HART ENVIRONMENTAL RESOURCES

262 Hedge Dr. Springfield, OH 45504 (937) 325-8777 (937) 324-0288 FAX

ASBESTOS INSPECTION REPORT

30 Greacian Ave.
Dayton, OH 45426

PREPARED FOR:

Mr. Dennis Zimmer
Montgomery County Land Reutilization Corporation
City of Dayton
Building Services
Nuisance Abatement & Rehabilitation Supervisor
371 W. 2nd St., Room 324
Dayton, OH 45402
937-333-3982

PREPARED BY:

Lynda M. Hart
Asbestos Hazards Evaluation Specialist
Ohio #ES-32558

December 21, 2015

HART ENVIRONMENTAL RESOURCES

262 Hedge Dr. Springfield, OH 45504 (937) 325-8777 (937) 324-0288 FAX

December 21, 2015

Mr. Dennis Zimmer
Montgomery County Land Reutilization Corporation
City of Dayton
Building Services
Nuisance Abatement & Rehabilitation Supervisor
371 W. 2nd St., Room 324
Dayton, OH 45402

Re: Asbestos Inspection
30 Greacian Ave.
Dayton, OH 45426

Dear Mr. Zimmer:

Hart Environmental Resources prepared this report, under contract with the Montgomery County Land Reutilization Corporation, Ohio, for the asbestos inspection conducted at 30 Greacian Ave., Dayton, OH. The inspection, conducted on November 16 and December 13, 2015, was completed utilizing applicable Federal and Ohio State regulations pertaining to asbestos: Federal OSHA (29 CFR 1910.1001and 29 CFR 1926.1101), EPA (40 CFR Part 61), and TSCA Title II AHERA/ASHARA (40 CFR Part 763) Asbestos Regulations. The findings in this report are consistent with accepted principles and practice established and prescribed by the EPA and AHERA.

All accessible areas of the home at 30 Greacian Ave. were inspected physically, functional space by functional space, and homogeneous area by homogeneous area to determine the presence of asbestos-containing materials. Core samples of friable and non-friable suspect asbestos-containing materials were collected. A site diagram, with the location of each sample, was made. The bulk samples were placed in zip-lock bags, sealed, and labeled with an identifying code. The samples, along with the chain-of-custody, were then submitted to the laboratory Environmental Hazards Services, Inc., to be analyzed for asbestos content.

The house is a one story structure, with a slab foundation. The house exterior is covered with wood siding and brick, over plywood. The interior walls are covered with drywall. White joint compound was found in all the rooms, except bedrooms 2 and 3, which had tan/light brown joint compound. The floors are covered with vinyl floor tiles throughout the house. Six (6) vinyl windows have been installed in the house. The gas forced air heating system has been removed, no ductwork wrap or seam tape remains present. The roof is covered with asphalt shingles.

Hart Environmental Resources identified three (3) suspect asbestos-containing materials in the accessible areas of the structure.

Analytical Results

HER Sample # Lab Sample #	Amount	Layers	Description/Sample Location	Condition	PLM Result (% Asbestos)
30G-1 15-10-02845-001A 15-11-02508-001	620 sq ft.	1	Floor Tile (Tile), Bedroom 2, Floor	Non-friable	**3% Chrysotile Asbestos Present (PC=1.50%)**
30G-1 15-10-02845-001B	See above	1	Floor Tile (Mastic), Bedroom 2, Floor	Non-friable	None Detected
30G-2 15-10-02845-002A 15-11-02508-002	See above	1	Floor Tile (Tile), Bedroom 1, Floor	Non-friable	**3% Chrysotile Asbestos Present (PC=1.75%)**
30G-2 15-10-02845-002B	See above	1	Floor Tile (Mastic), Bedroom 1, Floor	Non-friable	None Detected
30G-3 15-10-02845-003	-	3	Drywall/J.C., Bedroom 1, White JC, Wall D	Non-friable	None Detected
30G-4 15-10-02845-004	-	3	Drywall/J.C., Living Room, White JC/ Wall C	Friable	None Detected
30G-5 15-10-02845-005 15-11-02508-003	550 sq ft DW, 40 sq ft JC	3	Drywall/J.C. (Joint Compound), Bedroom 3, Tan JC, Wall B	Non-friable	Trace <1% Chrysotile Asbestos Present (PC=1.75%)
30G-5 15-10-02845-005 15-11-02508-004	-	3	Drywall/J.C. (Composite), Bedroom 3, Wall B	Non-friable	Trace <1% Chrysotile Asbestos Present (PC=<0.25%)
30G-6 15-10-02845-006	-	2	Roof Shingle, Exterior	Non-friable	None Detected
30G-7 15-10-02845-007	-	2	Roof Shingle, Exterior	Non-friable	None Detected
30G-8 15-12-01933-001	See Sample 5	2	Drywall/JC, Bedroom 2, Pale Brown JC, Wall D	Non-friable	<0.25% Asbestos by Point Count

Discussion and Recommendations

Eight (8) bulk samples of suspect asbestos-containing materials were collected in the accessible areas of the structure. Per current EPA regulations, Category I Non-Friable materials, including bituminous roofing materials, resilient floor coverings and gaskets do not need to be removed prior to the demolition of homes, as long as it does not become friable during the demolition process.

The analytical results found the following item to contain greater than 1% asbestos fibers:

- Floor Tile, Throughout the structure
- Drywall/JC - Bedrooms 2 & 3

Confirmed or assumed asbestos-containing materials, which will be disturbed during demolition activities, are regulated under current Federal and State regulations. Hart Environmental Resources recommends the removal of these materials by a licensed asbestos abatement contractor. It is also strongly recommended that the specifications for the removal program be developed by a licensed Asbestos Project Designer to ensure that all regulatory requirements are satisfied. The work should be properly documented in the event of future litigation.

