SUBJECT: **DEMO & SITE CLEARANCE OF 40 PROPERTIES**

BID# CF-0140-16 OPEN DATE: **2016-07-06**

GENERAL GOVERNMENT AWARDS COMMITTEE

KIND AND BASIS OF CONTRACT:
CONSTRUCTION FIXED

AGENCY: **MUNICIPAL CODE**

BASIS OF AWARD: **BY ITEM TO THE LOWEST RESPONSIVE, RESPONSIBLE BIDDER**

NUMBER OF BIDS INVITED **8** NUMBER RECEIVED **3** OTHER **0**

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:

Item #2 was awarded to Arwood, Inc., on 08/14/16 in the amount of $8,850.00 which included $400.00 cost of asbestos survey as required by bid specifications. The performed survey requires an asbestos abatement be performed prior to demolition. In accordance with the specifications, the awarded contractor solicited three quotes for the asbestos abatement from the following companies:
1) Bradco Environmental- $3,200.00; 2) Jensafe Environmental- $4,000.00 and; 3) Darcco Environmental- $9,500.00

Recommend approval to increase award for Item #2 to Arwood, Inc., in the amount of $3,200.00 for the asbestos abatement. Total revised award amount for Item #2 not-to-exceed $12,050.00.

This award to be funded by account: ERCD1N1FR-03410 to be executed by Purchase Order/Change Order.

Attachments: Recommendation Memo, Vendor Quotes, Asbestos Report, Previous Award

BUYER: Marilyn Laidler
MARILYN LAIDLER

RESPECTFULLY SUBMITTED: Gregory Pease
GREGORY PEASE, CHIEF
PROCUREMENT DIVISION

CONCURRENCE BY: **Bryan Mosier, Chief, Municipal Code Compliance Division**

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF GGAC COMMITTEE ON RECOMMENDATIONS ABOVE
MEMBERS APPROVING _____ MEMBERS DISAPPROVING _____ DATE: _____

_____ _____ OTHER: _____

_____ _____

_____ _____

ACTION OF AWARDING AUTHORITY DATE: _____

APPROVED _____ DISAPPROVED _____

OTHER _____

SIGNATURE OF AUTHENTICATION _____

FORM GB-108, Revised 12/2007

CF-0140-16

City of Jacksonville, Florida

Lenny Curry, Mayor

Municipal Code Compliance Division
Ed Ball Building
214 N. Hogan Street, 7th Floor
Jacksonville, Florida 32202

ONE CITY. ONE JACKSONVILLE.

May 17, 2017

M E M O R A N D U M

TO: Gregory Pease, Division Chief
Procurement Division

FROM: Bryan Mosier, Division Chief
Municipal Code Compliance Division

RE: **Change order request for item #~~4~~ 2 for PO7A06192**

The survey of the condemned structure at 2909 Anniston Rd. revealed asbestos in the sheet flooring, which must be removed prior to demolition.

I recommend approval of the change order request submitted by Arwood Inc. in the amount of $3,200.00 (reference purchase order # PO7A06192)

Contractor	Item Number	Amount
Arwood Inc.	~~4~~ 2	$3,200.00

Funding Source: ERCD1N1FR /03410

BM/ds

BRADCO ENVIRONMENTAL

5810 Stuart Avenue, Jacksonville FL 32254 904 334-3517

May 15, 2017

PROPOSAL

To: Arwood Inc.
13255 Lanier Rd.
Jacksonville, FL 32226
Attn: Bruce Cox

RE: 2909 Anniston Rd.

Bradco Environmental proposes to furnish all labor, material, trucking, disposal and applicable notifications for the project listed above. This Material is friable and must be removed by a licensed Asbestos Contractor. Removal is performed by a licensed Asbestos Contractor in accordance with EPA and OSHA regulations.

- Remove ACM sheet flooring
- Price includes trucking and disposal by EPA approved landfill facility.

Total Price $3,200

Jerry F Bradley, President

PAYMENT FOR WORK PERFORMED UPON RECEIPT OF INVOICE.

ACCEPTANCE OF PROPOSAL

AUTHORIZED PARTY:_____ **DATE:** _____

THANK YOU FOR THE OPPORTUNITY TO DO BUSINESS

JENSAFE ENVIRONMENTAL

"Serving All Your Environmental Needs"

Ph: 904-695-1424
Fx: 904-695-1425

610-3 N. Lane Avenue
Jacksonville, FL 32254

May 9, 2017

Arwood Waste, LLC.
2004 Eastport
Jacksonville, Florida 32218
E-mail: bruce@arwoodwaste.com

Attention: Bruce Cox
RE: Remove and Dispose Asbestos sheet Flooring at 2909 Anniston Road.

We are pleased to provide this quote for your consideration on the project as referenced above.

Scope of Work

- Mobilize all equipment and materials to site listed above.
- Remove approximately 1,600 S/F of flooring with asbestos containing materials.
- All removal will be per survey
- The wet method will be used during the removal.
- All ACM debris will be disposed of at and approved landfill.
- Employees will use personal protective equipment.
- All work will be performed during normal working hours.

The total cost of this project will be Four Thousand Dollars ($4,000.00).

CLARIFICATIONS:

1. Our proposal includes two (2) million dollar, per occurrence, one million dollar umbrella, per aggregate liability insurance coverage.

2. Work to be completed under current Federal, State, and Local agency regulation, which includes the filing of all notification and permits. Permit fees will be an additional charge, if applicable.
3. Asbestos material removed from the job site will be disposed of in an EPA authorized landfill and the disposal receipt provided to the customer.
4. Customer to provide access for asbestos contractor's vehicles and equipment near the immediate work area.
5. Ten working day notification is required / is not required / will be determined by Duval County Regulatory and Environmental, Air Quality Division.
6. This proposal is based upon 1 mobilization to the project site.
7. Customer to provide water and electric to job site.

We appreciate the opportunity to provide this quote to you on this project and look forward to working with you. If you have any questions or require further assistance, please do not hesitate to call me at (904) 695-1424.

Sincerely,

_____ _____

Acceptance of Proposal Date

Eli Jensen

DARCCO
ENVIRONMENTAL, INC.

Attn: Bruce

PROPOSAL / CONTRACT

Arwood Waste & Demolition 1004 Eastport Road Jacksonville, FL 32218 Phone: 904-502-7006	Date: 8-May-17	Proposal No: **17210-AB**
	Job Name: **Residence Asbestos Abatement**	
	Job Location: **2909 Anniston Road Jacksonville, FL**	

Darcco Environmental, Inc. is pleased to submit our proposal for the above referenced project.:

We propose to furnish all equipment, labor and materials to complete the following:
To remove and dispose of approximately ~ 800 SF of asbestos sheeting vinyl flooring located throughout the residence.
Also to remove all the personal belongings located throughout the residence to access the flooring that needs to be abatement. Contents go as high as 4' from the floor.

Please note that we are not responsible for any paint that may be removed by tape.
Air Monitoring based upon personnel air monitoring only.
All asbestos abatement shall be performed in accordance with EPA and OSHA regulations.
All disposals shall be at an EPA approved and permitted landfill facility.

All the above work will be completed for the sum of: $9,500.00

NINE THOUSAND FIVE HUNDRED DOLLARS & NO / 100

Payment to be made as follows: Payable in full upon completion.

Jerry W. Carter

Signature: _____ **Title:** President

(neb)

Print Name: Jerry W. Carter **Date:** May 8, 2017

ACCEPTANCE OF PROPOSAL

Signature: _____ **Title:** _____

Print Name: _____ **Date:** _____

PLEASE SIGN AND RETURN ONE COPY UPON EXECUTION. THIS AGREEMENT BECOMES A LEGAL AND BINDING CONTRACT. IF AN ACTION BECOMES NECESSARY TO ENFORCE THIS CONTRACT, THE OWNER WILL BE RESPONSIBLE FOR THE ATTORNEY'S FEES AND THE COURT COSTS OF THE CONTRACTOR.

Working for a Cleaner World Today!

6342 Arlington Expressway • Jacksonville, Florida 32211 • office (904) 398-6200 • fax (904) 398-6222
www.darcco.com

6846 Arlington Expressway
Jacksonville, FL 32211
www.acmlabsjax.com

Office: 904.527.8344
Mobile Office: 904.200.2247
Email: hbassocllc@yahoo.com
Lynn@acmlabsjax.com

H/B Associates

PRE-DEMOILTION ASBESTOS SURVEY

For:

RESIDENTIAL STRUCTURE & DETACHED GARAGE
2909 ANNISTON ROAD
JACKSONVILLE, FL 32218
RE# 164422-0000

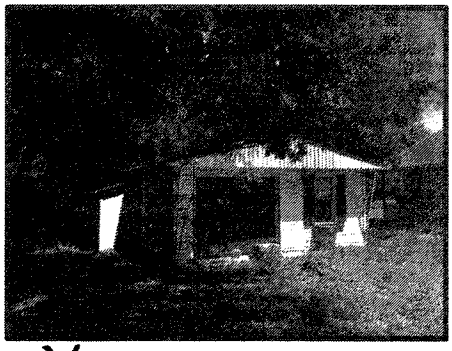
COPY

COPY

Prepared for:

ARWOOD WASTE ®

MR. BRUCE COX
ARWOOD, INC.
13255 LANIER ROOD
JACKSONVILLE, FL 32226



Prepared by:

H/B ASSOCIATES
Henderson / Bundoc Associates, LLC
6846 Arlington Expressway, Jacksonville, FL 32211
HBA#17-10580-15

April 25, 2017

This Asbestos Survey has been performed and prepared by H/B Associates, LLC and reviewed by Timothy F. Caughey, Licensed Asbestos Consultant, as required by Florida Statute. State of Florida Asbestos Business Organization License No. ZA440

6846 Arlington Expressway
Jacksonville, FL 32211
www.acmlabsjax.com

Office: 904.527.8344
Mobile Office: 904.200.2247
Email: hbassocllc@yahoo.com
Lynn@acmlabsjax.com

Henderson/Bundoc Associates

May 2, 2017

Mr. Bruce Cox
Arwood, Inc.
13255 Lanier Road
Jacksonville, FL 32226

Re: H/B Project No.: 17-10580 / Pre-Demolition Asbestos Survey
Residential / 2909 Anniston Road, Jacksonville, FL 32246
RE# 164422-0000

Dear Mr. Cox,

Henderson / Bundoc Associates, LLC (H/B Associates) is pleased to present the final report for the Pre-Demolition Asbestos Survey completed on April 25, 2017.

This Asbestos Survey/Inspection report has been conducted and prepared by H/B Associates, LLC – a State of Florida Asbestos Business Organization License No. ZA440.

If we can be of any further assistance or should you have any questions, please do not hesitate to contact us at your convenience.

Report Respectfully Submitted and Prepared by,

A. Lynn Bundoc
Accredited Asbestos Inspector
Certification No.168673

Inspector:

Michael Angelo Patrick McCarthy
Accredited Asbestos Inspector
Certificate No. BI-081916-0001

Report Reviewed by:

HBA#16-10580-15

Timothy Caughey, CIH, LAC
Florida Licensed Asbestos Consultant
(IA 0000016)

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Asbestos Regulation Frequently Asked Questions Notice of Asbestos Renovation or Demolition Form & FDEP Asbestos NESHAP & Compliance Contacts	Appendix C
Certificates, Licenses, Insurance	Appendix D

I. INTRODUCTION

H/B Associates, LLC was authorized by Mr. Bruce Cox, of Arwood, Inc., on April 21, 2017 to proceed with a Pre-Demolition Asbestos Survey and Inspection of the Residential Structure located at 2909 Anniston Road in Jacksonville, FL. The purpose of the inspection was to evaluate the existing structure prior to demolition for the identification of accessible suspect Asbestos-Containing Materials (ACM), as required by the U.S. Environmental Protection Agency through the *National Emissions Standards for Hazardous Air Pollutant (NESHAP)*, and by the State of Florida.

