Ohio Asbestos Hazard
Evaluation Specialist ES34325
Expires 3/9/2017

Floor Plan and Sample Locations



LAB REPORT

SanAir Technologies Laboratory

Analysis Report

prepared for

**Hina Enviromental Solutions,
LLC**

**Report Date: 8/4/2016
Project Name: Clark Co
Project #: 16-2197
SanAir ID#: 16027020**



NVLAP LAB CODE 200870-0



Certification # 652931



License # LAB0166



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SanAir Technologies Laboratory, Inc.

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Hina Enviromental Solutions, LLC
995A Safin Road
Columbus, OH 43204

August 4, 2016

SanAir ID # 16027020
Project Name: Clark Co
Project Number: 16-2197

Dear Walker,

We at SanAir would like to thank you for the work you recently submitted. The 16 sample(s) were received on Wednesday, August 03, 2016 via FedEx. The final report(s) is enclosed for the following sample(s): 1-1, 2-1, 3-2, 4-2, 5-2, 6-3, 7-3, 8-3, 9-4, 10-4, 11-4, 12-5, 13-5, 14-6, 15-6, 16-6.

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,

Sandra Sobrino
Asbestos & Materials Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:
- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

sample conditions:
16 sample(s) in Good condition



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SanAir ID Number

16027020

FINAL REPORT

Name: Hina Enviromental Solutions, LLC
Address: 995A Safin Road
Columbus, OH 43204

Project Number: 16-2197
P.O. Number: 507 N. Race St
Project Name: Clark Co

Collected Date: 8/1/2016
Received Date: 8/3/2016 10:35:00 AM
Report Date: 8/4/2016 9:56:59 AM
Analyst: Vaughan, Nathaniel

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
1-1 / 16027020-001 Plaster, Plaster	Brown Non-Fibrous Heterogeneous		100%	Other	None Detected
1-1 / 16027020-001 Plaster, Skim Coat	White Non-Fibrous Heterogeneous		100%	Other	None Detected
1-1 / 16027020-001 Plaster, Texture	White Non-Fibrous Heterogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
2-1 / 16027020-002 Plaster, Plaster	Brown Non-Fibrous Heterogeneous		100%	Other	None Detected
2-1 / 16027020-002 Plaster, Skim Coat	White Non-Fibrous Heterogeneous		100%	Other	None Detected
2-1 / 16027020-002 Plaster, Texture	White Non-Fibrous Heterogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
3-2 / 16027020-003 Texture Plaster, Plaster	Brown Non-Fibrous Heterogeneous		100%	Other	None Detected
3-2 / 16027020-003 Texture Plaster, Skim Coat	White Non-Fibrous Heterogeneous		100%	Other	None Detected
3-2 / 16027020-003 Texture Plaster, Texture	White Non-Fibrous Heterogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
4-2 / 16027020-004 Texture Plaster, Plaster	Brown Non-Fibrous Heterogeneous		100%	Other	None Detected
4-2 / 16027020-004 Texture Plaster, Skim Coat	White Non-Fibrous Heterogeneous		100%	Other	None Detected
4-2 / 16027020-004 Texture Plaster, Texture	White Non-Fibrous Heterogeneous		100%	Other	None Detected

Certification

Analyst: 
Analysis Date: 8/3/2016

Approved Signatory: 
Date: 8/4/2016



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			% Non-Fibrous		
5-2 / 16027020-005 Texture Plaster, Plaster	Brown Non-Fibrous Heterogeneous		100%	Other	None Detected
5-2 / 16027020-005 Texture Plaster, Skim Coat	White Non-Fibrous Heterogeneous		100%	Other	None Detected
5-2 / 16027020-005 Texture Plaster, Texture	White Non-Fibrous Heterogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
6-3 / 16027020-006 Ceiling Texture, Plaster	Brown Non-Fibrous Heterogeneous		100%	Other	None Detected
6-3 / 16027020-006 Ceiling Texture, Skim Coat	White Non-Fibrous Heterogeneous		100%	Other	None Detected
6-3 / 16027020-006 Ceiling Texture, Texture	White Non-Fibrous Heterogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
7-3 / 16027020-007 Ceiling Texture, Plaster	Brown Non-Fibrous Heterogeneous		100%	Other	None Detected
7-3 / 16027020-007 Ceiling Texture, Skim Coat	White Non-Fibrous Heterogeneous		100%	Other	None Detected
7-3 / 16027020-007 Ceiling Texture, Texture	White Non-Fibrous Heterogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
8-3 / 16027020-008 Ceiling Texture, Plaster	Brown Non-Fibrous Heterogeneous		100%	Other	None Detected
8-3 / 16027020-008 Ceiling Texture, Skim Coat	White Non-Fibrous Heterogeneous		100%	Other	None Detected
8-3 / 16027020-008 Ceiling Texture, Texture	White Non-Fibrous Heterogeneous		100%	Other	None Detected

Certification

Analyst: 
Analysis Date: 8/3/2016

Approved Signatory: 
Date: 8/4/2016



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Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
9-4 / 16027020-009 Ceiling Texture, Plaster	Brown Non-Fibrous Heterogeneous		100%	Other	None Detected
9-4 / 16027020-009 Ceiling Texture, Skim Coat	White Non-Fibrous Heterogeneous		100%	Other	None Detected
9-4 / 16027020-009 Ceiling Texture, Texture	White Non-Fibrous Heterogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
10-4 / 16027020-010 Ceiling Texture, Plaster	Brown Non-Fibrous Heterogeneous		100%	Other	None Detected
10-4 / 16027020-010 Ceiling Texture, Skim Coat	White Non-Fibrous Heterogeneous		100%	Other	None Detected
10-4 / 16027020-010 Ceiling Texture, Texture	White Non-Fibrous Heterogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
11-4 / 16027020-011 Ceiling Texture, Plaster	Brown Non-Fibrous Heterogeneous		100%	Other	None Detected
11-4 / 16027020-011 Ceiling Texture, Skim Coat	White Non-Fibrous Heterogeneous		100%	Other	None Detected
11-4 / 16027020-011 Ceiling Texture, Texture	White Non-Fibrous Heterogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
12-5 / 16027020-012 Floor Tile	Beige Non-Fibrous Heterogeneous		100%	Other	None Detected

Certification

Analyst:

Analysis Date: 8/3/2016

Approved Signatory:

Date: 8/4/2016

Page 5 of 9



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Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
13-5 / 16027020-013 Floor Tile	Beige Non-Fibrous Heterogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
14-6 / 16027020-014 Duct Insulation	White Fibrous Heterogeneous		25%	Other	75% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
15-6 / 16027020-015 Duct Insulation					Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
16-6 / 16027020-016 Duct Insulation					Not Analyzed

Certification

Analyst: 

Analysis Date: 8/3/2016

Approved Signatory:



Date: 8/4/2016

Disclaimer

The final report cannot be reproduced, except in full, without written authorization from SanAir. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government.

For NY state samples, method EPA 600/M4-82-020 is performed.

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.