An Ohio EPA Notification of Demolition and Renovation form must be completed and submitted to the Regional Air Pollution Control Agency (RAPCA) at least ten working days prior to the commencement of any abatement or demolition activity. The amount, type and condition of the asbestos-containing materials found in this inspection, as well as the materials assumed to be asbestos-containing materials, must be noted on the form. The name and certification number of the asbestos inspector, Lynda M. Hart, #ES32558, must be included. Hart Environmental Resources estimates the cost associated with the removal of the confirmed asbestos-containing materials to be as follows:

Material	Est. Qty.	Est. Unit Cost	Est. Cost
Floor Tile. Entire Structure	1000 sq ft.	$ 2/sq ft.	$ 2,000
Drywall/JC, Bedrooms 3 & 4	550 sq ft.	$ 5/sq ft.	$ 2,750
		Total	**$ 4,750**

Estimated costs are based on local, current prevailing wages and do not include costs for planning, permitting, specification development, contractor oversight or air monitoring.

If any additional suspect materials are encountered during the demolition process, the material should be left undisturbed and kept intact until they can be inspected and sampled by a licensed Asbestos Abatement Evaluation Specialist. Hart Environmental Resources will be happy to return to the site if additional suspect materials are encountered. The other options, is to assume that the material is asbestos-containing and have it abated as such.

This report, and the supporting data, findings, conclusions, opinions, and the recommendations it contains, represents the result of Hart Environmental Resources' efforts on behalf of the Montgomery County Land Reutilization Corporation. This report is not an asbestos abatement specification and should not be used for specifying removal methods or techniques. The results, assessments, conclusions and recommendations stated in this report are factually representative of the conditions and circumstances observed at this location on the date of the inspection. We cannot assume responsibility for any change in conditions or circumstances that occurred after the inspection. This report and its findings and recommendations, if implemented by the Montgomery County Land Reutilization Corporation, should not be construed as an assurance or implied warranty for the continuing safety, performance, or cost-effectiveness of any equipment, product, system, facility, procedure, or policy discussed or recommended herein.

Recommendations are based on the professional judgment of the inspector and the results of the samples collected and analyzed. Hart Environmental Resources makes no warranty, expressed or implied, and accepts no liability for the presence or absence of asbestos or other hazardous materials in or on building products, materials or areas. Hart Environmental Resources assumes no responsibility for the cost of repairing, replacing or removing any undiscovered or unreported condition or defect, or any future condition or defect.

Based on the findings of this survey, Hart Environmental Resources recommends the following:

- **Maintain copies of the information from this asbestos inspection at the site during the demolition operations.** This information should also be maintained by the

Montgomery County Land Reutilization Corporation in an off-site file to document property completion of the inspection prior to the building demolition.

- **Asbestos-containing materials should not be disturbed or removed except by properly trained, certified and equipped personnel in accordance with the requirements of an asbestos abatement specification developed for this project.**

- **Air monitoring should be performed during any work that disturbs the integrity of identified asbestos-containing materials, in accordance with the OSHA regulations.** Air monitoring should be performed by a certified asbestos hazards evaluation specialist or a certified industrial hygienist.

- **An Ohio EPA Notification of Demolition and Renovation form should be completed and submitted to the Regional Air Pollution Control Agency (RAPCA) at least ten working days prior to the start of any abatement or demolition activity.** This form should list the amount of Category I Non-Friable materials, which will not be removed, as well as the amount of regulated asbestos-containing materials, which will be removed prior to the demolition activity.

If you have any questions or concerns with this inspection please do no hesitate to contact me.

Sincerely,

Lynda M. Hart

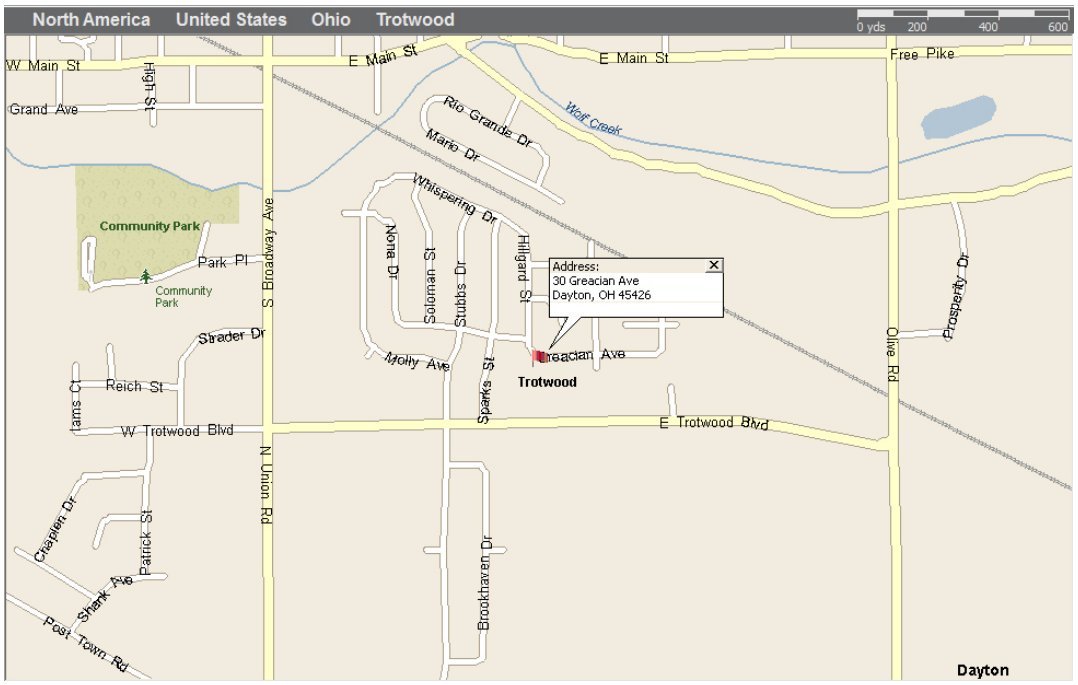
Lynda M. Hart, REM
President
Registered Environmental Manager, #7928
Asbestos Hazards Evaluation Specialist, State of Ohio, #ES32558