II. EXECUTIVE SUMMARY

On April 25, 2017, an Accredited Asbestos Inspector (Mr. Michael A. Patrick McCarthy / Certificate No. BI-081916-0001) performed a visual inspection of the structure suspected of containing asbestos. The inspector identified a total of fourteen (14) Homogeneous Areas; a total of fourteen (14) samples were collected. The bulk samples were submitted to HBA's lab on April 28, 2017 for analysis using Polarized Light Microscopy (PLM). Six (6) homogeneous areas yielded a positive result for asbestos: HA6 through HA11 / Sample Nos. 2909-6 through 2909-11 The Sheet Flooring material located throughout the Living Room & Hallway, Bedrooms 1 through 3, the Bathroom and in the Kitchen & Dining Room Floors.

III. DEFINITIONS AND ABBREVIATIONS

The following definitions and abbreviations are appropriate as they pertain to this report.

ACM: Asbestos-Containing Materials. Any material that contains in excess of 1% of the asbestiform minerals, by volume.

Asbestos: The asbestiform varieties of serpentine (chrysotile), riebeckite (crocidolite), cummingtonite-grunite (amosite), amphibole, anthophyllite and actinolite-tremolite.

Category I Non-friable Asbestos Containing Material: Asbestos-containing packings, gaskets, resilient floor covering and asphalt roofing products determined to be ACM.

Category II Non-friable Asbestos Containing Material: Any material, excluding Category I non-friable ACM, that has been found to be ACM and when dry cannot be crumpled, pulverized, or reduced to a powder by hand pressure.

Friable: A material that can be crushed, pulverized, or reduced to powder through hand pressure.

Homogeneous Sampling Area (HSA): An area of material that is similar in color, texture, age, etc.

NESHAP: National Emissions Standards for Hazardous Air Pollutants, 40 CFR 61, Subpart M.

O&M Program: Operations and Maintenance Program. An O&M Program defines special work practices and notifications to minimize exposure of all building occupants to asbestos fibers. The work practices include: (1) maintaining ACM in good condition; (2) ensure proper cleanup of asbestos fibers previously released; (3) preventing further release of asbestos fibers; and (4) monitoring the condition of ACM.

PLM: Polarized Light Microscopy. The recommended analytical method for determining the presence and content of asbestiform minerals in a material.

Regulated Asbestos Containing Material (RACM): means a.) Friable asbestos material b.) Category I non-friable ACM that has become friable, c.) Category I non-friable ACM that will be or has been subject to sanding, grinding, cutting, or abrading or d.) Category II non-friable ACM that has a high probability of becoming or has become crumbed, pulverized, or reduced to a powder by the forces expected to act on the material in the course of renovation or demolition.

IV. SCOPE OR WORK

The Scope of Work for this project was defined and agreed upon as follows:

- Visual inspection of accessible building materials which are suspected of potentially being asbestos-containing materials. (House and Detached Garage)
- Collection of bulk samples of suspect friable and non-friable ACM.
- Analysis of bulk samples by Polarized Light Microscopy (PLM).
- Identification of location of asbestos-containing materials.
- Preparation and submittal of report of Findings, including recommendation for further actions if warranted.
- Inspection/survey performed by Accredited Asbestos Inspector under the direction and reviewed by Florida Licensed Asbestos Consultant (LAC).

V. SITE INSPECTION

The site consists of a single-story residential structure. According to a neighbor the structure has been vacant for "at least five (5) years." Clutter is noted throughout the entire living space and garage and could be described as a hoarder situation. The house structure is grossly infested with termites. Boxes and other debris are densely scattered throughout the entire interior floors (up to 4 feet in some areas) – making it difficult to move throughout the spaces. The structure is posted on the south side door as Condemned and Unsafe by the City of Jacksonville's Municipal Code Compliance Division. This structure is planned for immediate demolition.

According to the City of Jacksonville's Property Appraiser's website, the total gross area of the building and unfinished garage is approximately 1,982 square feet and was built in 1956.

The building's interior walls and ceilings consists of a gypsum wallboard system over wood framework. Sheet flooring is present throughout most of the rooms. Sub-floor is wood on raised concrete block pillars.

Exterior construction consists of wood siding on the house and garage. Windows are wood. An asphalt shingle roof system is utilized on the original base portion of the house and also the detached garage while sheet roofing is noted on the rear addition of the house.

VI. SAMPLING ACTIVITIES

On April 25, 2017 the Inspector collected bulk samples from several locations in the established Homogeneous Sampling Areas identified as potentially containing asbestos. A Homogeneous Sampling Area is defined as an area of material of the same type, texture, and color, and installed or applied in the same general time period. Fourteen (14) bulk samples, from random locations, were collected from select suspect materials. These samples were collected in labeled, air-tight containers and sent to an asbestos analytical laboratory, accompanied by a properly completed Chain-of Custody form, for analysis using Polarized Light Microscopy (PLM), a recommended method of asbestos identification for bulk samples.

Samples were not collected from material that were readily identifiable as non-asbestos (i.e.: wood, fiberglass, foam rubber, etc.) The identified Homogeneous Sampling Areas and materials are as follows:

TABLE 1 – SUSPECT MATERIALS

HSA	SUSPECT MATERIAL	MATERIAL TYPE	LOCATION	SAMPLE #
1	Asphalt Roof Shingles	Miscellaneous	Throughout original Base Roof	2909-1
2	Asphalt Sheet Roofing	Miscellaneous	Rear Addition of House on Roof	2909-2
3	Gypsum Wallboard	Miscellaneous	Throughout Interior Walls	2909-3
4	Gypsum Ceiling Board	Miscellaneous	Throughout Interior Ceilings	2909-4
5	Sheet Floor Covering	Miscellaneous	Front Porch Addition - Floor	2909-5
6	Sheet Floor Covering	Miscellaneous	Living Room & Hallway - Floor	2909-6
7	Sheet Floor Covering	Miscellaneous	Bedroom 1 – Floor	2909-7
8	Sheet Floor Covering	Miscellaneous	Bedroom 2 – Floor	2909-8
9	Sheet Floor Covering	Miscellaneous	Bedroom 3 – Floor	2909-9
10	Sheet Floor Covering	Miscellaneous	Bathroom	2909-10
11	Sheet Floor Covering	Miscellaneous	Kitchen & Dining Room – Floor	2909-11
12	Window Glazing	Miscellaneous	Original Base Windows	2909-12
13	Asphalt Roof Shingles	Miscellaneous	Detached Garage	2909-13
14	Concrete Slab Foundation	Miscellaneous	Detached Garage & Rear Addition of House	2909-14

Homogeneous Sample Area 2 The U.S. Environmental Protection Agency (EPA) suggests three types of materials: (1) Surfacing; (2) Thermal System Insulation; and (3) Miscellaneous

VII. ANALYTICAL RESULTS

The bulk samples were submitted to HBA's lab on April 28, 2017 for analysis using Polarized Light Microscopy (PLM). Six (6) homogeneous areas yielded a positive result for asbestos. The Environmental Protection Agency *NESHAP (40 CFR Part 61)* states that "if the asbestos content is less than ten percent as determined by a method other than Point Counting by Polarized Light Microscopy (PLM), verify the asbestos content by Point Counting by PLM". Analysis yielded the following positive results:

TABLE 2 – ANALYTICAL RESULTS

HSA	Sample #	Material	Asbestos Type	Point Count	F/NF	Location	Approx. Quantity
6	2909-6	Sheet Floor Covering	25% Chrysotile	n/a	NF Cat I *Friable Fibrous Backing	Living Room and Hallway	< 500 SF
7	2909-7	Sheet Floor Covering	25% Chrysotile	n/a	NF Cat I *Friable Fibrous Backing	Bedroom 1	< 250 SF
8	2909-8	Sheet Floor Covering	35% Chrysotile	n/a	NF Cat I *Friable Fibrous Backing	Bedroom 2	< 250 SF
9	2909-9	Sheet Floor Covering	25% Chrysotile	n/a	NF Cat I *Friable Fibrous Backing	Bedroom 3	< 250 SF
10	2909-10	Sheet Floor Covering	25% Chrysotile	n/a	NF Cat I *Friable Fibrous Backing	Bathroom	< 100 SF
11	2909-11	Sheet Floor Covering	35% Chrysotile	n/a	NF Cat I *Friable Fibrous Backing	Kitchen & Dining Room	< 250 SF

888
1 F=Friable; NF=Non-Friable; 3 LF=Lineal Feet; SF=Square Feet. These quantities are only approximate estimates. More accurate quantities need to be developed before use in bidding purposes. Neither HBA nor the Client will be held responsible for anyone's use of the estimated figures

VIII. CONCLUSIONS AND RECOMMENDATIONS

On April 25, 2017, a Pre-Demolition Asbestos Survey was conducted on the residential structure and unfinished detached garage located at 2909 Anniston Raod, Jacksonville, FL 32246. The following materials were found to be asbestos containing:

1. Sheet Floor Covering (Linoleum-like) / Sample Nos. 2909-6 through 2909-11

The Sheet Flooring material is categorized by NESHAP as Category I Non-friable ACM, and as such is unregulated in its current condition. However, upon demolition, the material could become friable and must be removed prior to any demolition activity by a licensed asbestos contractor pursuant to Florida Statute 469. Any material which are to be damaged or altered during the

demolition process and are not specifically listed within the report, should be presumed to contain asbestos until such time that sampling can occur (i.e. fire doors, cooler units, vibration dampers, etc.)

Other Notes:

If the waste is to be recycled or if the building is to be burned, ACM should be removed by a licensed asbestos abatement company prior to demolition.

Please be advised that a copy of this inspection report must be on site during any renovations of the building, in the event of a regulatory inspection.