NY ELAP lab ID 11983

SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B - Powhatan, VA 23139
 804-897-1177 / 888-895-1177 / Fax 804-897-0070
 www.sanair.com

**Asbestos
Chain of Custody**

SanAir ID Number

16027020

Company: Hina Environmental		Project #: 16-2197	Collected by: WALKER
Address: 2824-B Fisher Rd.		Project Name: C-ATK CO	Phone #: 614-272-8780
City, St., Zip: Columbus, OH 43204		Date Collected: 8-1	Fax #: 614-272-8787
State of Collection: OH	Account#: 2156	P.O. Number: 507 N RACE ST	Email: bhina@hinaenvironmental.com

bwalker@hinaenvironmental.com cmelick@hinaenvironmental.com

Bulk		Air		Soil/Vermiculite	
ABB	PLM EPA 600/R-93/116 <input checked="" type="checkbox"/>	ABA	PCM NIOSH 7400 <input type="checkbox"/>	ABSE	PLM EPA 600/R-93/116 (Qual.) <input type="checkbox"/>
	Positive Stop <input checked="" type="checkbox"/>	ABA-2	OSHA w/ TWA* <input type="checkbox"/>	ABSP	PLM CARB 435 (LOD <1%) <input type="checkbox"/>
ABEPA	PLM EPA 400 Point Count <input type="checkbox"/>	ABTEM	TEM AHERA <input type="checkbox"/>	ABSP1	PLM CARB 435 (LOD 0.25%) <input type="checkbox"/>
ABB1K	PLM EPA 1000 Point Count <input type="checkbox"/>	ABATN	TEM NIOSH 7402 <input type="checkbox"/>	ABSP2	PLM CARB 435 (LOD 0.1%) <input type="checkbox"/>
ABBN	PLM EPA NOB <input type="checkbox"/>	ABT2	TEM Level II <input type="checkbox"/>		
ABBCH	TEM Chatfield <input type="checkbox"/>				
ABBTM	TEM EPA NOB <input type="checkbox"/>				
		New York ELAP		Dust	
		PLM NY	PLM 600/M4/82/020 <input type="checkbox"/>	ABWA	TEM Wipe ASTM D-6480 <input type="checkbox"/>
		ABEPA2	NY ELAP 198.1 <input type="checkbox"/>	ABDMV	TEM Microvac ASTM D-5755 <input type="checkbox"/>
		ABENY	NY ELAP 198.6 PLM NOB <input type="checkbox"/>		
		ABBNY	NY ELAP 198.4 TEM NOB <input type="checkbox"/>	Matrix	Other
Water					
ABHE	EPA 100.2 <input type="checkbox"/>				

Turn Around Times	3 HR (4 HR TEM) <input type="checkbox"/>	6 HR (8HR TEM) <input type="checkbox"/>	12 HR <input type="checkbox"/>	24 HR <input checked="" type="checkbox"/>
	2 Days <input type="checkbox"/>	3 Days <input type="checkbox"/>	4 Days <input type="checkbox"/>	5 Days <input type="checkbox"/>

Special Instructions

Sample #	Sample Identification/Location	Room #	Side A-D
1-1	PLASTER	LR	A
2-1			B
3-2	TEXTURE PLASTER	DR	B
4-2			
5-2			C
6-3	CEILING TEXTURE	DR	
7-3			
8-3			
9-4	CEILING TEXTURE	LR	
10-4			
11-4			
12-5	FLOOR TILE	KITCHEN	

Relinquished by	Date	Time	Received by	Date	Time
			MC	AUG 03 2016	10:35 AM

Unless scheduled, the turn around time for all samples received after 3 pm EST Friday will begin at 8 am Monday morning. Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time. Work with standard turn around time sent Priority Overnight and Billed To Recipient will be charged a \$10 shipping fee. Positive Stop, Automatic Point count under 3%, Only test what is listed in description.

When Drywall or plaster is found to be positive do not continue to analyse the other layers. Page 1 of 1

ASBESTOS SCOPE OF WORK

507 N Race Street
Springfield, Ohio 45504

ASBESTOS TO BE REMOVED (DEMOLITION)			
Description	Location	Quantity	Note
Duct Insulation	Basement	20 SF	

Suspicious Materials

RACM

Yes, No, N/A

- | | | | |
|-------------------------------------|-------------------------------------|--------------------------|--|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Pipe Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Pipe joints |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Valves |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Duct Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Boiler Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Breeching Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Boiler door insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Heat Exchanger Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Boiler Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Boiler Interior Components |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Gaskets |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Tank Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Cementious mud Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sprayed-on Fire Proofing |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Cloth-Like Tape used on furnace Ductwork (NOT Typical Gray Duct Tape) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Paper layers underneath wood flooring |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Paper layers above 1' x 1' ceiling tiles |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Outside layer on cork pipe insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Reflective light liners in old ceiling light fixtures |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Plaster |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Texture Ceiling |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Acoustical Plaster ceilings |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Vermiculite |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Drywall / Compound |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Ceiling Panels |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Texture Wall |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Stucco |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Fire Brick |

Category #1

Yes, No, N/A

- | | | | |
|-------------------------------------|-------------------------------------|--------------------------|--|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Packing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Gaskets |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Window, Door and Siding Caulking |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Window Glazing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Asphalt Roofing |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Floor tile |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Floor Tile Mastic |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Ceiling tile |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Ceiling Tile Mastic |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Chalk Board Mastic |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Lab top Mastic |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Vibration Dampers |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Galvalume |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Mastics |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Backing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Cement panels (black "ebonized" ACM) in electrical fuse panels |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Felt layer behind corrugated exterior building siding |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Coating on bottom of stainless steel sinks |

- | | | | |
|--------------------------|-------------------------------------|--------------------------|---|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Exterior window glazing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Fire-stop compound at penetrations |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Basketball Backboards (on rear side) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Caulk used on building exteriors and expansion joints |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Cloth fire curtains |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite, and Fire-doors (White core Material) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Leveling Compounds |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Gunite |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Fire Doors |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Textured Paint |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Carpet Mastic |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Linoleum |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Stair Treads |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Mastic behind, drywall, paneling and other components |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Light weight concrete |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Built-up roof |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Roof Flashing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sink Insulation |

Category #2

Yes, No, N/A

- | | | | |
|--------------------------|-------------------------------------|--------------------------|-------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Siding |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Roofing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Walls |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Flue |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Soffits |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Chalk Boards |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Lab Tops |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Duct |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Conducts |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Lab hood liner |

Miscellaneous Materials

Yes, No, N/A

- | | | | |
|--------------------------|-------------------------------------|--------------------------|---------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Electrical Wiring |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Auditorium Curtains |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Fire Blankets |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Welding gloves |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Welding Apron |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Ironing Board Pad |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Table top pad |

Non-Suspect Materials

All metals, Glass, Metal, Rock, Fiberglass, Carpet, wood, plastic, brick, Ceramic tile, terrazzo floors, rubber, foam, and pressed wood.

3-5-7 Rule

TYPE OF SUSPECT MATERIAL	MINIMUM SAMPLING
<u>Surfacing Materials</u> (Acoustical materials, Plaster, fireproofing)	< 1,000sf = 3 samples < 5,000sf = 5 samples >5,000sf = 7 samples
<u>Thermal System Insulation</u> (Pipes, Ducts, Boilers, Tanks)	3 samples
<u>Class 11 Materials</u> (Drywall, Compound, Skim Coats, Textured surfaces)	< 1,000sf = 3 samples < 5,000sf = 5 samples >5,000sf = 7 samples
<u>Miscellaneous Materials</u> (Floor Tile, Mastic, Acoustical Panels, Roofing)	2 Samples

**ASBESTOS MATERIAL SURVEY
AT
341 W. Grand Avenue
Springfield, Ohio 45506**



**CONDUCTED FOR:
Clark County Land Bank
3130 E. Main Street, Suite 1A
Springfield, Ohio 45505**

Date: August 12, 2016
Job Number: HES16-2193

A copy of this report must be maintained on site during asbestos abatement as per revised
OAC 3701-34-04 © (2) Effective November 13, 2014



Date: August 12, 2016

Asbestos Survey To: Clark County Land Bank
 3130 E. Main Street, Suite 1A
 Springfield, Ohio 45505

Contact Person: Tom Hale
 Phone: 937-521-2164 E-Mail: thale@clarkcountyohio.gov

Asbestos Survey of: 341 W Grand Avenue
 Springfield, Ohio 45506

INTRODUCTION

We appreciate your consideration of *Hina Environmental Solutions*, LLC and are looking forward to working with you. We are committed to the highest ethics and integrity. We exist to serve our customers and to earn their trust, confidence and repeat business.