Attachments

Attachment 1	Site Location Map
Attachment 2	Site Inspection Work Sheet
Attachment 3	Photographs
Attachment 4	Laboratory Results
Attachment 5	Work Order

ATTACHMENT 1

SITE LOCATION MAP


North America
United States
Ohio
Trotwood
0 yds
200
400
600
W Main St
E Main St
E Main St
Free Pike
High St
Grand Ave
Rio Grande Dr
Mario Dr
Wolf Creek
Whispering Dr
Community Park
Park Pl
Community Park
S Broadway Ave
Nona Dr
Solomon St
Stubbs Dr
Hilgard St
Address:
30 Greacian Ave
Dayton, OH 45426
Strader Dr
Molly Ave
Greacian Ave
Trotwood
Sparks St
Reich St
Tams Ct
W Trotwood Blvd
E Trotwood Blvd
Olive Rd
Prosperity Dr
N Union Rd
Chapman Dr
Patrick St
Shank Ave
Brookhaven Dr
Post Town Rd
Dayton

ATTACHMENT 2

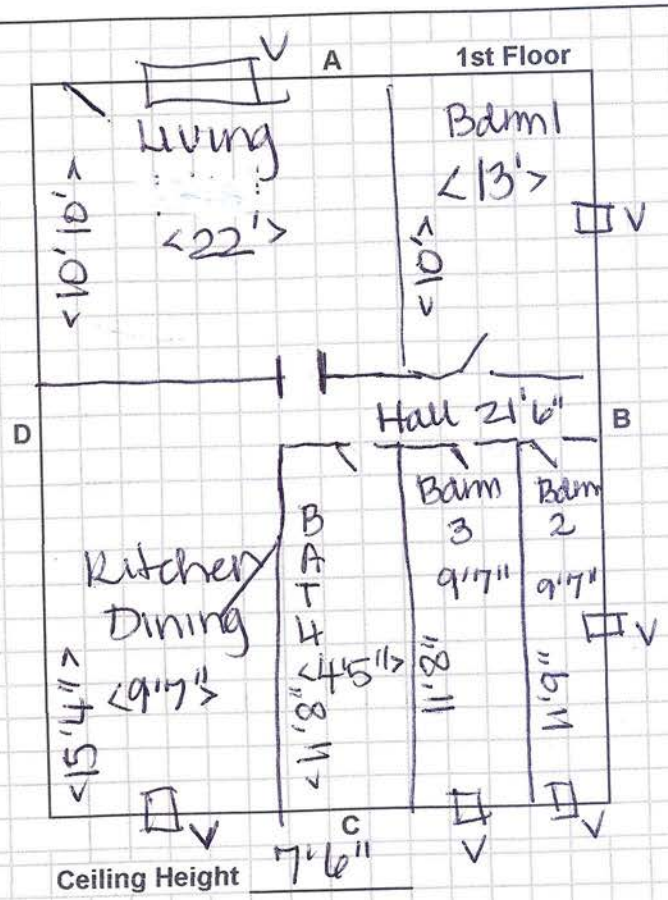
SITE INSPECTION WORK SHEET

Hart Environmental Resources

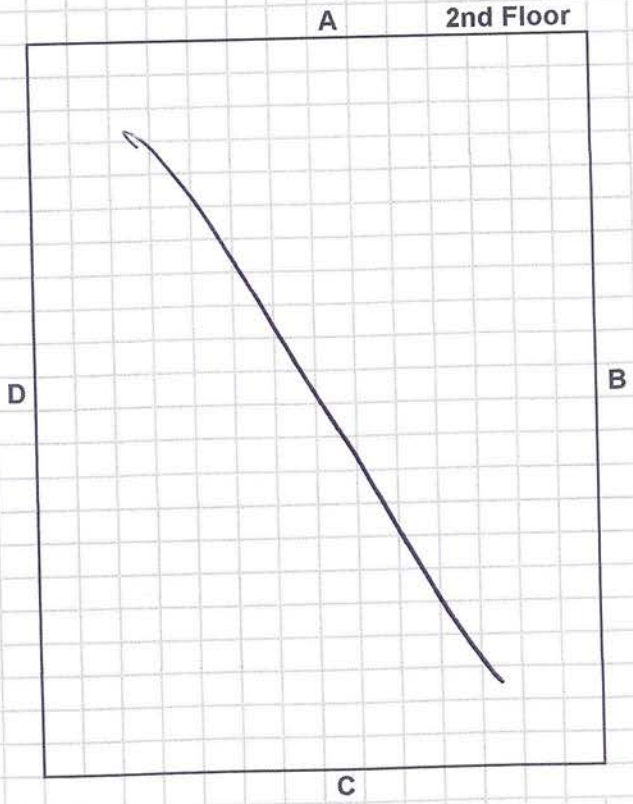
Asbestos Inspection Work Sheet

Site 30 Greacean **City** Dayton **State** OH **Zip** _____

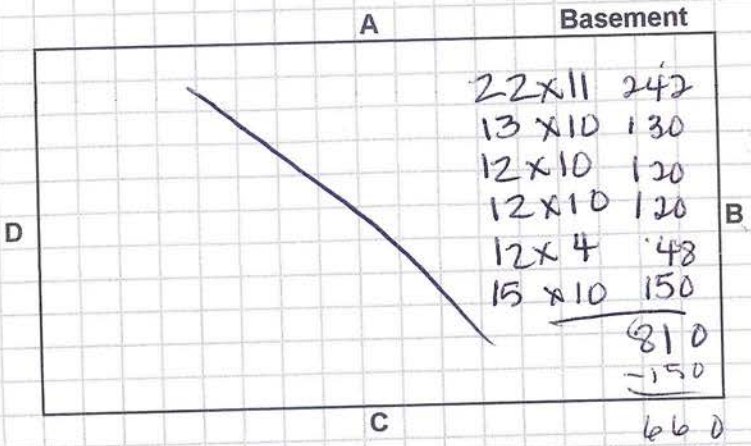
Struture
Levels: 1 ✓ 2 ___ 3 ___ Other _____ **Foundation:** Slab ___ Crawl ___ Basement ___
Exterior: Wood ✓ Vinyl ___ Aluminum ___ Transite ___ Brick ✓ Other _____
Over Wood
Interior Walls: Drywall ✓ Plaster ___ Paneling _____ Other _____
Flooring: Linoleum/Vinyl Throughout Linoleum/Vinyl _____ Linoleum/Vinyl _____
Windows: Wood ___ Vinyl ✓6 Metal ___ Other _____ Number of Windows 6 Vinyl
Heating: GFA ___ Hot Water ✓ Other _____ Ductwork Wrap Yes / (No) Seam Tape Yes / (No)
Roofing: Asphalt Shingles ✓ Transite Shingles ___ Metal ___ Other _____



Ceiling Height 7'6"



Ceiling Height _____



22x11 242
13x10 130