A Notice of Asbestos Renovation or Demolition Form must be submitted to the appropriate district office of the Florida Department of Environmental Protection (FDEP) at least 10 business days prior to start of abatement for regulated ACM. Duval County belongs to DEP Northeast District. Duval County Environmental and Compliance Department, Environmental Quality Division, 214 North Hogan Street, 7th Floor, Jacksonville, FL 32202, Telephone 904-255-7184, Fax 904-588-0518 Asbestos Contact: Ms. Kathryn Russell. *A separate Notice of Asbestos Renovation or Demolition form is also required to be filed with the FDEP prior to starting demolition of a structure (at least 10 business days - whether or not the building contains asbestos.)*

APPENDIX A

Laboratory Analysis Report
Bulk Sample Log & Field Notes

HBALAB
PO BOX 8798, JACKSONVILLE, FL 32239
Office (904) 527-8344

File Number: 17-10580

Project Name: 2909 Anniston Road, Jacksonville, FL 32246

Client Name: Arwood, Inc, 13255 Lanier Road, Jacksonville, FL 32226

LAB NUMBER	CLIENT NUMBER	IDENTIFICATION	DESCRIPTION	ASBESTOS %	ASBESTOS TYPE	NON-ASBESTOS %	NON-ASBESTOS FIBERS	%	BINDERS
10580-1	2909-1	Asphalt Roof Shingle	Shingle Layer	0	NAD	15	Fiber Glass	85	Aggregate Bitumen Binders
			Black Mastic	0	NAD			100	Bitumen Binders
			Felt Paper	0	NAD	60	Cellulose	40	Bitumen Binders
10580-2	2909-2	Asphalt Sheet Roofing	Shingle Layer	0	NAD	15	Fiber Glass	85	Aggregate Bitumen Binders
			Black Mastic	0	NAD	10	Fiber Glass	90	Bitumen Binders
10580-3	2909-3	Gypsum Wallboard	Paint Layer	0	NAD			100	Binders
			Tan Mat	0	NAD	100	Cellulose		
			Powder Layer	0	NAD	3	Cellulose	97	Gypsum Binders
10580-4	2909-4	Gypsum Ceiling Board	Joint Compound	0	NAD	5	Wollastonite	95	Carboantes Binders
			Tan Mat	0	NAD	100	Cellulose		
			Powder Layer	0	NAD	2	Cellulose	98	Gypsum Binders
10580-5	2909-5	Sheet Flooring	Top Vinyl Layer	0	NAD			100	Binders
			Fibrous Backing	0	NAD	25	Cellulose	75	Binders
10580-6	2909-6	Sheet Flooring	Top Vinyl Layer	0	NAD			100	Binders
			White Foam	0	NAD			100	Foam
			Fibrous Backing	**25**	**Chrysotile**	10	Cellulose	65	Binders
10580-7	2909-7	Sheet Flooring	Vinyl Top Layer	0	NAD			100	Binders
			White Foam	0	NAD			100	Foam
			Fibrous Backing	**25**	**Chrysotile**	10	Cellulose	65	Binders
10580-8	2909-8	Sheet Flooring	Vinyl Top Layer	0	NAD			100	Binders
			Fibrous Backing	**35**	**Chrysotile**	8	Cellulose	57	Binders

NAD= No Asbestos Detected Due to the limitations of Method EPA/600/R-93/116, PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar non-friable materials. TEM is currently the only method that can be used to determine the conclusive content. All percentages recorded on this report are by Calibrated Visual Estimations utilizing EPA "Method for the Determination of Asbestos in Bulk Building Materials" (EPA/600/R-93/116) This report relates only to the items tested..

Report Date: 4/28/17 5/1/17
Microscopist: A. Lynn Bundoc

HBALAB
PO BOX 8798, JACKSONVILLE, FL 32239
Office (904) 527-8344

File Number: 17-10580

Project Name: 2909 Anniston Road, Jacksonville, FL 32246

Client Name: Arwood, Inc., 13255 Lanier Road, Jacksonville, FL 32226

LAB NUMBER	CLIENT NUMBER	IDENTIFICATION	DESCRIPTION	ASBESTOS %	ASBESTOS TYPE	NON-ASBESTOS %	NON-ASBESTOS FIBERS	%	BINDERS
10580-9	2909-9	Sheet Flooring	Vinyl Top Layer	0	NAD			100	Binders
			White Foam	0	NAD			100	Foam
			Fibrous Backing	**25**	**Chrysotile**	10	Cellulose	65	Binders
10580-10	2909-10	Sheet Flooring	Top Vinyl Layer	0	NAD			100	Binders
			White Foam	0	NAD			100	Foam
			Fibrous Backing	**25**	**Chrysotile**	10	Cellulose		
						10	Fiber Glass	55	Binders
10580-11	2909-11	Sheet Flooring	Top Vinyl Layer	0	NAD			100	Binders
			Fibrous Backing	**35**	**Chrysotile**	10	Cellulose	55	Binders
10580-12	2909-12	Window Glazing	Grey Powder	0	NAD	2	Wollastonite	98	Carbonates Binders
10580-13	2909-13	Asphalt Roof Shingle	Shingle Layer	0	NAD	20	Fiber Glass	80	Aggregate Bitumen Binders
			Black Mastic	0	NAD			100	Bitumen Binders
			Felt Paper (1)	0	NAD	60	Cellulose	40	Bitumen Binders
			Felt Paper (2)	0	NAD	60	Cellulose	40	Bitumen Binders
10580-14	2909-14	Concrete Slab	Grey Cementitious	0	NAD			100	Quartz Aggregate Binders

NAD= No Asbestos Detected Due to the limitations of Method EPA/600/R-93/116, PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar non-friable materials. TEM is currently the only method that can be used to determine the conclusive content. All percentages recorded on this report are by Calibrated Visual Estimations utilizing EPA "Method for the Determination of Asbestos in Bulk Building Materials" (EPA/600/R-93/116) This report relates only to the items tested..

Report Date: 4/28/17 5/1/17
Microscopist: A. Lynn Bundoc

6846 Arlington Expressway
Jacksonville, FL 32211
www.acmlabsjax.com

Office: 904.527.8344
Mobile Office: 904.200.2247
Email: hbassocllc@yahoo.com

Asbestos Building Material Survey HB Associates

BULK SAMPLE LOG

Building Street: ANNISTON ROAD No.: 2909 Project No.: 17-10580 Date: 04-25-2017

City, State: JACKSONVILLE, FL 32246 Type of Survey: ☐ Renovation ☑ Demolition ☐ AHERA ☐ OSHA Page 1 of 5

INSTRUCTIONS:

1. List complete information for each type of suspect material (Type, Color, and Size). Describe each homogeneous area. Multiple lines may be used for each material type.
2. Describe the distribution of the material within the building ("3rd floor throughout" or "kitchen & bath"). Estimate quantity of suspect material in square feet, liner feet or cubic feet

Suspect Materials(1)						Samples Collected (provide a single line entry for each sample collected)				
Material Code (ISMS/LB/MS)		Homogeneous Area (a type of material of the same visual appearance, texture and use which was applied during the same general time period)				Sample No.	Floor / Room No.	Sample Location / Comment	Condition (SD/D/G)	Potential Disturbance (H/M/L)
		No.	Material Description	Friable Y/N	Extent of Material (2)					
1	MIS	1	COMPOSITE ASPHALT ROOF SHINGLES - BLACK TABS W/	N	THROUGH-OUT ORIGINAL BASE	2909-1	EXT.	ORIGINAL BASE ROOF	–	–
2			BROWN & RUST PEBBLES INCLUDING BLACK TAR OVER		ROOF <1000 ☐					
3			FELT PAPER							
4	MIS	2	ROLLED ASPHALT SHEET ROOF COVER - 4' BLACK COMPOSITE	N	REAR ADDITION ROOF <300 ☐	2909-2	EXT.	REAR ADDITION ROOF	–	–
5			LAYERS W/ BLACK TAR & BROWN/ RUST PEBBLES ON FACE							
6										
7	MIS	3	GYPSUM WALL BOARD - 5/16" LIGHT GREY CAKE W/ PAPER	N	THROUGH-OUT INTERIOR FINISHED WALLS	2909-3	INT.	HALLWAY @ WALL DAMAGE	–	–
8			BACK & PAINTED FACE							
9										
10										

Inspector Name: W. PATRICK MCCARTHY *Certification No.:* CI-115-081916-0001 *Signature:*

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Asbestos Building Material Survey

HB Associates

BULK SAMPLE LOG

Building Street: ANNISTON ROAD No.: 2909 Project No.: 17-10580 Date: 04-25-2017

City, State: JACKSONVILLE, FL 32246 Type of Survey: ☐ Renovation ☑ Demolition ☐ AHERA ☐ OSHA Page 2 of 5

INSTRUCTIONS:

1. List complete information for each type of suspect material (Type, Color, and Size). Describe each homogeneous area. Multiple lines may be used for each material type.
2. Describe the distribution of the material within the building ("3rd floor throughout" or "kitchen & bath"). Estimate quantity of suspect material in square feet, liner feet or cubic feet

Suspect Materials(1)						Samples Collected (provide a single line entry for each sample collected)				
Material Code (TSI/SU/MIS)		Homogeneous Area (a type of material of the same visual appearance, texture and use which was applied during the same general time period)				Sample No.	Floor / Room No.	Sample Location / Comment	Condition (SD/D/G)	Potential Disturbance (H/M/L)
		No.	Material Description	Friable Y/N	Extent of Material (2)					
1	MIS	4	GYPSUM CEILING BOARD - 5/16" LIGHT GREY CORE W/ PAPER BACK	N	THROUGH-OUT INTERIOR FINISHED	2909-4	INT.	BR 3 @ CEILING DAMAGE	-	-
2			& PAINTED WHITE FACE		CEILINGS					
3										
4	MIS	5	LINOLEUM FLOOR COVERING - CREAM W/ MOTTED TAN STREAKS &	N	THROUGH-OUT FRONT PORCH ADDITION	2909-5	INT.	FRONT PORCH @ ENTRY THRESHOLD	-	-
5			YELLOW GOLD SPECS - PAPER BACKING & CORE		<500 SF					
6										
7	MIS	6	LINOLEUM FLOOR COVERING - LINE GREEN & MOTTED GOLD W/		THROUGH-OUT LIVING ROOM & HALLWAY	2909-6	INT.	LIVING ROOM @ DINING THRESHOLD	-	-
8			PATTERN - VINYL CORE & PAPER BACK		<500 SF					
9										
10										

Inspector Name: M. PATRICK MCCARTHY *Certification No.:* BI-115-081916-0001 *Signature:*

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Asbestos Building Material Survey HB Associates

BULK SAMPLE LOG

Building Street: ANNISTON ROAD No.: 2909 Project No.: 17-10580 Date: 04-25-2017

City, State: JACKSONVILLE, FL 32246 Type of Survey: ☐ Renovation ☑ Demolition ☐ AHERA ☐ OSHA Page 3 of 5

INSTRUCTIONS:

1. List complete information for each type of suspect material (Type, Color, and Size). Describe each homogeneous area. Multiple lines may be used for each material type.
2. Describe the distribution of the material within the building ("3rd floor throughout" or "kitchen & bath"). Estimate quantity of suspect material in square feet, liner feet or cubic feet

Suspect Materials(1)						Samples Collected (provide a single line entry for each sample collected)				
Material Code (TSS/SS/RA/MS)		Homogeneous Area (a type of material of the same visual appearance, texture and use which was applied during the same general time period)				Sample No.	Floor / Room No.	Sample Location / Comment	Condition (SD/D/G)	Potential Disturbance (H/M/L)
		No.	Material Description	Friable Y/N	Extent of Material (2)					
1	MIS	7	LINOLEUM FLOOR COVERING – TAN W/ MOTTED BROWN & RUST	N	THROUGH-OUT BEDROOM 1	2909-7	INT	BEDROOM 1 @ THRESHOLD	–	–
2			PATTERN – VINYL CORE & PAPER BACK		FLOOR < 250 ☑					
3										
4	MIS	8	LINOLEUM FLOOR COVERING – WARM CREAM W/ GRASS GREEN	N	THROUGH-OUT BEDROOM 2	2909-8	INT.	BEDROOM 2 @ THRESHOLD	–	–
5			PATTERN – PAPER BACKING & CORE		FLOOR < 250 ☑					
6										
7	MIS	9	LINOLEUM FLOOR COVERING – YELLOWED WHITE W/ TEAL	N	THROUGH-OUT BEDROOM 3	2909-9	INT.	BEDROOM 3 @ THRESHOLD	–	–
8			GREEN PATTERN – VINYL CORE & PAPER BACKING		FLOOR < 250 ☑					
9										
10										

Inspector Name: M. PATRICK McCARTHY *Certification No.:* CI-115-081916-0001 *Signature:*

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Asbestos Building Material Survey HB Associates

BULK SAMPLE LOG

Building Street: ANNISTON ROAD No.: 2909 Project No.: 17-1058C Date: 04-25-2017

City, State: JACKSONVILLE, FL 32246 Type of Survey: ☐ Renovation ☑ Demolition ☐ AHERA ☐ OSHA Page 4 of 6

INSTRUCTIONS:

1. List complete information for each type of suspect material (Type, Color, and Size). Describe each homogeneous area. Multiple lines may be used for each material type.
2. Describe the distribution of the material within the building ("3rd floor throughout" or "kitchen & bath"). Estimate quantity of suspect material in square feet, liner feet or cubic feet

Suspect Materials(1)						Samples Collected (provide a single line entry for each sample collected)				
Material Code (TSI/SU/MS)		Homogeneous Area (a type of material of the same visual appearance, texture and use which was applied during the same general time period)				Sample No.	Floor / Room No.	Sample Location / Comment	Condition (SD/D/G)	Potential Disturbance (H/M/L)
		No.	Material Description	Friable Y/N	Extent of Material (2)					
1	MIS	10	LINOLEUM FLOOR COVERING – CREAM W/ STONE PATTERN –	N	THROUGH-OUT BATHROOM FLOOR	2909-10	INT.	BATHROOM & THRESHOLD	–	–
2			VINYL COVE & PAPER BACKING		<100 ft					
3										
4	MIS	11	LINOLEUM FLOOR COVERING – TAN W/GRASS & LIME GREEN PATTERN	N	THROUGH-OUT KITCHEN & DINING	2909-11	INT	DINING RM & THRESHOLD TO	–	–
5			– PAPER BACKING & COVE		ROOM FLOOR <250 ft			LIVING ROOM		
6										
7	MIS	12	WINDOW PANE GLAZING PACKING/CAULK – GREY NON-	N	THROUGH-OUT ORIGINAL BASE	2909-12	EXT.	WINDOW PANE SIDE B		
8			FLEXIBLE PUTTY		WINDOWS ON ALL SIDES					
9										
10										

Inspector Name: M. PATRICK McCARTHY *Certification No.:* BI-115-081914-0001 *Signature:*

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Asbestos Building Material Survey HB Associates

BULK SAMPLE LOG

Building Street: ANNISTON ROAD No.: 2909 Project No.: 17-1058C Date: 04-25-2017

City, State: JACKSONVILLE, FL 32246 Type of Survey: ☐ Renovation ☑ Demolition ☐ AHERA ☐ OSHA Page 5 of 5

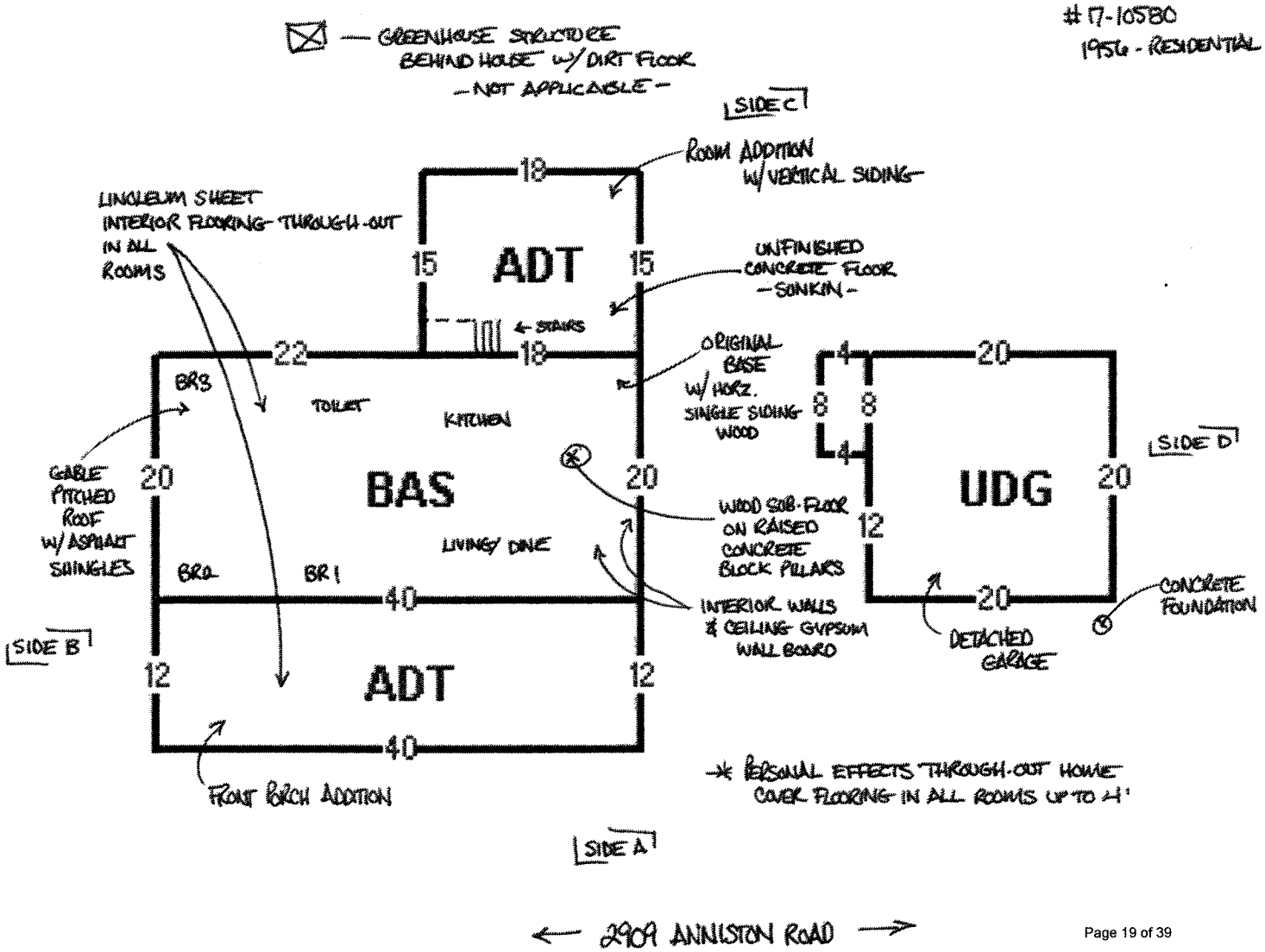
INSTRUCTIONS:

1. List complete information for each type of suspect material (Type, Color, and Size). Describe each homogeneous area. Multiple lines may be used for each material type.
2. Describe the distribution of the material within the building ("3rd floor throughout" or "kitchen & bath"). Estimate quantity of suspect material in square feet, liner feet or cubic feet

Suspect Materials(1)						Samples Collected (provide a single line entry for each sample collected)				
Material Code		Homogeneous Area (a type of material of the same visual appearance, texture and use which was applied during the same general time period)				Sample No.	Floor / Room No.	Sample Location / Comment	Condition (SD/D/G)	Potential Disturbance (H/M/L)
	(TS/SU/R/MS)	No.	Material Description	Friable Y/N	Extent of Material (2)					
1	MS	13	COMPOSITE ASPHALT ROOF SHINGLES - BLACK TABS W/	N	ON-SITE DETATCHED GARAGE ROOF	2909-13	EXT.	DETATCHED GARAGE ROOF	-	-
2			BROWN & RUST PEBBLES INCLUDING BLACK TAR OVER		400 ft²					
3			2 LAYERS OF FELT PAPER							
4										
5	MS	14	CONCRETE SLAB FOUNDATION - GREY CEMENT & STONE MIX	N	DETATCHED GARAGE & REAR	2909-14	EXT.	DETATCHED GARAGE	-	-
6			W/ SMOOTH FINISH		ADDITION <700 ft²			FOUNDATION		
7										
8										
9										
10										

Inspector Name: M. PATRICK McCARTHY *Certification No.:* BI-115-081914-0001 *Signature:*

4-25-2017
#17-10580
1956 - RESIDENTIAL



APPENDIX B

Survey Clarification

SURVEY CLARIFICATIONS

This Asbestos Survey document is not intended as a bid document or specification for abatement. Information used for abatement or bidding purposes is used solely at the user's risk. **No demolition of building components was performed as part of this survey, and although no hidden materials are suspected, no warranty can be given as to discovery of hidden material.**

APPENDIX C

Asbestos Regulation Frequently Asked Questions
Notice of Asbestos Renovation or Demolition Form
FDEP Asbestos NESHAP & Compliance Contacts

Asbestos Regulation Frequently Asked Questions

The Clean Air Act (CAA) requires the U. S. Environmental Protection Agency (EPA) to develop and enforce regulations to protect the general public from exposure to airborne contaminants that are known to be hazardous to human health. In accordance with Section 112 of the CAA, EPA established National Emissions Standards for Hazardous Air Pollutants (NESHAP) to protect the public. Asbestos was one of the first hazardous air pollutants regulated under Section 112. On March 31, 1971, EPA identified asbestos as a hazardous pollutant, and on April 6, 1973, EPA first promulgated the Asbestos NESHAP in 40 CFR Part 61. In 1982, EPA delegated primary authority for the implementation and enforcement of the Asbestos NESHAP to the State of Florida.

The Florida Department of Environmental Protection (DEP) administers an asbestos removal program under Chapter 62-257, Florida Administrative Code. The Asbestos NESHAP has been adopted by reference in section 62-204.800, Florida Administrative Code.

The program's intent is to minimize the release of asbestos fibers during activities involving the processing, handling, and disposal of asbestos-containing material. Accordingly, the Asbestos NESHAP specifies work practices to be followed during demolitions and renovations of all structures, installations, and buildings (excluding residential buildings that have four or fewer dwelling units). In addition, the regulations require the owner of the building and/or the operator to notify the applicable DEP District Office or Local Pollution Control Agency before any demolition, or before renovations of buildings that contain a certain threshold amount of asbestos or asbestos containing materials.

What is the purpose of the Asbestos NESHAP regulation?

As stated above, the purpose is to protect the public health by minimizing the release of asbestos when facilities, which contain asbestos-containing materials (ACMs), are demolished or renovated.

What is a "facility?"

As defined in the regulation, a "facility" is any institutional, commercial, public, industrial or residential structure, installation or building (including any structure, installation or building containing condominiums, or individual dwelling units operated as a residential cooperative, but excluding residential buildings having four or fewer dwelling units); any ship; or any active or inactive waste disposal site. Any building, structure or installation that contains a loft used as a dwelling is not considered residential. Any structure, installation, or building that was previously subject to the Asbestos NESHAP is not excluded, regardless of its current use or function.

Are facilities constructed in the past 10 years subject to the asbestos regulations?

Yes. There is no exclusion date in the asbestos regulations for facilities constructed in the past 10 years.

If I renovate several two-family units, are the units defined as a "facility?"

Residential buildings which have four or fewer dwelling units are not considered "facilities" unless they are part of a larger installation (for example, an army base, company housing, apartment or housing complex, part of a group of houses subject to condemnation for a highway right-of-way, an apartment which is an integral part of a commercial facility, etc.).

Are mobile homes or mobile structures regulated by the Asbestos NESHAP?

Mobile homes used as single-family dwellings are not subject to Asbestos NESHAP unless part of a larger installation. Mobile structures used for non-residential purposes are subject to NESHAP.

Are Federal facilities regulated by the Asbestos NESHAP?

Yes.

Are single-family private residences regulated by the Asbestos NESHAP?

No.

What is a renovation?

A renovation is altering a facility or one or more facility components in any way, including the stripping or removal of Regulated Asbestos Containing Materials (RACM) from a facility component. A renovation could be, but not limited to, any interior renovation or remodel not affecting load-supporting structural members or a roof replacement.

What is a demolition?

A demolition means the wrecking or taking out of any load-supporting structural member of a facility together with any related handling operations or the intentional burning (i.e. practice burns) of any facility.

Is roofing work classified as a renovation or a demolition?

Normally, roofing work with ACM is classified as a renovation in the Asbestos NESHAP. If roofing work involves wrecking or taking out load-supporting structural members, then the work would be classified as a demolition. Also see Roofing FAQ.