SCOPE OF WORK

As authorized by Tom Hale, on August 1, 2016, Brian Walker and Chad Melick with *Hina Environmental Solutions* performed an asbestos survey of the residence located at 341 W Grand Avenue in Springfield, Ohio. The purpose of this survey is to sample all suspicious friable and non-friable building materials for asbestos before the **demolition**. This survey is consistent with the requirements of 40 CFR (Code of Federal Regulations) 61, subpart M, "National Emission Standard for Asbestos" (NESHAP regulations) prior to a planned standard practice burn, demolition or renovation project. Building owners and employers must comply with 40 CFR 61 subpart M, EPA rules governing asbestos handling and waste disposal in building demolition and renovation. We will also collect bulk samples for asbestos in accordance with the regulation adopted by U.S EPA pursuant to Title II of the Federal Toxic Substances Control Act found in 40 CFR Part 763.86.

Building Description

The two-story home was built in 1913 and has approximately 1,600 square feet of living space. The interior consists of approximately 5,000 square feet of drywall and 5,000 square feet of plaster. The exterior consists wood siding and an asphalt roof.

Bulk Sample Testing

The following items were tested for asbestos:

SAMPLE	*HSN	DESCRIPTION & LOCATION	ASBESTOS %	CATEGORY
1	1	Window Glazing – Exterior	NAD	N/A
2	1	Window Glazing – Exterior	NAD	N/A
3A	2	Plaster – LR (Up) / Side A	NAD	N/A
3B	2	Skim Coat	NAD	N/A
4A	2	Plaster – LR (Up) / Side D	NAD	N/A
4B	2	Skim Coat	NAD	N/A
5A	2	Plaster – Kitchen (Up) / Side C	NAD	N/A
5B	2	Skim Coat	NAD	N/A
6A	2	Plaster – Kitchen (Up) / Side D	NAD	N/A

6B	2	Skim Coat	NAD	N/A
7A	2	Plaster – Kitchen (Down) / Side D	NAD	N/A
7B	2	Skim Coat	NAD	N/A
8A	2	Plaster – LR (Down) / Side A	NAD	N/A
8B	2	Skim Coat	NAD	N/A
9A	2	Plaster – LR (Down) / Side B	NAD	N/A
9B	2	Skim Coat	NAD	N/A
10	3	Duct Insulation – Basement	60% Chry	RACM
11	3	Duct Insulation – Basement	Pos. Stop	RACM
12	3	Duct Insulation – Basement	Pos. Stop	RACM
13	4	Flooring – Basement Landing	20% Chry	CAT I
14	4	Flooring – Basement Landing	Pos. Stop	CAT I
15A	5	Textured Drywall – LR (Down)/ Side C	NAD	N/A
15B	5	Joint Compound	NAD	N/A
16A	5	Textured Drywall – LR (Down)/ Side D	NAD	N/A
16B	5	Joint Compound	NAD	N/A
17A	5	Textured Drywall – LR (Down)/ Side D	NAD	N/A
17B	5	Joint Compound	NAD	N/A
18A	5	Textured Drywall – BR1 (Down)/ Side B	NAD	N/A
18B	5	Joint Compound	NAD	N/A
19A	5	Textured Drywall – BR1 (Down)/ Side C	NAD	N/A
19B	5	Joint Compound	NAD	N/A
20A	5	Textured Drywall – BR1 (Down)/ Side C	NAD	N/A
20B	5	Joint Compound	NAD	N/A
21A	5	Textured Drywall – Hall (Down)/ Side A	NAD	N/A
21B	5	Joint Compound	NAD	N/A
22	6	Roofing – Exterior	NAD	N/A
23	6	Roofing – Exterior	NAD	N/A
24	7	Ceiling Tile – LR (Up)	NAD	N/A
25	7	Ceiling Tile – LR (Up)	NAD	N/A

***Homogeneous Sample Numbers**

1 Window Glazing, 2 Plaster, 3 Duct Insulation, 4 Flooring, 5 Texture Drywall/Compound, 6 Roofing, 7 Ceiling Tile.

Notes: (1) Asbestos Containing Materials as defined by EPA/NESHAP regulations
(2) OSHA regulations address materials containing any amount of asbestos

Conclusions and Recommendations

There is approximately 40 square feet of asbestos-containing duct insulation in the basement and interior walls. This material must be removed by a licensed asbestos contractor before demolition commences.

There is approximately 10 square feet of asbestos-containing flooring in the basement landing. This material must be removed by a licensed asbestos contractor before demolition commences.

****NOTE****

There is approximately 20 square feet of presumed asbestos-containing roof flashing. The flashing is in good condition and may remain in place for the demolition.

There is approximately 1,300 square feet of presumed asbestos-containing shingled roofing. The roofing is in good condition and may remain in place for the demolition.

Regulations Information

According to OSHA Construction Industry Asbestos Standard contractors performing activities that disturb ACM, regardless of the amount involved are required to follow the Asbestos Standard governing workers exposed to asbestos.

Ohio Department of Health requires a 10 day notification period if asbestos building materials that are to be disturbed are more than 50 linear feet of 50 square feet. Also Ohio Administrative Code Chapter 3701-34-02 regulations require those who remove more than 50 linear feet or 50 square feet of friable ACM (or non-friable ACM, which may become friable if disturbed) to be properly licensed by the Ohio Department of Health.

Ohio Environment Protection Agency requires a 10 day notification period if asbestos building materials that are to be disturbed are more than 260 linear feet or 160 square feet. Notification of building demolition, regardless of whether ACM is present, to Ohio EPA is required at least 10 working days prior to a planned demolition.

Category I non-friable ACM such as the roofing was sampled. According to EPA regulations, these materials can be assumed category 1 ACM. In their present, non-friable form they are not considered regulated ACM (RACM) by the EPA. They can be left in place during demolition (non-burning), and in a non-friable form these materials would not be subject to NESHAP waste disposal regulations. The demolition contractor must note the quantity of these materials on the EPA notification form. If a facility is to be used as a practice burn then all asbestos including category 1 ACM has to be removed prior to the practice burn.

Methodology

The EPA regulations require that the sample location be randomly selected. Suspect asbestos building materials were identified and samples of each type were taken from homogeneous areas. The number of sampled taken of each surfacing building material was procured according to the "3, 5, 7 rule".

Disclaimer

Concealed materials, which may be present beneath solid floors, above solid ceilings and between solid walls, if any, were not accessible for observation or sampling. During renovations if other materials are found please call for additional sampling.

Any questions or clarifications, please contact Brian Walker @ (614) 425-9914.

Hina Environmental Solutions, LLC

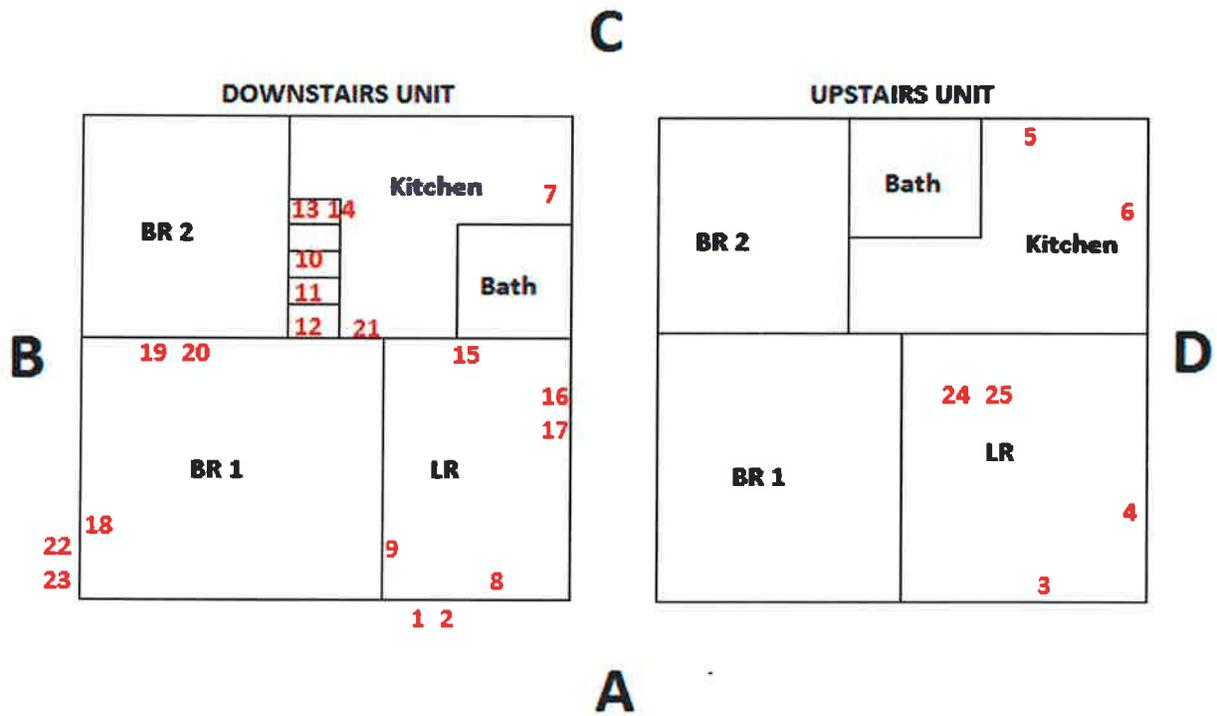


Brian Walker
Ohio Asbestos Hazard
Evaluation Specialist ES35451
Expires 2/17/2017