12x10 120
12x10 120
12x4 48
15x10 150
810
-150
660
48
620

22
11
22
22

Ceiling Height _____

Hart Environmental Resources

Asbestos Inspection Work Sheet

Site 30 Greacian City Dayton State OH Zip

Sample #	Material	Room Location	Wall	Color	Condition *		Quantity
30 G	1 Floor tile	Bdrm 2	Floor	Brown	Fair	NF	>620 ft
30 G	2 Floor tile	Bedrm 1	FR	Brown	Fair	NF	
30 G	3 Drywall + JC	Bedrm 1	D	Wt Wt	P	NF	
30 G	4 Drywall + JC	Living	C	Wt Wt	F	FR	
30 G	5 Drywall JC	Bedrm 3	B	Wt Wt	F	NF	
30 G	6 Roof Shingle	Ext		~~Brown~~	G	NF	
30 G	7 Roof Shingle	Ext		Brown	G	NF	

* G = Good F = Fair P = Poor FR = Friable NF = NonFriable

Notes: Garage – ~~Attached~~ one car garage
Electrical Panel in garage c̄ newer wire coverings
Furnace removed

Total Amounts: Ductwork Wrap NO -0- Seam Tape NO -0- Furnace Board NO -0-

Ground Debris NO -0- Ductwork Boots NO -0-

Ductwork Wrap Locations NO -0-

Inspector Lynda Hart Certification # ES-32558 Date 11 16 15

ATTACHMENT 3

PHOTOGRAPHS

Photo 1: Floor Tile (30G-1) Bedroom 2, Floor.
3% Chrysotile Asbestos Detected (PC=1.50%).

Photo 2: Floor Tile (30G-2) Bedroom 1, Floor.
3% Chrysotile Asbestos Detected (PC=1.75%).

Photo 3: Drywall/J.C. (30G-3) Bedroom 1, Wall D.
No Asbestos Detected.

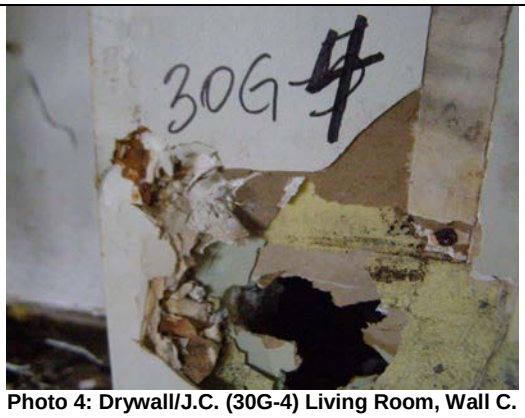


Photo 4: Drywall/J.C. (30G-4) Living Room, Wall C.
No Asbestos Detected..

Photo 5: Drywall/J.C. (30G-5) Bedroom 1, Wall D.
Trace <1% Chrysotile Asbestos Detected (Joint Compound PC=1.50%) (Composite PC=<0.25%).

Photo 6: Roof Shingle (30G-6) Exterior.
No Asbestos Detected.

Photo 7: Roof Shingle (30G-7) Exterior.
No Asbestos Detected.