How much asbestos must be present before the Asbestos NESHAP work practice standards apply to renovation projects?

Asbestos NESHAP regulations must be followed for all renovations of facilities with at least **80 linear meters (260 linear feet)** of regulated asbestos-containing materials (RACM) on pipes, or **15 square meters (160 square feet)** of regulated asbestos-containing materials on other facility components, or at least **one cubic meter (35 cubic feet)** off facility components where the amount of RACM previously removed from pipes and other facility components could not be measured before stripping. These amounts are known as the "threshold" amounts.

How much asbestos must be present before the Asbestos NESHAP work practice standards apply to demolition projects?

Asbestos NESHAP regulations must be followed for demolitions of facilities with at least **80 linear meters (260 linear feet)** of regulated asbestos-containing materials (RACM) on pipes, **15 square meters (160 square feet)** of regulated asbestos-containing materials on other facility components, or at least **one cubic meter (35 cubic feet)** off facility components where the amount of RACM previously removed from pipes and other facility components could not be measured before stripping. However, all demolitions must notify the appropriate regulatory agency, even if no asbestos is present at the site, and all demolitions and renovations are "subject" to the Asbestos NESHAP insofar as owners and operators must determine if and how much asbestos is present at the site.

Am I required to submit a notification form for a demolition project when no asbestos is present?

Yes. All demolitions must have notifications submitted to the appropriate DEP District Office or Local Pollution Control Agency. See more questions regarding notification below.

Are homes that are demolished or renovated to build non-residential structures regulated by the Asbestos NESHAP?

Yes. For example, the Asbestos NESHAP regulates multiple residential structures that are demolished as part of an urban renewal project, a highway construction project, or a project to develop a shopping mall. A single home which is converted into a non-residential structure is also regulated by the Asbestos NESHAP. For example, if someone buys a house and converts it into a store, the renovation is subject to the Asbestos NESHAP.

What is encapsulation, and is it regulated by the Asbestos NESHAP?

Encapsulation is the application of a material with a sealant to stop it from releasing fibers. Normally, the Asbestos NESHAP does not regulate encapsulation unless it involves removing or stripping asbestos. However, if encapsulation is done using methods that damage asbestos and release fibers it would be covered. For example, high pressure spraying to apply encapsulant could damage asbestos. Also, if friable RACM is encapsulated, the RACM is still covered by the Asbestos NESHAP if renovation or demolition occurs.

What is a notification?

A notification is a written notice of intent to renovate or demolish. Notifications must contain certain specified information, including but not limited to, the scheduled starting and completion date of the work, the location of the site, the names of operators or asbestos removal contractors, methods of removal and the amount of asbestos, and whether the operation is a demolition or renovation. See Section 61.145(b) of the Asbestos NESHAP regulation.

Whom do I notify?

You should notify the DEP District Office or Local Pollution Control Agency in your area of the demolition or renovation operations subject to NESHAP. See contact information for proper submittal of notification form.

How do I notify?

The completed notification form may be submitted by mail, hand or commercial delivery service to the appropriate DEP District Office or Local Pollution Control Agency.

Who is responsible for submitting a notification -- the owner of the building, which is being demolished or renovated, or the contractor?

The NESHAP regulation states that either the owner of the building or operator of the demolition or renovation operation can submit the notification. Usually, the two parties decide together who will notify. If no adequate notice is provided, one or both parties can be held liable.

When a condominium complex is being renovated, who as owner, is responsible for submitting a notification?

While owners and operators share responsibility for proper notification, the condominium or co-op board is responsible as the owner. The board should ensure that they are told when work takes place on individual units, so that they can comply with notification requirements, especially if multiple operators are involved.

Is there a form for notifications?

Yes, there is a form for notification. You can obtain a form, and instructions on how to fill it out, from your DEP District Office, Local Pollution Control Agency or online at http://www.dep.state.fl.us/air/rules/forms/asbestos.htm.

When I notify regarding a renovation, what date do I consider the start date?

For a renovation, the start date is the day that the removal of asbestos-containing material, or any other asbestos-handling activities, including precleaning, construction of containment, or other activities that could disturb the asbestos, will begin.

When I notify regarding a demolition, do I give the start date of the demolition or of the asbestos removal? Which date do I use to determine whether I've met the 10-day waiting period?

For a demolition, the start date is the date that the removal or any removal related activity begins. The date the demolition starts also must be reported. The waiting period should be calculated based on the start date of the removal or if no removal is required then the start date of the demolition. The waiting period is necessary to give inspectors time to visit the site before activity begins.

Can a demolition and a renovation be notified on the same notification form?

Yes. The notification form should include information for both the renovation and demolition. For example, start/finish dates, contractors, waste disposal site(s), etc.

Does the 10-day notification requirement refer to "calendar" days or "working" days?

The asbestos regulations specify "working days." A "working day" is Monday through Friday and includes holidays that fall on any of the days Monday through Friday.

Is the 10 working days in the waiting period ever reduced?

No. The reduction of the waiting period is not allowed in the asbestos regulations.

Is the 10-day waiting period required on all asbestos projects?

No. An emergency renovation is the only project where the 10-day waiting period is not required for notification.

What constitutes an emergency renovation?

An emergency renovation is a renovation that was not planned, but results from a sudden, unexpected event that either immediately produces unsafe conditions, or that, if not quickly remedied, could be reasonably foreseen to result in an unsafe or detrimental effect on health or is necessary to protect equipment and avoid unreasonable financial burden. The term includes renovations necessitated by non-routine equipment failures. For example, the explosion of a boiler in a chemical plant might require emergency renovations, since such an explosion would disrupt normal operations. However, renovations involving routine repairs are not emergencies.

Under what conditions must I notify for emergency renovations? When must I notify?

First, inspect the facility and determine the amount of RACM that may have to be removed or disturbed to repair the facility. (If you don't have the time to have samples analyzed, you should assume that all insulation is RACM.) Then, if the amount of RACM is in excess of the threshold amount, you should mail or deliver a notification as soon as possible, but certainly no later than the following workday. A notification, which is postmarked more than one working day after the emergency, will be considered in violation of the notification requirements. DEP recommends that you send the notice by overnight express mail, and that you phone in a notification as well to the DEP District Office or Local Pollution Control Agency.

What is a "nonscheduled renovation operation"?

A "nonscheduled renovation operation" is a renovation operation that is caused by the routine failure of equipment which is expected to occur based on past operating experience, but for which an exact date cannot be predicted.

Do I have to notify for non-scheduled operations? When?

Yes, if you can predict based on past experience that renovations will be necessary during the calendar year and the amount of asbestos is likely to exceed the jurisdictional amount, notification is required. This notification must be submitted at least 10 working days before the end of the calendar year preceding the year for which notice is being given.

Note: Single renovation projects which exceed the threshold amount are not covered by this type of notice. A separate notification is required for these projects.

Must I notify the agency again if I know that a specific renovation project involving more than the threshold amount (including the work covered by the calendar year notice for non- scheduled operations) is about to occur at a specific time?

Yes.

When does a notification need to be revised?

A notification must be revised if information contained in the original notice has changed. For example, you must revise the notification if you change the start date of an operation. If the change relates to the amount of RACM involved, you need only revise the notification if the amount changes by more than 20 percent.

When do I submit a revised notification?

You should telephone the DEP District Office or Local Pollution Control Agency as soon as possible after you realize the revision is necessary, and should then mail or hand deliver a written notice. If you delay the start date of a project, the DEP District Office or Local Pollution Control Agency must receive the revised notification no later than the original start date. If you plan to begin work before the date specified in the original notice, the DEP District Office or Local Pollution Control Agency must receive the revised notice at least 10 working days before the revised start date.

Does the Asbestos NESHAP require a building owner or operator to remove damaged or deteriorating asbestos-containing material?

No. Not unless a renovation of the facility is planned which would disturb the ACM and it exceeds the threshold amount.

What does "adequately wet" mean?

To "adequately wet" ACM means to sufficiently mix or penetrate the material with liquid to prevent the release of particulates. If visible emissions are observed coming from ACM, then the material has not been adequately wetted. However, the absence of visible emissions is not evidence of being adequately wet.

If a facility is being demolished under an order of a State or local government because the facility is structurally unsound, and therefore unsafe, do all the normal regulations covering demolitions apply?

No. The applicable regulations are specified in section 61.145 (a)(3) of 40 CFR subpart M (Asbestos NESHAP).

If a facility is being demolished under an order of a State or local government, must all the debris be treated as asbestos-contaminated waste?

If, for safety reasons, the RACM in the facility is not removed prior to demolition, the RACM must be kept adequately wet during the wrecking operations. After wrecking, all the contaminated debris must be kept adequately wet until disposal. All contaminated debris which cannot be segregated and cleaned should be disposed of as asbestos waste.

What is friable asbestos-containing material?

Friable ACM is any material containing more than one percent asbestos (as determined by Polarized Light Microscopy) that, when dry, may be crumbled, pulverized, or reduced to powder by hand pressure.

What is non-friable ACM?

Non-friable ACM is any material containing more than one percent asbestos (as determined by Polarized Light Microscopy) that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure. Under the Asbestos NESHAP, non-friable ACM is divided into two categories. **Category I non-friable ACM** are asbestos-containing resilient floor coverings (commonly known as vinyl asbestos tile (VAT)), asphalt roofing products, packings and gaskets. These materials rarely become friable. All other non-friable ACM are considered **category II non-friable ACM**.

Must I remove category I non-friable material prior to demolition or renovation?

Under normal circumstances, category I non-friable materials need not be removed prior to demolition or renovation, because generally these materials do not release significant amounts of asbestos fibers, even when damaged. This is not, however, a hard and fast rule. If category I materials have become friable or are in poor condition, they must be removed. Also, if you sand, grind, abrade, drill, cut or chip any non-friable materials, including category I materials, you must treat the material as friable, if more than the jurisdictional amount is involved.

Must I remove category II non-friable materials prior to demolition or renovation?

These materials should be evaluated on a case-by-case basis. If category II non-friable materials are likely to become crushed, pulverized or reduced to powder during demolition or renovation, they should be removed before demolition or renovation begin. For example, A/C (asbestos cement) siding on a building that is going to be demolished with a wrecking ball should be removed, because it is likely that the siding will be pulverized by the wrecking ball.

Does non-friable waste, if broken, damaged, etc., have to be wetted and contained?

Non-friable ACM that has been damaged during a demolition or renovation operation such that some portions of the material are crumbled, pulverized or reduced to powder is covered by the Asbestos NESHAP if the facility contains more than the threshold amount of RACM. However, category II non-friable ACM that has a high probability of being damaged by the demolition or renovation forces expected to act on the materials such that it will be crumbled, pulverized, or reduced to powder must be removed prior to the demolition or renovation operation. It is the owner's or operator's

responsibility to make these determinations. If the asbestos-containing materials are made friable then the Asbestos NESHAP would apply, including adequately wetting and containing the material.

How should I handle bulk waste from a facility that contained RACM and that was not found until after demolition began?

The demolition debris must be treated as asbestos-containing waste. Adequately wet the demolition debris until collected for disposal and during loading, transport it in covered vehicles and emit no visible emissions to the outside air as required by 61.150 of asbestos NESHAP. The waste must be deposited at an acceptable waste disposal site.

Can I transport bulk asbestos waste without placing it in containers as long as I keep the waste pile wet?

No. After wetting, seal all asbestos-containing waste material in leak-tight containers while wet and label with the appropriate signs and labels. If the waste will not fit into containers, it must be placed in leak-tight wrapping. However, for facilities that are demolished without removing the RACM and for ordered demolitions, the material must be adequately wet after the demolition has occurred and again when loading the material for transport to a disposal site. RACM covered by this paragraph may be transported in bulk without being placed in leak-tight containers or wrapping.