Chad Melick
Ohio Asbestos Hazard
Evaluation Specialist ES34325
Expires 3/9/2017

Floor Plan and Sample Locations



LAB REPORT

SanAir Technologies Laboratory

Analysis Report

prepared for

**Hina Enviromental Solutions,
LLC**

**Report Date: 8/4/2016
Project Name: Clark Co
Project #: 16-2193
SanAir ID#: 16027022**



NVLAP LAB CODE 200870-0



Certification # 652931



License # LA80166



804.897.1177

www.sanair.com



SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: <http://www.sanair.com> E-mail: iaq@sanair.com

Hina Enviromental Solutions, LLC
995A Safin Road
Columbus, OH 43204

August 4, 2016

SanAir ID # 16027022
Project Name: Clark Co
Project Number: 16-2193

Dear Walker,

We at SanAir would like to thank you for the work you recently submitted. The 25 sample(s) were received on Wednesday, August 03, 2016 via FedEx. The final report(s) is enclosed for the following sample(s): 1-1, 2-1, 3-2, 4-2, 5-2, 6-2, 7-2, 8-2, 9-2, 10-3, 11-3, 12-3, 13-4, 14-4, 15-5, 16-5, 17-5, 18-5, 19-5, 20-5, 21-5, 22-6, 23-6, 24-7, 25-7.

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,

Sandra Sobrino
Asbestos & Materials Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:

- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

sample conditions:

25 sample(s) in Good condition



SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

16027022

FINAL REPORT

Name: Hina Environmental Solutions, LLC
Address: 995A Safin Road
Columbus, OH 43204

Project Number: 16-2193
P.O. Number: 341 W. Grand
Project Name: Clark Co

Collected Date: 8/1/2016
Received Date: 8/3/2016 10:35:00 AM
Report Date: 8/4/2016 10:27:56 AM
Analyst: Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
1-1 / 16027022-001 Window Glazing	White Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
2-1 / 16027022-002 Window Glazing	White Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
3-2 / 16027022-003 Plaster, Plaster	Grey Non-Fibrous Homogeneous		100%	Other	None Detected
3-2 / 16027022-003 Plaster, Skim Coat	White Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
4-2 / 16027022-004 Plaster, Plaster	Grey Non-Fibrous Homogeneous		100%	Other	None Detected
4-2 / 16027022-004 Plaster, Skim Coat	White Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
5-2 / 16027022-005 Plaster, Plaster	Grey Non-Fibrous Homogeneous		100%	Other	None Detected
5-2 / 16027022-005 Plaster, Skim Coat	White Non-Fibrous Homogeneous		100%	Other	None Detected

Certification

Analyst: 
Analysis Date: 8/4/2016

Approved Signatory: 
Date: 8/4/2016



SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

16027022

FINAL REPORT

Name: Hina Enviromental Solutions, LLC
Address: 995A Safin Road
Columbus, OH 43204

Project Number: 16-2193
P.O. Number: 341 W. Grand
Project Name: Clark Co

Collected Date: 8/1/2016
Received Date: 8/3/2016 10:35:00 AM
Report Date: 8/4/2016 10:27:56 AM
Analyst: Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
6-2 / 16027022-006 Plaster, Plaster	Grey Non-Fibrous Homogeneous		100%	Other	None Detected
6-2 / 16027022-006 Plaster, Skim Coat	White Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
7-2 / 16027022-007 Plaster, Plaster	Grey Non-Fibrous Homogeneous		100%	Other	None Detected
7-2 / 16027022-007 Plaster, Skim Coat	White Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
8-2 / 16027022-008 Plaster, Plaster	Grey Non-Fibrous Homogeneous		100%	Other	None Detected
8-2 / 16027022-008 Plaster, Skim Coat	White Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
9-2 / 16027022-009 Plaster, Plaster	Grey Non-Fibrous Homogeneous		100%	Other	None Detected
9-2 / 16027022-009 Plaster, Skim Coat	White Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
10-3 / 16027022-010 Duct Insulation	Grey Fibrous Homogeneous	35% Cellulose	5%	Other	60% Chrysotile

Certification

Analyst:

Approved Signatory:

Analysis Date: 8/4/2016

Date: 8/4/2016



SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

16027022

FINAL REPORT

Name: Hina Enviromental Solutions, LLC
Address: 995A Safin Road
Columbus, OH 43204

Project Number: 16-2193
P.O. Number: 341 W. Grand
Project Name: Clark Co

Collected Date: 8/1/2016
Received Date: 8/3/2016 10:35:00 AM
Report Date: 8/4/2016 10:27:56 AM
Analyst: Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
11-3 / 16027022-011 Duct Insulation					Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
12-3 / 16027022-012 Duct Insulation					Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
13-4 / 16027022-013 Flooring	Tan Non-Fibrous Homogeneous		80% Other		20% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
14-4 / 16027022-014 Flooring					Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
15-5 / 16027022-015 Textured Drywall/ Compound, Drywall	Grey Non-Fibrous Homogeneous	5% Cellulose	95% Other		None Detected
15-5 / 16027022-015 Textured Drywall/ Compound, Joint Compound	White Non-Fibrous Homogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
16-5 / 16027022-016 Textured Drywall/ Compound, Drywall	Grey Non-Fibrous Homogeneous	5% Cellulose	95% Other		None Detected
16-5 / 16027022-016 Textured Drywall/ Compound, Joint Compound	White Non-Fibrous Homogeneous		100% Other		None Detected

Certification

Analyst:

Analysis Date: 8/4/2016

Approved Signatory:

Date: 8/4/2016



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Collected Date: 8/1/2016
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Report Date: 8/4/2016 10:27:56 AM
Analyst: Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
17-5 / 16027022-017 Textured Drywall/ Compound, Drywall	Grey Non-Fibrous Homogeneous	5% Cellulose	95% Other	None Detected
17-5 / 16027022-017 Textured Drywall/ Compound, Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
18-5 / 16027022-018 Textured Drywall/ Compound, Drywall	Grey Non-Fibrous Homogeneous	5% Cellulose	95% Other	None Detected
18-5 / 16027022-018 Textured Drywall/ Compound, Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
19-5 / 16027022-019 Textured Drywall/ Compound, Drywall	Grey Non-Fibrous Homogeneous	5% Cellulose	95% Other	None Detected
19-5 / 16027022-019 Textured Drywall/ Compound, Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
20-5 / 16027022-020 Textured Drywall/ Compound, Drywall	Grey Non-Fibrous Homogeneous	5% Cellulose	95% Other	None Detected
20-5 / 16027022-020 Textured Drywall/ Compound, Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
21-5 / 16027022-021 Textured Drywall/ Compound, Drywall	Grey Non-Fibrous Homogeneous	5% Cellulose	95% Other	None Detected
21-5 / 16027022-021 Textured Drywall/ Compound, Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Analyst: 
Analysis Date: 8/4/2016

Approved Signatory: 
Date: 8/4/2016



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SanAir ID Number

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FINAL REPORT

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Address: 995A Safin Road
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Project Number: 16-2193
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Project Name: Clark Co

Collected Date: 8/1/2016
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Report Date: 8/4/2016 10:27:56 AM
Analyst: Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
22-6 / 16027022-022 Roofing	Black Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
23-6 / 16027022-023 Roofing	Black Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
24-7 / 16027022-024 Ceiling Tile	White Fibrous Homogeneous	60% Cellulose 15% Glass 15% Min. Wool	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
25-7 / 16027022-025 Ceiling Tile	White Fibrous Homogeneous	60% Cellulose 15% Glass 15% Min. Wool	10% Other	None Detected

Certification

Analyst: 

Analysis Date: 8/4/2016

Approved Signatory: 

Date: 8/4/2016

Disclaimer

The final report cannot be reproduced, except in full, without written authorization from SanAir. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government.