ATTACHMENT 4

LAB RESULTS

Environmental Hazards Services, L.L.C.
7469 Whitepine Rd
Richmond, VA 23237
Telephone: 800.347.4010

Asbestos Bulk Analysis Report

Report Number: 15-11-02449

Client: Hart Environmental Resources
262 Hedge Drive
Springfield, OH 45504

Received Date: 11/19/2015
Analyzed Date: 11/20/2015
Reported Date: 11/20/2015

Project/Test Address: City of Dayton; 30 Greacian

Client Number: 36-5620

Fax Number: 937-324-0288

Laboratory Results

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
15-11-02449-001A	30G-1	Tile	Brown Vinyl; Homogeneous	3% Chrysotile	97% Non-Fibrous
			Total Asbestos:	3%	
15-11-02449-001B	30G-1	Mastic	Black Tar-Like; Homogeneous	NAD	5% Cellulose 95% Non-Fibrous
15-11-02449-002A	30G-2	Tile	Brown Vinyl; Homogeneous	3% Chrysotile	97% Non-Fibrous
			Total Asbestos:	3%	
15-11-02449-002B	30G-2	Mastic	Black Tar-Like; Homogeneous	NAD	5% Cellulose 95% Non-Fibrous
15-11-02449-003	30G-3		White Powder; Brown Fibrous; White Granular; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 36-5620 Report Number: 15-11-02449

Project/Test Address: City of Dayton; 30 Greacian

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
15-11-02449-004	30G-4		White Powder; Brown Fibrous; White Granular; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous
15-11-02449-005	30G-5		White Powder; Brown Fibrous; Tan Granular; Inhomogeneous	Trace <1% Chrysotile	20% Cellulose 80% Non-Fibrous
			Total Asbestos:	Trace <1%	
3% Chrysotile asbestos is present in the joint compound.					
15-11-02449-006	30G-6		Black Tar-Like; Brown Granular; Inhomogeneous	NAD	14% Fibrous Glass 86% Non-Fibrous
15-11-02449-007	30G-7		Black Tar-Like; Brown Granular; Inhomogeneous	NAD	14% Fibrous Glass 86% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 36-5620 Report Number: 15-11-02449

Project/Test Address: City of Dayton; 30 Greacian

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials

QC Sample: 80-M22013-3

QC Blank: SRM 1866 Fiberglass

Reporting Limit: 1% Asbestos

Method: EPA Method 600/R-93/116, EPA Method 600/M4-82-020

Analyst: Christian H. Schaible

Reviewed By Authorized Signatory: Tasha Eaddy

Tasha Eaddy
QA/QC Clerk

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Each distinct component in an inhomogeneous sample was analyzed separately and reported as a composite. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of the Environmental Hazards Service, L.L.C. California Certification #2319 NY ELAP #11714 NVLAP #101882-0 VELAP 460172. All information concerning sampling location, date, and time can be found on Chain-of-Custody. Environmental Hazards Services, L.L.C. does not perform any sample collection.

Environmental Hazards Services, L.L.C. recommends reanalysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), (for enhanced detection capabilities) for materials regulated by EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

400 Point Count Analysis, where noted, performed per EPA Method 600/R-93/116 with a Reporting Limit of 0.25%.

* All California samples analyzed by Polarized Light Microscopy, EPA Method 600/M4-82-020, Dec. 1982.

LEGEND: NAD = no asbestos detected

Analyst Signature Page

Environmental Hazards Services, L.L.C.
7469 Whitepine Rd
Richmond, VA 23237

Telephone: 800.347.4010

Report Number: 15-11-02449

Client: Hart Environmental Resources
262 Hedge Drive
Springfield, OH 45504

Received Date: 11/19/2015
Analyzed Date: 11/20/2015
Reported Date: 11/20/2015

Client Number: 36-5620

Project/Test Address: City of Dayton; 30 Greacian

Analyst(s)

Christian H. Schaible

7 PLM

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.

7469 Whitepine Rd., Richmond, VA 23237 (804) 275-4788 (804) 275-4907 FAX

CHAIN OF CUSTODY FORM

Company Name: Hart Environmental Resources
Address: 262 Hedge Dr.
City, State, Zip: Springfield, OH 45504
EHS Client Acct. #: 36-5620 D
Phone #: (937) 325-8777 Fax #: (937) 324-0288
E-mail: hartenv@woh.rr.com

Date: 11/16/15
Contact Name: Lynda Hart
Sampler Name: Lynda Hart
Project #: CITY OF DAYTON - 30 GREACIAN
1 Day TAT
Point count samples with [redacted] asbestos

Particulate: Total Nuisance (NIOSH 0500) ___
Respirable (NIOSH 0600) ___

Sample Number	Sample Date & Time	Asbestos: Bulk ID by PLM	Asbestos: (PCM) Fiber Count	Asbestos: PLM Point Count	Asbestos: PLM Gravimetric	Asbestos: TEM AHERA (Air)	Asbestos: TEM Chatfield (Bulk)	Lead: Air	Lead: Paint (%)	Lead: Paint (PPM)	Lead: Paint (mg/cm2)	Lead: Soil	Lead: Wipe* (See Note)	Lead: TCLP (Pb)	Lead: Waste Water	Other Metals (Specify metals below): TCLP RCRA 8	Other Metals: Welding Fume	Other Metals: Toxic Metal Profile	Other Metals:	Other Metals:	Indoor Air Quality: Biocassette	Indoor Air Quality: Slide	Indoor Air Quality: Surface Swab	Indoor Air Quality: Surface Tape	Indoor Air Quality: Bulk	Air Volume (L) OR Wipe Area (INCHES)	Comments
30G-1	11/16/15	✓																									FLOOR TILE - ROOM 2
30G-2	2 pm	✓																									FLOOR TILE - ROOM 1
30G-3		✓																									DRYWALL/JC - ROOM 1 D
30G-4		✓																									DRYWALL/JC - LIVING C
30G-5		✓																									DRYWALL/JC - ROOM 3 B
30G-6		✓																									ROOF SHINGLE
30G-7		✓																									ROOF SHINGLE

15-11-02449

Due Date:
11/20/2015
(Friday)
AE

Released by:	Lynda M. Hart	Signature:	Date/Time: 11/16/15 6pm
Received by:	Sarah Chumas	Signature:	Date/Time: 11/19/15

Asbestos 400 Point Count Analysis Report

Environmental Hazards Services, L.L.C.
7469 Whitepine Rd
Richmond, VA 23237
Telephone: 800.347.4010