How should I label asbestos-containing waste that is being taken away from the facility?

You should label the containers or wrapped materials with the name of the waste generator and the location at which the waste was generated. An OSHA warning label must also be used.

Where can I obtain a list of permitted landfills?

The DEP District Office or Local Pollution Control Agency can supply a list of permitted asbestos disposal sites upon request. The DEP Bureau of Solid and Hazardous Waste maintains a list of permitted landfills on their website at http://www.dep.state.fl.us/waste/quick_topics/database_reports/default.htm.

What should the owner or operator of a waste disposal site do if it is determined that there is a discrepancy between the amount of waste that left the facility and the amount of waste that was delivered to the site?

The waste site owner or operator must contact the demolition/renovation owner or operator, and attempt to reconcile the discrepancy. If they cannot do so within 15 days after the waste was received, the waste site owner or operator must notify both the delegated agency responsible for the facility from which the waste was removed, and the delegated agency responsible for the area in which the waste was disposed.

Does the NESHAP regulation require air monitoring during renovation or removal?

No.

Does the Asbestos NESHAP regulation require me to have my property inspected for asbestos?

No, not unless demolition or renovation is planned. The NESHAP regulation requires that a thorough inspection for asbestos be conducted before demolition or renovation. An inspection for asbestos should provide an inspection report or supporting information that identifies all asbestos containing materials in the facility or part of the facility affected by the renovation or demolition.

What is a bulk sample?

A bulk sample is a solid quantity of insulation, floor tile, building material, etc., that is suspected of containing asbestos fibers that will be analyzed for the presence and quantity of asbestos.

Will DEP test my building for asbestos for me?

No. Owners and operators are responsible for getting their buildings tested.

How can I find someone to do the testing?

- Contact a Florida licensed Asbestos Consultant in your area for information on sampling and testing for asbestos. The consultants are normally listed in the yellow pages of the phone book. The Florida Department of Business and Professional Regulation licenses the consultants in Florida and provide an online search at https://www.myfloridalicense.com/Default.asp.

How do laboratories analyze bulk samples?

Laboratories analyze bulk samples a number of ways. Most laboratories use Polarized Light Microscopy (PLM). Some laboratories use Transmission Electron Microscopy (TEM). However, there is currently no published method for bulk analysis using TEM.

How much does it cost to have a bulk sample analyzed?

The cost varies with the method. The cost of PLM analysis ranges from $20.00 to $100.00. The average cost is $30.00. TEM analysis is more expensive.

Does an inspector have the right to enter any facility and the containment area?

Yes. Inspectors have the right under the section 403.091 Florida Statutes to inspect a facility to determine compliance with applicable regulations. Inspectors are trained and equipped to do this safely. Contact your DEP District Office or Local Pollution Control Agency for more details on this subject.

Is visible asbestos-containing debris on the ground outside a removal job considered a "visible emission," and a violation of the NESHAP?

Yes. Dry friable asbestos insulation on the ground violates the "adequately wet" requirement, and can be considered evidence of a visible emission.

Is it appropriate for an inspector to open any bags outside the designated contaminated area?

Yes. The inspector may open any bags outside the designated contaminated area to inspect them. The inspector may use a glovebag or other control techniques. The inspector will then properly reseal the bag, or request that the operator do so.

Must an inspector witness improper removal of more than 160 square feet or 260 linear feet of asbestos-containing material to prove a violation of the NESHAP regulation?

No. First, the inspector must gather information about the quantity of asbestos to prove that the project is subject to the NESHAP standards. Second, the inspector must prove that there has been improper removal. The two tasks are distinct from each other.

Do inspectors need to follow facility training requirements including fit testing?

No.

What training is required in the Asbestos NESHAP?

The Asbestos NESHAP requires at least one trained supervisor, such as a foreman or management-level person, employed by the owner and/or operator to be present at any site where RACM is stripped, removed, or otherwise disturbed at any facility which is being demolished or renovated and is regulated by NESHAP. Evidence of the training must be posted and made available for inspection at the demolition or renovation site. Training includes, at a minimum: applicability, notification, material identification, control procedures, waste disposal, reporting and record keeping, asbestos hazards and worker protection.

Every 2 years the trained individual is required to receive refresher training. Information about the training and refresher courses is available from the Florida Department of Business and Professional Regulation at http://www.myfloridalicense.com/dbpr/pro/asbest/index.html.

Florida Department of
Environmental Protection
Division of Air Resource Management

DEP Form 62-257.900(1)
Effective 10-12-08
Page 1 of 2

NOTICE OF DEMOLITION OR ASBESTOS RENOVATION

TYPE OF NOTICE (CHECK ONE ONLY): ☐ **ORIGINAL** ☐ **REVISED** ☐ **CANCELLATION** ☐ **COURTESY**
TYPE OF PROJECT (CHECK ONE ONLY): ☐ **DEMOLITION** ☐ **RENOVATION**
IF DEMOLITION, IS IT AN ORDERED DEMOLITION? ☐YES ☐ NO
IF RENOVATION:
IS IT AN EMERGENCY RENOVATION OPERATION? ☐YES ☐ NO
IS IT A PLANNED RENOVATION OPERATION? ☐YES ☐ NO

I. Facility Name _____
Address _____
City _____ State _____ Zip _____ County _____
Site _____ Consultant Inspecting Site _____
Building Size _____ (Square Feet) # of Floors _____ Building Age in Years _____
Prior Use: ☐ School/College/University ☐ Residence ☐ Small Business ☐ Other _____
Present Use: ☐ School/College/University ☐ Residence ☐ Small Business ☐ Other _____

II. Facility Owner _____ Phone ( ) _____ Email Address _____
Address _____
City _____ State _____ Zip _____

III. Contractor's Name _____ Phone ( ) _____ Email Address _____
Address _____
City _____ State _____ Zip _____
Is the contractor exempt from licensure under section 469.002(4), F.S.? ☐ YES ☐ NO

IV. Scheduled Dates: (Notice must be postmarked 10 working days before the project start date)
Asbestos Removal (mm/dd/yy) Start:_____ Finish:_____ Demo/Renovation (mm/dd/yy) Start: _____ Finish:_____

V. Description of planned demolition or renovation work to be performed and methods to be employed, including demolition or renovation techniques to be used and description of affected facility components._____

Procedures to be Used (Check All That Apply):

☐	Strip and Removal	☐	Glove Bag	☐	Bulldozer	☐	Wrecking Ball
☐	Wet Method	☐	Dry Method	☐	Explode	☐	Burn Down
OTHER:							

VI. Procedures for Unexpected RACM: _____

VII. Asbestos Waste Transporter: Name _____ Phone (_____) _____
Address _____
City _____ State _____ Zip _____

VIII. Waste Disposal Site: Name _____ Class _____
Address _____
City _____ State _____ Zip _____

IX. RACM or ACM: Procedure, including analytical methods, employed to detect the presence of RACM and Category I and II nonfriable ACM.
_____

Amount of RACM or ACM*
RACM ACM
_____ square feet surfacing material
_____ linear feet pipe
_____ cubic feet of RACM off facility components
_____ square feet cementitious material
_____ square feet resilient flooring
_____ square feet asphalt roofing
*Identify and describe surfacing material and other materials as applicable: _____
_____

X. Fee Invoice Will Be Sent to Address in Block Below: (Print or Type)

Name:
Address:
City:
State/Zip:

I certify that the above information is correct and that an individual trained in the provisions of this regulation (40 CFR Part 61, Subpart M) will be on-site during the demolition or renovation and evidence that the required training has been accomplished by this person will be available for inspection during normal business hours.

_____ _____
(Print Name of Owner/Operator) (Date)

_____ _____
(Signature of Owner/Operator) (Date)

DEP USE ONLY Postmark/Date Received ID#

Instructions

The state asbestos removal program requirements of s. 376.60, F.S., and the renovation or demolition notice requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAP), 40 CFR Part 61, Subpart M, as embodied in Rule 62-257, F.A.C., are included on this form.

Check to indicate whether this notice is an original, a revision, a cancellation, or a courtesy notice (i.e., not required by law). If the notice is a revision, please indicate which entries have been changed or added.

Check to indicate whether the project is a demolition or a renovation.

If you checked demolition, was it **ordered** by the State or a local government agency? If so, in addition to the information required on the form, the owner/operator must provide the name of the agency ordering the demolition, the title of the person acting on behalf of the agency, the authority for the agency to order the demolition, the date of the order, and the date ordered to begin. A copy of the order must also be attached to the notification.

If you checked renovation, is it an **emergency renovation operation**? If so, in addition to the information required on the form, the owner/operator must provide the date and hour the emergency occurred, the description of the sudden, unexpected event, and an explanation of how the event caused unsafe conditions or would cause equipment damage or an unreasonable financial burden. If you checked renovation and it is a **planned renovation operation**, please note that the notice is effective for a period not to exceed a calendar year of January 1 through December 31.

I. Complete the facility information. This section describes the facility where the renovation or demolition is scheduled. This address will be used by the Department inspector to locate the project site. Provide the name of the consultant or firm that conducted the asbestos site survey/inspection. For "prior use" check the appropriate box to indicate whether the prior use of the facility is that of a school, college, or university; residence, as "residential dwelling" is defined in Rule 62-257.200, F.A.C.; small business, as defined in s. 288.703(1), F.S.; or other. If "other" is checked, identify the use. Please follow the same instructions for "present use."

II. Complete the facility owner information.

III. Complete the contractor information.

IV. List separately the scheduled start and finish dates (month/day/year) for both the asbestos removal portion of the project and the renovation or demolition portion of the project.

V. Describe and check the methods and procedures to be used for a planned demolition or renovation. Include a description of the affected facility components. (Note: The NESHAP for asbestos, which is adopted and incorporated by reference in Rule 62-204.800, F.A.C., requires obtaining Department approval prior to using a dry removal method in accordance with 40 CFR section 61.145(3)(c)(i).)

VI. Describe the procedures to be used in the event unexpected RACM is found or previously nonfriable asbestos material becomes crumbled, pulverized, or reduced to powder after start of the project.

VII. Complete the asbestos waste transporter information.

VIII. Complete the waste disposal site information.

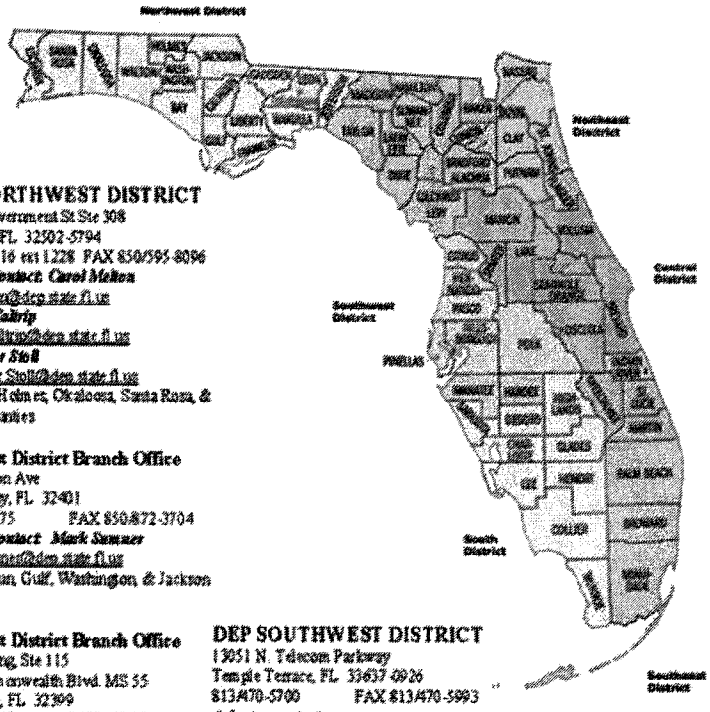
IX. List the amount of RACM or ACM of each type of asbestos to be removed. (Note: A volume measurement of RACM off facility components is **only** permissible if the length or area could not be measured previously.) Identify and describe the listed surfacing material and other listed materials as applicable.