For NY state samples, method EPA 600/M4-82-020 is performed.

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.

NY ELAP lab ID 11983

SanAir Technologies Laboratory, Inc.

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 www.sanair.com

**Asbestos
Chain of Custody**

SanAir ID Number

16027022

Company: Hina Environmental		Project #: 16-2193	Collected by: WALKER
Address: 2824-B Fisher Rd.		Project Name: CLARK CO	Phone #: 614-272-8780
City, St., Zip: Columbus, OH 43204		Date Collected: 8-1	Fax #: 614-272-8787
State of Collection: OH	Account#: 2156	P.O. Number: 541 W GRAND	Email: bhina@hinaenvironmental.com

bwalker@hinaenvironmental.com cmelick@hinaenvironmental.com

Bulk		Air		Soil/Vermiculite	
ABB	PLM EPA 600/R-93/116 <input checked="" type="checkbox"/>	ABA	PCM NIOSH 7400 <input type="checkbox"/>	ABSE	PLM EPA 600/R-93/116 (Qual.) <input type="checkbox"/>
	Positive Stop <input checked="" type="checkbox"/>	ABA-2	OSHA w/ TWA* <input type="checkbox"/>	ABSP	PLM CARB 435 (LOD <1%) <input type="checkbox"/>
ABEPA	PLM EPA 400 Point Count <input type="checkbox"/>	ABTEM	TEM AHERA <input type="checkbox"/>	ABSP1	PLM CARB 435 (LOD 0.25%) <input type="checkbox"/>
ABB1K	PLM EPA 1000 Point Count <input type="checkbox"/>	ABATN	TEM NIOSH 7402 <input type="checkbox"/>	ABSP2	PLM CARB 435 (LOD 0.1%) <input type="checkbox"/>
ABBEN	PLM EPA NOB <input type="checkbox"/>	ABT2	TEM Level II <input type="checkbox"/>		
ABBCH	TEM Chatfield <input type="checkbox"/>				
ABBTM	TEM EPA NOB <input type="checkbox"/>				
Water		New York ELAP		Dust	
ABHE	EPA 100.2 <input type="checkbox"/>	PLM NY	PLM 600/M4/82/020 <input type="checkbox"/>	ABWA	TEM Wipe ASTM D-6480 <input type="checkbox"/>
		ABEPA2	NY ELAP 198.1 <input type="checkbox"/>	ABDMV	TEM Microvac ASTM D-5755 <input type="checkbox"/>
		ABENY	NY ELAP 198.6 PLM NOB <input type="checkbox"/>	Matrix	Other <input type="checkbox"/>
		ABBNY	NY ELAP 198.4 TEM NOB <input type="checkbox"/>		

Turn Around Times	3 HR (4 HR TEM) <input type="checkbox"/>	6 HR (8HR TEM) <input type="checkbox"/>	12 HR <input type="checkbox"/>	24 HR <input checked="" type="checkbox"/>
	2 Days <input type="checkbox"/>	3 Days <input type="checkbox"/>	4 Days <input type="checkbox"/>	5 Days <input type="checkbox"/>

Special Instructions

Sample #	Sample Identification/Location	Room #	Side A-D
1-1	Window Glazing		
2-1			
3-2	PLASTER	LR-UP	AA
4-2		1	AD
5-2		KIRCO-UP	C
6-2		1	D
7-2		KIRCO-DOW	D
8-2		LR	A
9-2		1	B
10-3	Dry INSULATION	Bsmat / tubes	
11-3			40 SF
12-3			

Relinquished by	Date	Time	Received by	Date	Time
			MC	AUG 03 2016	10:35AM

Unless scheduled, the turn around time for all samples received after 3 pm EST Friday will begin at 8 am Monday morning. Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time. Work with standard turn around time sent Priority Overnight and Billed To Recipient will be charged a \$10 shipping fee. Positive Stop, Automatic Point count under 3%, Only test what is listed in description.

When Drywall or plaster is found to be positive do not continue to analyse the other layers.

ASBESTOS SCOPE OF WORK

**341 W Grand Avenue
Springfield, Ohio 45506**

ASBESTOS TO BE REMOVED (DEMOLITION)			
Description	Location	Quantity	Note
Duct Insulation	Basement	40 SF	Interior Walls
Flooring	Bsmnt Landing	10 SF	

Suspicious Materials

RACM

Yes, No, N/A

- | | | | |
|-------------------------------------|-------------------------------------|--------------------------|--|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Pipe Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Pipe joints |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Valves |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Duct Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Boiler Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Breeching Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Boiler door insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Heat Exchanger Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Boiler Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Boiler Interior Components |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Gaskets |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Tank Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Cementitious mud Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sprayed-on Fire Proofing |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Cloth-Like Tape used on furnace Ductwork (NOT Typical Gray Duct Tape) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Paper layers underneath wood flooring |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Paper layers above 1' x 1' ceiling tiles |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Outside layer on cork pipe insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Reflective light liners in old ceiling light fixtures |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Plaster |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Texture Ceiling |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Acoustical Plaster ceilings |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Vermiculite |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Drywall / Compound |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Ceiling Panels |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Texture Wall |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Stucco |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Fire Brick |

Category #1

Yes, No, N/A

- | | | | |
|-------------------------------------|-------------------------------------|--------------------------|--|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Packing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Gaskets |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Window, Door and Siding Caulking |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Window Glazing |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Asphalt Roofing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Floor tile |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Floor Tile Mastic |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Ceiling tile |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Ceiling Tile Mastic |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Chalk Board Mastic |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Lab top Mastic |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Vibration Dampers |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Galvalume |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Mastics |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Backing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Cement panels (black "ebonized" ACM) in electrical fuse panels |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Felt layer behind corrugated exterior building siding |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Coating on bottom of stainless steel sinks |

- | | | | |
|-------------------------------------|-------------------------------------|--------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Exterior window glazing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Fire-stop compound at penetrations |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Basketball Backboards (on rear side) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Caulk used on building exteriors and expansion joints |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Cloth fire curtains |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite, and Fire-doors (White core Material) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Leveling Compounds |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Gunite |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Fire Doors |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Textured Paint |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Carpet Mastic |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Linoleum |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Stair Treads |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Mastic behind, drywall, paneling and other components |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Light weight concrete |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Built-up roof |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Roof Flashing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sink Insulation |

Category #2

Yes, No, N/A

- | | | | |
|--------------------------|-------------------------------------|--------------------------|-------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Siding |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Roofing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Walls |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Flue |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Soffits |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Chalk Boards |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Lab Tops |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Duct |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Conducts |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Lab hood liner |

Miscellaneous Materials

Yes, No, N/A

- | | | | |
|--------------------------|-------------------------------------|--------------------------|---------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Electrical Wiring |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Auditorium Curtains |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Fire Blankets |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Welding gloves |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Welding Apron |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Ironing Board Pad |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Table top pad |

Non-Suspect Materials

All metals, Glass, Metal, Rock, Fiberglass, Carpet, wood, plastic, brick, Ceramic tile, terrazzo floors, rubber, foam, and pressed wood.