Report Number: 15-11-02508

Client: Hart Environmental Resources
262 Hedge Drive
Springfield, OH 45504

Received Date: 11/19/2015
Analyzed Date: 11/20/2015
Reported Date: 11/23/2015

Project/Test Address: City of Dayton; 30 Greacian; EHS# 15-11-02449

Client Number: 36-5620

Fax Number: 937-324-0288

Laboratory Results

Lab Sample Number	Client Sample Number	Lab Gross Description	% Asbestos	Narrative ID
15-11-02508-001	30G-1A Tile	Brown Vinyl	1.50 % Chrysotile	
15-11-02508-002	30G-2A Tile	Brown Vinyl	1.75 % Chrysotile	
15-11-02508-003	30G-5 Joint Compound	Tan Granular	1.75 % Chrysotile	
15-11-02508-004	30G-5 Composite	White Powder; Brown Fibrous; Tan Granular	<0.25 % Chrysotile	A12

Sample Narratives:

A12: Chrysotile fibers observed but did not fall under any counted points.

Reporting Limit: 0.25 % Asbestos

Method: EPA Method 600/R-93/116, EPA Method 600/M4-82-020

Analyst: Christian H. Schaible

Reviewed By Authorized Signatory:

Tasha Eaddy
QA/QC Clerk

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of the Environmental Hazards Service, L.L.C. California Certification #2319 NY ELAP #11714 NVLAP #101882-0 VELAP 460172.

LEGEND NAD = No Asbestos Detected

Analyst Signature Page

Environmental Hazards Services, L.L.C.
7469 Whitepine Rd
Richmond, VA 23237

Telephone: 800.347.4010

Report Number: 15-11-02508

Client: Hart Environmental Resources
262 Hedge Drive
Springfield, OH 45504

Received Date: 11/20/2015
Analyzed Date: 11/20/2015
Reported Date: 11/23/2015

Client Number: 36-5620

Project/Test Address: City of Dayton; 30 Greacian; EHS# 15-11-02449

Analyst(s)

Christian H. Schaible

EHS Laboratories

POINT COUNT REQUEST FORM

15-11-02508

Due Date:
11/23/2015
(Monday)
AE

Environmental Hazards Services, L.L.C.
7469 Whitepine Rd
Richmond, VA 23237
Telephone: 800.347.4010

Received Date: 11/20/2015
Client #: 36-5620
Company Name: Hart Environmental Resources
Project/Test Address: 30 Greacian; City of Dayton, OH; EHS# 15-11-02449
Analysis Requested: 400 Pt Ct

Client Sample #	EHS Sample #	Sample Location and/or Comments
30G-1	1	
30G-2	2	
30G-S	S	

Date Samples Received	Received By	Original Analyst	Date Analyzed	Date Request Received	Received By
11/19/15	Sarah	Chris	11/20/15	11/20/15	Tarig

1 PLM

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.
7469 Whitepine Rd., Richmond, VA 23237 (804) 275-4788 (804) 275-4907 FAX

CHAIN OF CUSTODY FORM

Company Name: Hart Environmental Resources
Address: 262 Hedge Dr.
City, State, Zip: Springfield, OH 45504
EHS Client Acct. #: 36-5620 D
Phone #: (937) 325-8777 Fax #: (937) 324-0288
E-mail: hartenv@woh.rr.com

Date: 11/16/15
Contact Name: Lynda Hart
Sampler Name: Lynda Hart
Project #: CITY OF DAYTON - 30 GREACIAN
1 Day TAT
Point count samples with trace-5% asbestos

Sample Number	Sample Date & Time	Asbestos: Bulk ID by PLM	Asbestos: (PCM) Fiber Count	Asbestos: PLM Point Count	Asbestos: PLM Gravimetric	Asbestos: TEM AHERA (Air)	Asbestos: TEM Chatfield (Bulk)	Lead: Air	Lead: Paint (%)	Lead: Paint (PPM)	Lead: Paint (mg/cm2)	Lead: Soil	Lead: Wipe* (See Note)	Lead: TCLP (Pb)	Lead: Waste Water	Other Metals (Specify metals below): TCLP RCRA 8	Other Metals: Welding Fume	Other Metals: Toxic Metal Profile	Other Metals:	Other Metals:	Indoor Air Quality: Biocassette	Indoor Air Quality: Slide	Indoor Air Quality: Surface Swab	Indoor Air Quality: Surface Tape	Indoor Air Quality: Bulk	Air Volume (L) OR Wipe Area (INCHES)	Comments
30G-1	11/16/15	✓																									
30G-2	2 pm	✓																									FLOOR TILE - BDRM 2
30G-3		✓																									FLOOR TILE - BDRM 1
30G-4		✓																									DRYWALL/JC - BDRM 1 D
30G-5		✓																									DRYWALL/JC - LIVING C
30G-6		✓																									DRYWALL/JC - BDRM 3 B
30G-7	✓	✓																									ROOF SHINGLE
																											ROOF SHINGLE

15-11-02449

Due Date:
11/20/2015
(Friday)
AE

Released by: Lynda M. Hart Signature: [signature] Date/Time: 11/16/15 6pm
Received by: Sarah Church Signature: [signature] Date/Time: 11/19/15

Environmental Hazards Services, L.L.C.
7469 Whitepine Rd
Richmond, VA 23237
Telephone: 800.347.4010

Asbestos Bulk Analysis Report

Report Number: 15-12-01933

Client: Hart Environmental Resources
262 Hedge Drive
Springfield, OH 45504

Received Date: 12/15/2015
Analyzed Date: 12/15/2015
Reported Date: 12/15/2015

Project/Test Address: City of Dayton; 30 Greacian

Client Number: 36-5620

Fax Number: 937-324-0288

Laboratory Results

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
15-12-01933-001	30G-8		Off-White/Pale Brown/Beige Brittle; Tan Fibrous; Blue Pliable; Inhomogeneous	Trace <1% Chrysotile	18% Cellulose 82% Non-Fibrous

Total Asbestos: Trace <1%

Chrysotile present in pale brown joint compound layer; this material alone contains <1% chrysotile.