X. Provide the address where the Department is to send the invoice for any fee due. Do not send a fee with the notification. The fee will be calculated by the Department pursuant to Rule 62-257.400, F.A.C.

Sign the form and mail the original to the district or local air program having jurisdiction in the county where the project is scheduled **(DO NOT FAX)**. The correct address can be obtained by contacting the State Asbestos Coordinator at: Department of Environmental Protection, Division of Air Resources Management, 2600 Blair Stone Road, Tallahassee, FL 32399-2400.

FLORIDA Asbestos NESHAP Contacts

Revised July 26, 2013



DEP NORTHWEST DISTRICT
160 W. Government St Ste 308
Pensacola, FL 32502-5794
850/595-0616 ext 1228 FAX 850/595-8096
Asbestos Contact: Carol Melton
carol.melton@dep.state.fl.us
Jennifer Walrip
Jennifer.walrip@dep.state.fl.us
Christopher Stoll
Christopher.Stoll@dep.state.fl.us
Escambia, Holmes, Okaloosa, Santa Rosa, & Walton Counties

Northwest District Branch Office
470 Harrison Ave
Panama City, FL 32401
850/872-4375 FAX 850/872-3704
Asbestos Contact: Mark Sumner
mark.c.sumner@dep.state.fl.us
Bay, Calhoun, Gulf, Washington, & Jackson Counties

Northwest District Branch Office
Carr Building, Ste 115
3800 Commonwealth Blvd. MS 55
Tallahassee, FL 32399
850/245-2960 FAX 850/922-3620
Asbestos Contact: Tracy A. White
tracy.a.white@dep.state.fl.us
Franklin, Gadsden, Jefferson, Wakulla, Liberty & Leon Counties

Pinellas County
Air Quality Division
Pinellas County Air Quality
509 East Avenue South, Ste 138
Clearwater FL 33756
727/464-4422 FAX 727/453-3548
Asbestos Contacts:
Chris Bradeur
cbradeur@pinellascounty.org
Matt McCann
mmccann@pinellascounty.org

DEP SOUTHWEST DISTRICT
13051 N. Telecom Parkway
Temple Terrace, FL 33637-0926
813/470-5700 FAX 813/470-5993
Asbestos contacts:
Max Grondahl, Nita Ostermann
max.grondahl@dep.state.fl.us
Nita.Ostermann@dep.state.fl.us

Citrus, Hardee, Hernando, Manatee, Pasco, & Polk Counties

Hillsborough County
Environmental Protection Commission
3629 Queen Palm Drive
Tampa FL 33619
813/627-2600
FAX 813/627-2660
Asbestos contact: Robert Delgado ext 260
delgado@epchc.org
Marvin Blount ext 1277
blount@epchc.org
Melverlin Cummings ext 1261
cummings@epchc.org

Sarasota County
1001 Sarasota Center Blvd
Sarasota, FL 34240
941/650-7519 FAX 941/861-6267
Asbestos Contact: Brian Mangrum
bmangrum@scgov.net

DEP NORTHEAST DISTRICT
8800 Baymeadows Way West, Suite 100
Jacksonville, FL 32256-7590
904-256-1566 FAX 904/448/4363
Asbestos Contact: Marc Lovalle,
marc.lovalle@dep.state.fl.us
Alachua, Baker, Bradford, Clay, Columbia, Dixie, Flagler, Gilchrist, Hamilton, Lafayette, Levy, Madison, Nassau, Putnam, St. Johns, Suwannee, Taylor & Union Counties

Duval County Environmental and Compliance Department,
Environmental Quality Division
214 North Hogan Street, 7th Floor
Jacksonville FL 32202
904-255-7184 FAX 904/588-0518
Asbestos Contact: Kathryn Russell
russell@coj.net

DEP SOUTH DISTRICT
2295 Victoria Avenue, Suite 364
P.O. Box 2549
Fort Myers, FL 33902-2549
239/344-5600 FAX 239/332-6969
Asbestos Contacts: Robert Stewart, Sherrill Culliver
robert.j.stewart@dep.state.fl.us
sherrill.culliver@dep.state.fl.us
Charlotte, Collier, Desoto, Glades, Hendry, Highlands, Monroe & Lee Counties

South District Branch Offices
Monroe County (the Keys)
2796 Overseas Highway, Suite 221
Marathon FL 33050
305/289-7070 FAX 305/412-0390
Asbestos Contact: Barbara Nevins
barbara.nevins@dep.state.fl.us

DEP CENTRAL DISTRICT
3319 Maguire Boulevard, Suite 232
Orlando, FL 32803-3767
407/897-2938 FAX 850/412-0455
Asbestos Contact: John Vigliotti & Wanda Parker-Garvin
john.vigliotti@dep.state.fl.us
wanda.parker@dep.state.fl.us
Brevard, Lake, Marion, Osceola, Seminole & Volusia Counties

Orange County
Environmental Protection Division
800 Mercy Drive, Suite 4
Orlando, FL 32808
407/836-1400 FAX 407/836-1499
Asbestos Contact: Mike Girton
james.girton@ocfl.net

DEP SOUTHEAST DISTRICT
400 North Congress Avenue Suite 200
West Palm Beach, FL 33401
561/681-6621 FAX 561/681-6790
Asbestos Contact: Patricia Tampas
patricia.tampas@dep.state.fl.us
Martin, Okeechobee, Indian River & St. Lucie Counties

Palm Beach County
Health Department
800 Clematis Street
P.O. Box 29
West Palm Beach FL 33401-0029
561/837-5963 FAX 561/837-5295
Asbestos Contact: Alex Ortega
alexandro_ortega@doh.state.fl.us

Broward County Environmental Protection and Growth Management Department (EPGMD)
Pollution Prevention, Remediation and Air Quality Division
One North University Dr, Ste 203
Plantation, FL 33324-2038
954-519-1420 Fax 954-519-1495
Asbestos Contact: Walt Richards
wrichards@broward.org

Miami-Dade County
Permitting, Environment and Regulatory Affairs (PERA)
Air Quality Management Division
701 N.W. 1st Court, Suite 400
Miami, FL 33136
305/372-6925 FAX 305/372-6954
Asbestos Contact: Ray Gordon
gordon@miamidade.gov
Mallika Mathia
mathia@miamidade.gov

APPENDIX D

Certificates, Licenses, Insurance

2430 University Blvd West
Jacksonville, Florida 32217
904-731-0241

Atlas Scientific

DBPR Provider No. 0004565
Course No. 0006343

This is to certify that

MICHAEL A. PATRICK MCCARTHY

Completed the requirements for the revised Model Accreditation Plan under TSCA Title II on
08/19/16 in Jacksonville, Florida

AHERA Asbestos Building Inspector Refresher Course

as approved by the State of Florida and the USEPA under 40 CFR 763 (AHERA)
and passed the associated examination on 08/19/16 with a score of 70% or higher

SS# XXX-XX- 2687

Certificate # BI-115– 081916-0001

Accreditation Expires: August 19, 2017

Instructor - Dave W. Knothe, CHI, LAC — 08/19/16 *Date*

President - Dave W. Knothe, CIH, LAC — 08/19/16 *Date*

Asbestos Consulting & Training Systems

41072.5007CERT/BIR

900 N.W. 5TH Avenue, Fort Lauderdale, Florida 33311 (954) 524-7208

Processed By:

Seagull

To Authenticate Certificate
www.seagulltraining.com
1-800-966-9933

This is to Certify that

Alberta Lynette Bundo

XXX-XX-5134

3645 Lightview Lane, Jacksonville, FL 32225

has successfully completed an English

Asbestos Building Inspection Refresher

13-Jun-16 TO 13-Jun-16

Meets state requirements of FL49-0001020/CN-0006273 and UT (6.0 core).

NDAAC Provider #451 Trainer(s): Alberto A. Ania

Training Address: 2233 Park Avenue Suite 202, Orange Park, FL, 32073

Successful course completion based on exam score on: 06/12/16

James F. Stump, Course Sponsor

This Certificate Expires:

13-Jun-17 06/13/17

Certificate Number: 168673

Course Number: JE1625

McCRONE RESEARCH INSTITUTE

certifies that

Alberta Lynette Bundoc

has successfully completed an intensive course of instruction in

Advanced Asbestos Identification

given by the McCrone Research Institute

Presented this 18th *day of* June 1999

Gary J. Laughlin

David A. Stoney

Course Date: June 14-18, 1999
3.5 CEU's

McCRONE RESEARCH INSTITUTE

certifies that

Alberta Lynette Bundoc

has successfully completed an intensive course of instruction in

Microscopical Identification of Asbestos

given by the McCrone Research Institute

Presented this 18th day of September 1998

Peter M. Cook

David A. Stoney

Course Date: September 14-18, 1998
3.5 CEU's

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

ASBESTOS LICENSING UNIT
1940 NORTH MONROE STREET
TALLAHASSEE FL 32399-0783

(850) 487-1395

HENDERSON/BUNDOC ASSOCIATES, LLC
TIMOTHY F CAUGHEY
3645 LIGHTVIEW LANE
JACKSONVILLE FL 32225

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbeque restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto **www.myfloridalicense.com**. There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

ZA440 ISSUED: 11/12/2015

ASBESTOS BUSINESS ORGANIZATION
HENDERSON/BUNDOC ASSOCIATES, LLC
TIMOTHY F CAUGHEY

IS LICENSED under the provisions of Ch.469 FS.
Expiration date NOV 30, 2017 L1511120000924

DETACH HERE

RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
ASBESTOS LICENSING UNIT

LICENSE NUMBER	
ZA440	

The ASBESTOS BUSINESS ORGANIZATION
Named below IS LICENSED
Under the provisions of Chapter 469 FS.
Expiration date: NOV 30, 2017

HENDERSON/BUNDOC ASSOCIATES, LLC
TIMOTHY F CAUGHEY
3645 LIGHTVIEW LANE
JACKSONVILLE FL 32225

ISSUED: 11/12/2015 DISPLAY AS REQUIRED BY LAW SEQ # L1511120000924

HENDASS-01 PHILLIPSC

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 7/22/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER License # 0E67768
Legends Environmental Ins. Services
130 Vantis
Suite 250
Aliso Viejo, CA 92656

CONTACT NAME: Elizabeth Leach
PHONE (A/C, No, Ext): (800) 992-6999 FAX (A/C, No): (800) 999-3987
E-MAIL ADDRESS: Elizabeth.Leach@ioausa.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Westchester Surplus Lines Insurance Company	10172
INSURER B :	
INSURER C :	
INSURER D :	
INSURER E :	
INSURER F :	