3-5-7 Rule

TYPE OF SUSPECT MATERIAL	MINIMUM SAMPLING
<u>Surfacing Materials</u> (Acoustical materials, Plaster, fireproofing)	< 1,000sf = 3 samples < 5,000sf = 5 samples >5,000sf = 7 samples
<u>Thermal System Insulation</u> (Pipes, Ducts, Boilers, Tanks)	3 samples
<u>Class 11 Materials</u> (Drywall, Compound, Skim Coats, Textured surfaces)	< 1,000sf = 3 samples < 5,000sf = 5 samples >5,000sf = 7 samples
<u>Miscellaneous Materials</u> (Floor Tile, Mastic, Acoustical Panels, Roofing)	2 Samples



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EDGE • FEMALE BUSINESS ENTREPRENEUR • HUBZ.com

**ASBESTOS MATERIAL SURVEY
AT
28 North Florence Street
Springfield, Ohio 45505**



**CONDUCTED FOR:
Clark County Land Bank
3130 E. Main Street, Suite 1A
Springfield, Ohio 45505**

Date: August 12, 2016
Job Number: HES16-2192

A copy of this report must be maintained on site during asbestos abatement as per revised
OAC 3701-34-04 © (2) Effective November 13, 2014



Date: August 12, 2016

Asbestos Survey To: Clark County Land Bank
 3130 E. Main Street, Suite 1A
 Springfield, Ohio 45505

Contact Person: Tom Hale
 Phone: 937-521-2164 E-Mail: thale@clarkcountyohio.gov

Asbestos Survey of: 28 North Florence Street
 Springfield, Ohio 45505

INTRODUCTION

We appreciate your consideration of *Hina Environmental Solutions*, LLC and are looking forward to working with you. We are committed to the highest ethics and integrity. We exist to serve our customers and to earn their trust, confidence and repeat business.

SCOPE OF WORK

As authorized by Tom Hale, on August 1, 2016, Brian Walker and Chad Melick with *Hina Environmental Solutions* performed an asbestos survey of the residence located at 28 North Florence Street in Springfield, Ohio. The purpose of this survey is to sample all suspicious friable and non-friable building materials for asbestos before the **demolition**. This survey is consistent with the requirements of 40 CFR (Code of Federal Regulations) 61, subpart M, "National Emission Standard for Asbestos" (NESHAP regulations) prior to a planned standard practice burn, demolition or renovation project. Building owners and employers must comply with 40 CFR 61 subpart M, EPA rules governing asbestos handling and waste disposal in building demolition and renovation. We will also collect bulk samples for asbestos in accordance with the regulation adopted by U.S EPA pursuant to Title II of the Federal Toxic Substances Control Act found in 40 CFR Part 763.86.

Building Description

The two-story home was built in 1908 (remodeled in 1949) and has approximately 1,316 square feet of living space. The interior consists of approximately 1,500 square feet of drywall and 1,500 square feet of plaster. The exterior consists transite siding and an asphalt roof.

Bulk Sample Testing

The following items were tested for asbestos:

SAMPLE	*HSN	DESCRIPTION & LOCATION	ASBESTOS %	CATEGORY
1	1	Transite Siding	20% Chry	Cat II NF
2	1	Transite Siding	Pos. Stop	Cat II NF
3A	2	Plaster, Kitchen, Wall B	NAD	N/A
3B	2	Skim Coat	NAD	N/A
4A	2	Plaster, Kitchen, Ceiling	NAD	N/A
4B	2	Skim Coat	NAD	N/A
5A	2	Plaster, Bedroom 1, Wall C	NAD	N/A
5B	2	Skim Coat	NAD	N/A
6A	2	Plaster, Bedroom 2, Wall D	NAD	N/A

6B	2	Skim Coat	NAD	N/A
7A	2	Plaster, Bedroom 2, Wall D	NAD	N/A
7B	2	Skim Coat	NAD	N/A
8	3	Duct Insulation	65% Chry	RACM
9	3	Duct Insulation	Pos. Stop	RACM
10	3	Duct Insulation	Pos. Stop	RACM
11	4	Ceiling Texture, Bathroom	NAD	N/A
12	4	Ceiling Texture, Bathroom	NAD	N/A
13	4	Ceiling Texture, Bathroom	NAD	N/A
14	5	Ceiling Texture, Kitchen	NAD	N/A
15	5	Ceiling Texture, Kitchen	NAD	N/A
16	5	Ceiling Texture, Kitchen	NAD	N/A
17A	6	Drywall, Bedroom 1, Wall A	NAD	N/A
17B	6	Joint Compound	NAD	N/A
18A	6	Drywall, Bedroom 2, Ceiling	NAD	N/A
18B	6	Joint Compound	NAD	N/A
19A	6	Drywall, Bathroom, Wall B	NAD	N/A
19B	6	Joint Compound	NAD	N/A
20	7	Exterior Window Glazing	NAD	N/A
21	7	Exterior Window Glazing	NAD	N/A

***Homogeneous Sample Numbers**

1 Transite Siding, 2 Plaster, 3 Duct Insulation, 4 Ceiling Texture, 5 Ceiling Texture, 6 Drywall/Compound, 7 Exterior Window Glazing

- Notes: (1) Asbestos Containing Materials as defined by EPA/NESHAP regulations
(2) OSHA regulations address materials containing any amount of asbestos

Conclusions and Recommendations

There is approximately 1,800 square feet of asbestos-containing transite siding on the exterior. This material should be removed by a licensed asbestos contractor before demolition commences.

There is approximately 30 square feet of asbestos-containing duct insulation in the basement and interior walls. This material must be removed by a licensed asbestos contractor before demolition commences.

****NOTE****

There is approximately 10 square feet of presumed asbestos-containing roof flashing. The flashing is in good condition and may remain in place for the demolition.

There is approximately 900 square feet of presumed asbestos-containing shingled roofing. The roofing is in good condition and may remain in place for the demolition.

Regulations Information

According to OSHA Construction Industry Asbestos Standard contractors performing activities that disturb ACM, regardless of the amount involved are required to follow the Asbestos Standard governing workers exposed to asbestos.

Ohio Department of Health requires a 10 day notification period if asbestos building materials that are to be disturbed are more than 50 linear feet of 50 square feet. Also Ohio Administrative Code Chapter

3701-34-02 regulations require those who remove more than 50 linear feet or 50 square feet of friable ACM (or non-friable ACM, which may become friable if disturbed) to be properly licensed by the Ohio Department of Health.

Ohio Environment Protection Agency requires a 10 day notification period if asbestos building materials that are to be disturbed are more than 260 linear feet or 160 square feet. Notification of building demolition, regardless of whether ACM is present, to Ohio EPA is required at least 10 working days prior to a planned demolition.

Category I non-friable ACM such as the roofing was not sampled. According to EPA regulations, these materials can be assumed category 1 ACM. In their present, non-friable form they are not considered regulated ACM (RACM) by the EPA. They can be left in place during demolition (non-burning), and in a non-friable form these materials would not be subject to NESHAP waste disposal regulations. The demolition contractor must note the quantity of these materials on the EPA notification form. If a facility is to be used as a practice burn then all asbestos including category 1 ACM has to be removed prior to the practice burn.

Methodology

The EPA regulations require that the sample location be randomly selected. Suspect asbestos building materials were identified and samples of each type were taken from homogeneous areas. The number of samples taken of each surfacing building material was procured according to the "3, 5, 7 rule".

Disclaimer

Concealed materials, which may be present beneath solid floors, above solid ceilings and between solid walls, if any, were not accessible for observation or sampling. During renovations if other materials are found please call for additional sampling.

Any questions or clarifications, please contact Brian Walker @ (614) 425-9914.