Environmental Hazards Services, L.L.C

Client Number: 36-5620 Report Number: 15-12-01933

Project/Test Address: City of Dayton; 30 Greacian

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials

QC Sample: 80-M22013-3

QC Blank: SRM 1866 Fiberglass

Reporting Limit: 1% Asbestos

Method: EPA Method 600/R-93/116, EPA Method 600/M4-82-020

Analyst: Mark Case

Reviewed By Authorized Signatory: Tasha Eaddy

Tasha Eaddy
QA/QC Clerk

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Each distinct component in an inhomogeneous sample was analyzed separately and reported as a composite. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of the Environmental Hazards Service, L.L.C. California Certification #2319 NY ELAP #11714 NVLAP #101882-0 VELAP 460172. All information concerning sampling location, date, and time can be found on Chain-of-Custody. Environmental Hazards Services, L.L.C. does not perform any sample collection.

Environmental Hazards Services, L.L.C. recommends reanalysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), (for enhanced detection capabilities) for materials regulated by EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

400 Point Count Analysis, where noted, performed per EPA Method 600/R-93/116 with a Reporting Limit of 0.25%.

* All California samples analyzed by Polarized Light Microscopy, EPA Method 600/M4-82-020, Dec. 1982.

LEGEND: NAD = no asbestos detected

Analyst Signature Page

Environmental Hazards Services, L.L.C.
7469 Whitepine Rd
Richmond, VA 23237

Telephone: 800.347.4010

Report Number: 15-12-01933

Client: Hart Environmental Resources
262 Hedge Drive
Springfield, OH 45504

Received Date: 12/15/2015
Analyzed Date: 12/15/2015
Reported Date: 12/15/2015

Client Number: 36-5620

Project/Test Address: City of Dayton; 30 Greacian

Analyst(s)

Mark Case

ENVIRONMENTAL HAZARDS SERVICES, L.L.C. IPLM

7469 Whitepine Rd., Richmond, VA 23237 (804) 275-4788 (804) 275-4907 FAX

CHAIN OF CUSTODY FORM

Company Name: Hart Environmental Resources
Address: 262 Hedge Dr.
City, State, Zip: Springfield, OH 45504
EHS Client Acct. #: 36-5620 D
Phone #: (937) 325-8777 Fax #: (937) 324-0288
E-mail: hartenv@woh.rr.com

Date: 12/13/15
Contact Name: Lynda Hart
Sampler Name: Lynda Hart
Project #: City of Dayton - 30 Greacian
1 Day TAT
Point count samples with Trace-5% asbestos

Sample Number	Sample Date & Time	Asbestos: Bulk ID by PLM	Asbestos: (PCM) Fiber Count	Asbestos: PLM Point Count	Asbestos: PLM Gravimetric	Asbestos: TEM AHERA (Air)	Asbestos: TEM Chatfield (Bulk)	Lead: Air	Lead: Paint (%)	Lead: Paint (PPM)	Lead: Paint (mg/cm2)	Lead: Soil	Lead: Wipe* (See Note)	Lead: TCLP (Pb)	Lead: Waste Water	Other Metals (Specify metals below): TCLP RCRA 8	Other Metals: Welding Fume	Other Metals: Toxic Metal Profile	Other Metals:	Other Metals:	Indoor Air Quality: Biocassette	Indoor Air Quality: Slide	Indoor Air Quality: Surface Swab	Indoor Air Quality: Surface Tape	Indoor Air Quality: Bulk	Air Volume (L) OR Wipe Area (INCHES)	Comments
30G-8	12/13/15 10AM	✓																									Drywall/JC - Bldg 2 D

Particulate: Total Nuisance (NIOSH 0500) ____
Respirable (NIOSH 0600) ____

15-12-01933

Due Date:
12/16/2015
(Wednesday)
AE

WL

Released by:	Lynda M. Hart	Signature: Lynda M. Hart	Date/Time: 12/13/15 6pm
Received by:	S. Church	Signature: S. Church	Date/Time: 12/15/15

Asbestos 400 Point Count Analysis Report

Environmental Hazards Services, L.L.C.
7469 Whitepine Rd
Richmond, VA 23237

Telephone: 800.347.4010

Report Number: 15-12-01939

Client: Hart Environmental Resources
262 Hedge Drive
Springfield, OH 45504

Received Date: 12/15/2015
Analyzed Date: 12/15/2015
Reported Date: 12/16/2015

Project/Test Address: City of Dayton; 30 Greacian; EHS# 15-12-01933

Client Number:
36-5620

Laboratory Results

Fax Number:
937-324-0288

Lab Sample Number	Client Sample Number	Lab Gross Description	% Asbestos	Narrative ID
15-12-01939-001	30G-8 (Joint Compound Component)	Pale Brown Brittle	<0.25 % Chrysotile	A12

Sample Narratives:

A12: Chrysotile fibers observed but did not fall under any counted points.

Reporting Limit: 0.25 % Asbestos

Method: EPA Method 600/R-93/116, EPA Method 600/M4-82-020

Analyst: Mark Case

Reviewed By Authorized Signatory:

Tasha Eaddy
QA/QC Clerk

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of the Environmental Hazards Service, L.L.C. California Certification #2319 NY ELAP #11714 NVLAP #101882-0 VELAP 460172.