Hina Environmental Solutions, LLC

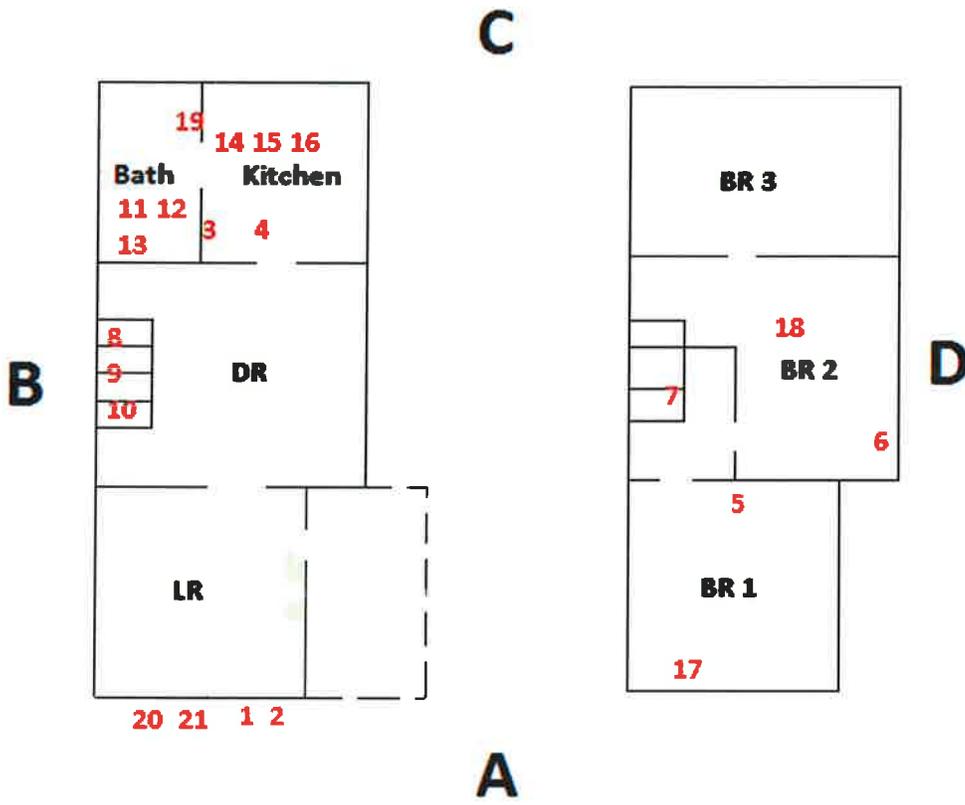


Brian Walker
Ohio Asbestos Hazard
Evaluation Specialist ES35451
Expires 2/17/2017



Chad Melick
Ohio Asbestos Hazard
Evaluation Specialist ES34325
Expires 3/9/2017

Floor Plan and Sample Locations



LAB REPORT

SanAir Technologies Laboratory

Analysis Report

prepared for

**Hina Enviromental Solutions,
LLC**

Report Date: 8/4/2016
Project Name: Clark Co.
Project #: 16-2192
SanAir ID#: 16027019



NVLAP LAB CODE 200870-0



Certification # 652931



License # LAB0166



804.897.1177

www.sanair.com



SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
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Hina Enviromental Solutions, LLC
995A Safin Road
Columbus, OH 43204

August 4, 2016

SanAir ID # 16027019
Project Name: Clark Co.
Project Number: 16-2192

Dear Walker,

We at SanAir would like to thank you for the work you recently submitted. The 21 sample(s) were received on Wednesday, August 03, 2016 via FedEx. The final report(s) is enclosed for the following sample(s): 1-1, 2-1, 3-2, 4-2, 5-2, 6-2, 7-2, 8-3, 9-3, 10-3, 11-4, 12-4, 13-4, 14-5, 15-5, 16-5, 17-6, 18-6, 19-6, 20-7, 21-7.

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,

Sandra Sobrino
Asbestos & Materials Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:

- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

sample conditions:

21 sample(s) in Good condition



SanAir Technologies Laboratory, Inc.

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804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

16027019

FINAL REPORT

Name: Hina Enviromental Solutions, LLC
Address: 995A Safin Road
Columbus, OH 43204

Project Number: 16-2192
P.O. Number: 28 N Florence St.
Project Name: Clark Co.

Collected Date: 8/1/2016
Received Date: 8/3/2016 10:35:00 AM
Report Date: 8/4/2016 9:44:09 AM
Analyst: Sobrino, Sandra

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
1-1 / 16027019-001 Transite Siding	Grey Non-Fibrous Heterogeneous		80% Other		20% Chrysotile
2-1 / 16027019-002 Transite Siding					Not Analyzed
3-2 / 16027019-003 Plaster, Plaster	Grey Non-Fibrous Heterogeneous		100% Other		None Detected
3-2 / 16027019-003 Plaster, Skim Coat	White Non-Fibrous Homogeneous		100% Other		None Detected
4-2 / 16027019-004 Plaster, Plaster	Grey Non-Fibrous Heterogeneous		100% Other		None Detected
4-2 / 16027019-004 Plaster, Skim Coat	White Non-Fibrous Homogeneous		100% Other		None Detected
5-2 / 16027019-005 Plaster, Plaster	Grey Non-Fibrous Heterogeneous		100% Other		None Detected
5-2 / 16027019-005 Plaster, Skim Coat	White Non-Fibrous Homogeneous		100% Other		None Detected

Certification

Analyst: *Sandra Sobrino*
Analysis Date: 8/3/2016

Approved Signatory: *[Signature]*
Date: 8/4/2016



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SanAir ID Number

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Analyst: Sobrino, Sandra

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
6-2 / 16027019-006 Plaster, Plaster	Grey Non-Fibrous Heterogeneous		100%	Other	None Detected
6-2 / 16027019-006 Plaster, Skim Coat	White Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
7-2 / 16027019-007 Plaster, Plaster	Grey Non-Fibrous Heterogeneous		100%	Other	None Detected
7-2 / 16027019-007 Plaster, Skim Coat	White Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
8-3 / 16027019-008 Duct Insulation	Grey Fibrous Homogeneous		35%	Other	65% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
9-3 / 16027019-009 Duct Insulation					Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
10-3 / 16027019-010 Duct Insulation					Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
11-4 / 16027019-011 Ceiling Texture	White Non-Fibrous Homogeneous		100%	Other	None Detected

Certification

Analyst: *Sandra Sobrino*
Analysis Date: 8/3/2016

Approved Signatory: *[Signature]*
Date: 8/4/2016



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SanAir ID Number

16027019

FINAL REPORT

Name: Hina Enviromental Solutions, LLC
Address: 995A Safin Road
Columbus, OH 43204

Project Number: 16-2192
P.O. Number: 28 N Florence St.
Project Name: Clark Co.

Collected Date: 8/1/2016
Received Date: 8/3/2016 10:35:00 AM
Report Date: 8/4/2016 9:44:09 AM
Analyst: Sobrino, Sandra

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
12-4 / 16027019-012 Ceiling Texture	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
13-4 / 16027019-013 Ceiling Texture	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
14-5 / 16027019-014 Ceiling Texture	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
15-5 / 16027019-015 Ceiling Texture	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
16-5 / 16027019-016 Ceiling Texture	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
17-6 / 16027019-017 Drywall/ Compound, Drywall	White Non-Fibrous Homogeneous	2% Cellulose	98% Other	None Detected
17-6 / 16027019-017 Drywall/ Compound, Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Analyst: *Sandra Sobrino*
Analysis Date: 8/3/2016

Approved Signatory: *[Signature]*
Date: 8/4/2016



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SanAir ID Number

16027019

FINAL REPORT

Name: Hina Enviromental Solutions, LLC
Address: 995A Safin Road
Columbus, OH 43204

Project Number: 16-2192
P.O. Number: 28 N Florence St.
Project Name: Clark Co.

Collected Date: 8/1/2016
Received Date: 8/3/2016 10:35:00 AM
Report Date: 8/4/2016 9:44:09 AM
Analyst: Sobrino, Sandra

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
18-6 / 16027019-018 Drywall/ Compound, Drywall	White Non-Fibrous Homogeneous	2% Cellulose	98% Other	None Detected
18-6 / 16027019-018 Drywall/ Compound, Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
19-6 / 16027019-019 Drywall/ Compound, Drywall	White Non-Fibrous Homogeneous	2% Cellulose	98% Other	None Detected
19-6 / 16027019-019 Drywall/ Compound, Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
20-7 / 16027019-020 Window Glazing	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
21-7 / 16027019-021 Window Glazing	White Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Analyst: *Sandra Sobrino*
Analysis Date: 8/3/2016

Approved Signatory: *[Signature]*
Date: 8/4/2016

Disclaimer

The final report cannot be reproduced, except in full, without written authorization from SanAir. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government.