LEGEND NAD = No Asbestos Detected

Analyst Signature Page

Environmental Hazards Services, L.L.C.
7469 Whitepine Rd
Richmond, VA 23237

Telephone: 800.347.4010

Report Number: 15-12-01939

Client: Hart Environmental Resources
262 Hedge Drive
Springfield, OH 45504

Received Date: 12/15/2015
Analyzed Date: 12/15/2015
Reported Date: 12/16/2015

Client Number: 36-5620

Project/Test Address: City of Dayton; 30 Greacian; EHS# 15-12-01933

Analyst(s)

Mark Case

EHS Laboratories

POINT COUNT REQUEST FORM

15-12-01939

Due Date:
12/17/2015
(Thursday)
AE

Environmental Hazards Services, L.L.C.
7469 Whitepine Rd
Richmond, VA 23237
Telephone: 800.347.4010

Received Date: 12/15/2015
Client #: 36-5620
Company Name: Hart Environmental Resources
Project/Test Address: City of Dayton; 30 Greacian; EHS# 15-12-01933
Analysis Requested: 400 Pt Ct

Client Sample #	EHS Sample #	Sample Location and/or Comments
30G-8	1	

Date Samples Received	Received By	Original Analyst	Date Analyzed	Date Request Received	Received By
12/15/15	Sarah	Mark	12/15/15	12/15/15	Tarrig

ENVIRONMENTAL HAZARDS SERVICES, L.L.C. [redacted]

7469 Whitepine Rd., Richmond, VA 23237 (804) 275-4788 (804) 275-4907 FAX

CHAIN OF CUSTODY FORM

Company Name: Hart Environmental Resources
Address: 262 Hedge Dr.
City, State, Zip: Springfield, OH 45504
EHS Client Acct. #: 36-5620 D
Phone #: (937) 325-8777 Fax #: (937) 324-0288
E-mail: hartenv@woh.rr.com

Date: 12/13/15
Contact Name: Lynda Hart
Sampler Name: Lynda Hart
Project #: City of Dayton - 30 Greacian
1 Day TAT
[redacted]

Sample Number	Sample Date & Time	Asbestos: Bulk ID by PLM	Asbestos: (PCM) Fiber Count	Asbestos: PLM Point Count	Asbestos: PLM Gravimetric	Asbestos: TEM AHERA (Air)	Asbestos: TEM Chatfield (Bulk)	Lead: Air	Lead: Paint (%)	Lead: Paint (PPM)	Lead: Paint (mg/cm2)	Lead: Soil	Lead: Wipe* (See Note)	Lead: TCLP (Pb)	Lead: Waste Water	Other Metals (Specify metals below): TCLP RCRA 8	Other Metals: Welding Fume	Other Metals: Toxic Metal Profile	Other Metals:	Other Metals:	Indoor Air Quality: Biocassette	Indoor Air Quality: Slide	Indoor Air Quality: Surface Swab	Indoor Air Quality: Surface Tape	Indoor Air Quality: Bulk	Air Volume (L) OR Wipe Area (INCHES)	Comments
30G-8*	12/13/15 10AM	✓																									Dayton/JC - Bldg 2 D

~~15-12-01933~~ NP 12-15-15

Due Date:
12/16/2015
(Wednesday)
AE

NP

*JOIN 7 Samples
[redacted]
NP 12-15-15

Particulate: Total Nuisance (NIOSH 0500) ___
Respirable (NIOSH 0600) ___

Released by:	Lynda M. Hart	Signature: Lynda M. Hart	Date/Time: 12/13/15 6pm
Received by:	S. Church	Signature: S. Church	Date/Time: 12/15/15

ATTACHMENT 5

WORK ORDER

LAND BANK

NEIGHBORHOOD IMPROVEMENT PROGRAM

NOP #22

November 5, 2015

HART ENVIRONMENTAL, INC.
262 Hedge Drive
Springfield, OH 45504

Subject: NEIGHBORHOOD IMPROVEMENT PROGRAM-ASBESTOS SURVEYS AND POST-ABATEMENT INSPECTIONS

This Transmittal is **Notice of Possession #22** on the Montgomery County Land Reutilization Corporation contract dated January 29, 2015 for the performance of Asbestos Surveys/Post-Abatement Inspections on the properties listed herein.

A Notice of Possession under this agreement hereby gives you possession of the entire parcel(s) including all structures, appurtenances and all contents for the purpose of conducting Asbestos Surveys and Post-Abatement Inspections.
Survey __X__ Post-Abatement Inspection _____

Address	Lot#	Type
4319 Annapolis (Trotwood)	1280 Maplewood	One-story over slab
2344 Cardinal (Harrison Twp)	662, 663 Dixie Hts	One-story over crawl
159 Devonshire (Trotwood)	377 Drexel Pk	One-story over basement
203 Devonshire (Trotwood)	1 Drexel Pk Subd One-A	One-story over basement
4668 Drew (Trotwood)	271 Salem Vil 3	One-story over slab
5121 Gardendale (Trotwood)	655 Townview3 Sec 903 A	One-story over slab
5182 Gardendale (Trotwood)	621 Townview3 Sec1002A	One-story over slab
30 Greacian (Trotwood)	60 Hillside Home 2	One-story over slab
2205 Homesite (Harrison Twp)	14pt Home Site	Two-story over slab
6927 Polk (Harrison Twp)	63 Harrison Ter	One-story over slab

This Notice of Possession becomes effective at 12:01 a.m. Eastern Standard Time in Ohio on **November 6, 2015** which is established as the beginning date of survey activities on these parcels. **Furthermore, the time for completion is 13 working days, or November 25, 2015.**

Dennis Zimmer, Acting Supervisor
City of Dayton
Nuisance Abatement and
Rehabilitation Division