For NY state samples, method EPA 600/M4-82-020 is performed.

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.

NY ELAP lab ID 11983

SanAir Technologies Laboratory, Inc.

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**Asbestos
Chain of Custody**

SanAir ID Number

16027019

Company: Hina Environmental		Project #: 16-2192	Collected by: WALKER
Address: 2824-B Fisher Rd.		Project Name: CLARK CO.	Phone #: 614-272-8780
City, St., Zip: Columbus, OH 43204		Date Collected: 8-1	Fax #: 614-272-8787
State of Collection: OH	Account#: 2156	P.O. Number: 25 W FLORENCE ST.	Email: bhina@hinaenvironmental.com

bwalker@hinaenvironmental.com cmeick@hinaenvironmental.com

Bulk		Air		Soil/Vermiculite	
ABB	PLM EPA 600/R-93/116 <input checked="" type="checkbox"/>	ABA	PCM NIOSH 7400 <input type="checkbox"/>	ABSE	PLM EPA 600/R-93/116 (Qual.) <input type="checkbox"/>
	Positive Stop <input checked="" type="checkbox"/>	ABA-2	OSHA w/ TWA* <input type="checkbox"/>	ABSP	PLM CARB 435 (LOD <1%) <input type="checkbox"/>
ABEPA	PLM EPA 400 Point Count <input type="checkbox"/>	ABTEM	TEM AHERA <input type="checkbox"/>	ABSP1	PLM CARB 435 (LOD 0.25%) <input type="checkbox"/>
ABB1K	PLM EPA 1000 Point Count <input type="checkbox"/>	ABATN	TEM NIOSH 7402 <input type="checkbox"/>	ABSP2	PLM CARB 435 (LOD 0.1%) <input type="checkbox"/>
ABEN	PLM EPA NOB <input type="checkbox"/>	ABT2	TEM Level II <input type="checkbox"/>		
ABBCH	TEM Chatfield <input type="checkbox"/>				
ABBTM	TEM EPA NOB <input type="checkbox"/>				
		New York ELAP		Dust	
		PLM NY	PLM 600/M4/82/020 <input type="checkbox"/>	ABWA	TEM Wipe ASTM D-6480 <input type="checkbox"/>
		ABEPA2	NY ELAP 198.1 <input type="checkbox"/>	ABDMV	TEM Microvac ASTM D-5755 <input type="checkbox"/>
		ABENY	NY ELAP 198.6 PLM NOB <input type="checkbox"/>	Matrix	Other
		ABBNY	NY ELAP 198.4 TEM NOB <input type="checkbox"/>		
Water					
ABHE	EPA 100.2 <input type="checkbox"/>				

Turn Around Times	3 HR (4 HR TEM) <input type="checkbox"/>	6 HR (8HR TEM) <input type="checkbox"/>	12 HR <input type="checkbox"/>	24 HR <input checked="" type="checkbox"/>
	2 Days <input type="checkbox"/>	3 Days <input type="checkbox"/>	4 Days <input type="checkbox"/>	5 Days <input type="checkbox"/>

Special Instructions

Sample #	Sample Identification/Location	Room #	Side A-D
1-1	TRANSITE SURFACE	EXT	
2-1		1	
3-2	PLASTER	KITCH	B
4-2		1	CEILING
5-2		BL1	C
6-2		SMOKE ROOM	D
7-2		BLU	D
8-3	DUCT INSULATION	BSMT / WALK	
9-3			30 SF
10-3			
11-4	CEILING PLASTER	BATH	
12-4		1	
13-4			

Relinquished by	Date	Time	Received by	Date	Time
			MC	AUG 03 2016	10:35AM

Unless scheduled, the turn around time for all samples received after 3 pm EST Friday will begin at 8 am Monday morning. Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time. Work with standard turn around time sent Priority Overnight and Billed To Recipient will be charged a \$10 shipping fee. Positive Stop, Automatic Point count under 3%, Only test what is listed in description.

When Drywall or plaster is found to be positive do not continue to analyse the other layers.

ASBESTOS SCOPE OF WORK

**28 N Florence Street
Springfield, Ohio 45503**

ASBESTOS TO BE REMOVED (DEMOLITION)			
Description	Location	Quantity	Note
Transite Siding	Exterior	Approx 1,800 SF	
Duct Insulation	Basement	30 SF	Interior Walls

Suspicious Materials

RACM

Yes, No, N/A

- | | | | |
|-------------------------------------|-------------------------------------|--------------------------|--|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Pipe Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Pipe joints |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Valves |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Duct Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Boiler Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Breeching Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Boiler door insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Heat Exchanger Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Boiler Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Boiler Interior Components |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Gaskets |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Tank Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Cementious mud Insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sprayed-on Fire Proofing |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Cloth-Like Tape used on furnace Ductwork (NOT Typical Gray Duct Tape) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Paper layers underneath wood flooring |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Paper layers above 1' x 1' ceiling tiles |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Outside layer on cork pipe insulation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Reflective light liners in old ceiling light fixtures |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Plaster |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Texture Ceiling |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Acoustical Plaster ceilings |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Vermiculite |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Drywall / Compound |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Ceiling Panels |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Texture Wall |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Stucco |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Fire Brick |

Category #1

Yes, No, N/A

- | | | | |
|-------------------------------------|-------------------------------------|--------------------------|--|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Packing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Gaskets |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Window, Door and Siding Caulking |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Window Glazing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Asphalt Roofing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Floor tile |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Floor Tile Mastic |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Ceiling tile |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Ceiling Tile Mastic |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Chalk Board Mastic |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Lab top Mastic |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Vibration Dampers |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Galvalume |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Mastics |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Backing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Cement panels (black "ebonized" ACM) in electrical fuse panels |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Felt layer behind corrugated exterior building siding |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Coating on bottom of stainless steel sinks |

- | | | | |
|--------------------------|-------------------------------------|--------------------------|---|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Exterior window glazing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Fire-stop compound at penetrations |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Basketball Backboards (on rear side) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Caulk used on building exteriors and expansion joints |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Cloth fire curtains |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite, and Fire-doors (White core Material) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Leveling Compounds |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Gunite |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Fire Doors |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Textured Paint |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Carpet Mastic |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Linoleum |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Stair Treads |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Mastic behind, drywall, paneling and other components |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Light weight concrete |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Built-up roof |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Roof Flashing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Sink Insulation |

Category #2

Yes, No, N/A

- | | | | |
|-------------------------------------|-------------------------------------|--------------------------|-------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Transite Siding |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Roofing |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Walls |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Flue |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Soffits |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Chalk Boards |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Lab Tops |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Duct |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Transite Conducts |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Lab hood liner |

Miscellaneous Materials

Yes, No, N/A

- | | | | |
|--------------------------|-------------------------------------|--------------------------|---------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Electrical Wiring |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Auditorium Curtains |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Fire Blankets |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Welding gloves |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Welding Apron |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Ironing Board Pad |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Table top pad |

Non-Suspect Materials

All metals, Glass, Metal, Rock, Fiberglass, Carpet, wood, plastic, brick, Ceramic tile, terrazzo floors, rubber, foam, and pressed wood.

3-5-7 Rule

TYPE OF SUSPECT MATERIAL	MINIMUM SAMPLING
<u>Surfacing Materials</u> (Acoustical materials, Plaster, fireproofing)	< 1,000sf = 3 samples < 5,000sf = 5 samples >5,000sf = 7 samples
<u>Thermal System Insulation</u> (Pipes, Ducts, Boilers, Tanks)	3 samples
<u>Class 11 Materials</u> (Drywall, Compound, Skim Coats, Textured surfaces)	< 1,000sf = 3 samples < 5,000sf = 5 samples >5,000sf = 7 samples
<u>Miscellaneous Materials</u> (Floor Tile, Mastic, Acoustical Panels, Roofing)	2 Samples