INSURED
Henderson/Bundoc Associates, LLC
P.O. Box 8798
Jacksonville, FL 32239

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE	$ 1,000,000
	CLAIMS-MADE X OCCUR			G27075344 004	06/07/2016	06/07/2017	DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 50,000
	X Contractor Pollution						MED EXP (Any one person)	$ 10,000
							PERSONAL & ADV INJURY	$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$ 2,000,000
	X POLICY PRO-JECT LOC						PRODUCTS - COMP/OP AGG	$ 2,000,000
	OTHER:						Deductible	$ 2,500
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$
	ANY AUTO						BODILY INJURY (Per person)	$
	ALL OWNED AUTOS / SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	HIRED AUTOS / NON-OWNED AUTOS						PROPERTY DAMAGE (Per accident)	$
								$
	UMBRELLA LIAB / OCCUR						EACH OCCURRENCE	$
	EXCESS LIAB / CLAIMS-MADE						AGGREGATE	$
	DED / RETENTION $							$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						PER STATUTE / OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N (Mandatory in NH)	N / A					E.L. EACH ACCIDENT	$
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$
							E.L. DISEASE - POLICY LIMIT	$
A	Professional Liab.			G27075344 004	06/07/2016	06/07/2017	Each Claim	1,000,000
A	Professional Liab.			G27075344 004	06/07/2016	06/07/2017	Aggregate	2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

For Bidding and Information

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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TITLE: DEMO & SITE CLEARANCE OF 40 PROPERTIES

BID NO.: CF-0140-16 (MUNICIPAL CODE)

OPEN DATE: JULY 6, 2016 @ 2PM

BUYER: MARILYN LAIDLER, PURCHASING ANALYST

No. Invited: (6) No. Received (3) No Bids: (0)

ITEM	DESCRIPTION	MICHAEL LLOYD HAULING				ARWOOD WASTE, INC.				P & G LAND CLEARING, INC			
		ASBESTOS SURVEY	ASBESTOS FREE DEMO	EXTENDED TOTAL	WET DEMOLITION	ASBESTOS SURVEY	ASBESTOS FREE DEMO	EXTENDED TOTAL	WET DEMOLITION	ASBESTOS SURVEY	ASBESTOS FREE DEMO	EXTENDED TOTAL	WET DEMOLITION
1	**2102 ALLENDALE CR. E,** (SINGLE FAMILY) DESCRIBED AS: 21-65 08-2S-26E ALLANDALE LOT 8 BLK 3 (DEMOLITION AND SITE CLEARANCE) R.E. #049886-0000 (CONTRACTOR MUST SUBMIT A BID FOR THE COST OF AN ASBESTOS SURVEY AND WET DEMOLITION) (NORTHWEST)	$ 175.00	$ 4,500.00	$ 4,675.00	$ 5,675.00	$ 400.00	$ 6,500.00	$ 6,900.00	$ 27,500.00	$ 275.00	$ 5,450.00	$ 5,725.00	$ 1,000.00
2	**2909 ANNISTON ROAD,** (SINGLE FAMILY) DESCRIBED AS; 22-074 19-2S-28E 30-2S-28E 31-2S-28E NOTTINGHAM FOREST UNIT 2 LOT 15 BLOCK 13 O/R 149-199 (DEMOLITION AND SITE CLEARANCE) R.E. #164422-0000 (CONTRACTOR MUST SUBMIT A BID FOR THE COST OF AN ASBESTOS SURVEY AND A WET DEMOLITION) (GREATER ARLINGTON)	$ 175.00	$ 9,800.00	$ 9,975.00	$ 11,975.00	$ 400.00	$ 8,450.00	$ 8,850.00	$ 32,500.00	$ 475.00	$ 9,125.00	$ 9,600.00	$ 1,500.00
3	**1025 ARDOON ST,** (SINGLE FAMIL) DESCRIBED AS: 6-28 39-1S-26E N BROOKSIDE LOT 17 BLK 20 (DEMOLITION AND SITE CLEARANCE) R.E. #032654 0000 (CONTRACTOR MUST SUBMIT A BID FOR COST OF AN ASBESTOS SURVEY AND WET DEMOLITION) (NORTH)	$ 175.00	$ 4,500.00	$ 4,675.00	$ 5,675.00	$ 400.00	$ 6,900.00	$ 7,300.00	$ 29,500.00	$ 275.00	$ 5,775.00	$ 6,050.00	$ 1,000.00
4	**5821 BEGONIA ROAD,** (SINGLE FAMILY) DESCRIBED AS; 22-021 39-1S-26E MAGNOLIA GARDENS UNIT 1 LOT 18 BLOCK 3 O/R BK 3423-838 (DEMOLITION AND SITE CLEARANCE) R.E. #028041-0000 (CONTRACTOR MUST SUBMIT A BID FOR COST OF AN ASBESTOS SURVEY AND WET DEMOLITON) (NORTHWEST)	$ 175.00	$ 5,200.00	$ 5,375.00	$ 6,375.00	$ 350.00	$ 6,700.00	$ 7,050.00	$ 28,900.00	$ 475.00	$ 11,875.00	$ 12,350.00	$ 1,500.00
5	**5830 BRILEY AVENUE,** (SINGLE FAMILY) DESCRIBED AS; 8-44 39-1S-26E .17 PICKETTS S/D SIBBALD GRANT PT LOT 10 RECD O/R 12166-758 (DEMOLITION AND SITE CLEARANCE) R.E. #024445-0000 (CONTRACTOR MUST SUBMIT A BID FOR THE COST OF AN ASBESTOS SURVEY AND WET DEMOLITION) (NORTH)	$ 175.00	$ 4,500.00	$ 4,675.00	$ 5,875.00	$ 400.00	$ 6,900.00	$ 7,300.00	$ 31,000.00	$ 275.00	$ 5,925.00	$ 6,200.00	$ 1,000.00
6	**8455 BUTTERCUP STREET,** (SINGLE FAMILY) DESCRIBED AS:3-51 10-3S-25E .290 JACKSONVILLE HEIGHTS TOWNSITE LOTS 16, 17 BLK 28 (DEMOLITION AND SITE CLEARANCE) R.E. #013248-0000 (CONTRACTOR MUST SUBMIT A BID FOR THE COST OF AN ASBESTOS SURVEY AND WET DEMOLITION) (SOUTHWEST)	$ 175.00	$ 4,800.00	$ 4,975.00	$ 5,975.00	N/A	N/A	N/A	N/A	$ 275.00	$ 4,750.00	$ 5,025.00	$ 1,000.00
7	**5737 CARVER CIRCLE,** (SINGLE FAMILY) DESCRIBED AS: 19-75 39-1S-26E CARVER HEIGHTS S/D PT LOT 20 PICKETTS S/D LOT 16 (DEMOLITION AND SITE CLEARANCE) R.E. #026379-0000(CONTRACTOR MUST SUBMIT A BID FOR THE COST OF ASBESTOS SURVEY AND A WET DEMOLITION) (NORTH)	$ 175.00	$ 5,100.00	$ 5,275.00	$ 6,475.00	$ 350.00	$ 6,000.00	$ 6,350.00	$ 25,900.00	$ 275.00	$ 4,975.00	$ 5,250.00	$ 1,000.00
8	**5727 CARVER CIRCLE,** (SINGLE FAMILY) DESCRIBED AS: 19-75 39-1S-26E CARVER HEIGHTS S/D PT LOT 20 PICKETTS S/D LOT 16 (DEMOLITION AND SITE CLEARANCE) R.E. #026379-0000 (CONTRACTOR MUST SUBMIT A BID FOR THE COST OF AN ASBESTOS SURVEY AND WET DEMOLITION) (NORTH)	$ 175.00	$ 5,200.00	$ 5,375.00	$ 6,375.00	$ 350.00	$ 5,500.00	$ 5,850.00	$ 24,900.00	$ 275.00	$ 4,775.00	$ 5,050.00	$ 1,000.00
9	**69 CENTURY STREET,** (SINGLE FAMILY) DESCRIBED AS; 23-2S-27E OAKWOOD VILLA ESTATES LOTS 134,135 (EX PT IN TRACT E P BK 7-10) BLK 29B (DEMOLITION AND SITE CLEARANCE) R.E. #144737-0000 (CONTRACTOR MUST SUBMIT A BID FOR THE COST OF AN ASBESTOS SURVEY AND WET DEMOLITON) (GREATER ARLINGTON)	$ 175.00	$ 5,400.00	$ 5,575.00	$ 6,775.00	N/A	N/A	N/A	N/A	$ 275.00	$ 4,975.00	$ 5,250.00	$ 1,000.00
10	**3745 CHEROKEE VILLA LANE** (SINGLE FAMILY) DESCRIBED AS; 29-88 51-1S-27E FORT CAROLINE CLUB ESTATES UNIT NO 3 LOT 219 (DEMOLITION AND SITE CLEARANCE) R.E. #111723-0000 (CONTRACTOR MUST SUBMIT A BID FOR THE COST OF AN ASBESTOS SURVEY AND WET DEMOLITION) (GREATER ARLINGTON)	$ 175.00	$ 6,900.00	$ 7,075.00	$ 8,675.00	$ 400.00	$ 8,000.00	$ 8,400.00	$ 32,500.00	$ 275.00	$ 6,450.00	$ 6,725.00	$ 1,500.00
11	**5837 CHRISTOBEL AVENUE,** (SINGLE FAMILY) DESCRIBED AS; 3-98 39-1S-26E .187 RUTLEDGES S/D LOT 20 PICKETTS S/D PT LOT 39 RECD O/R 14476-2049 (DEMOLITION AND SITE CLEARANCE REMOVE CHAIN LINK FENCE FACING DETROIT STREET) R.E. #026307-0000 (CONTRACTOR MUST SUBMIT A BID FOR THE COST OF AN ASBESTOS SURVEY AND WET DEMOLITION) (NORTH)	$ 175.00	$ 6,200.00	$ 6,375.00	$ 7,875.00	$ 400.00	$ 7,500.00	$ 7,900.00	$ 31,000.00	$ 275.00	$ 5,425.00	$ 5,700.00	$ 1,500.00

SUBJECT: **DEMO & SITE CLEARANCE OF 40 PROPERTIES**

BID# CF-0140-16 OPEN DATE: **2016-07-06**

GENERAL GOVERNMENT AWARDS COMMITTEE

KIND AND BASIS OF CONTRACT:
CONSTRUCTION FIXED

AGENCY: **MUNICIPAL CODE**

BASIS OF AWARD: **BY ITEM TO THE LOWEST RESPONSIVE, RESPONSIBLE BIDDER**

NUMBER OF BIDS INVITED **8** NUMBER RECEIVED **3** OTHER **0**

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:

Recommend approval of award to the lowest responsive, responsible bidder(s) as follows: Arwood Waste, Inc., bid item(s): 2 and 27 in the amount of $15,650.00; Michael Lloyd Hauling, Inc., bid item(s): 1, 3, 4, 5, 6, 12, 13, 15, 16, 19, 21, 22, 25, 26, 28, 29, 31, 32, 33, 34, 35, and 40 in the amount of $ 131,250.00; and P & G Land Clearing, Inc., bid item(s): 7, 8, 9, 10, 11, 14, 17, 18, 20, 23, 30, 36, 37 and 38 in the amount of $83,200.00. Total award amount not-to-exceed $230,100.00.

Items 24 and 39 will not be awarded.

This award to be funded by account: ERCC1L2CP-03410 to be executed by Purchase Order(s).

Attachments: Recommendation Memo, Bid Tabulation, Terms & Conditions

BUYER: Marilyn Laidler
MARILYN LAIDLER

RESPECTFULLY SUBMITTED: Greg Pease
GREGORY PEASE, CHIEF
PROCUREMENT DIVISION

CONCURRENCE BY: **Bryan Mosier, Chief, Municipal Code Compliance Division**

(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)

ACTION OF GGAC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING 3 MEMBERS DISAPPROVING — DATE: 8/11/2016

Teresa R. Eichner

OTHER:

ACTION OF AWARDING AUTHORITY DATE: 8/11/16

APPROVED ✓ DISAPPROVED

OTHER

SIGNATURE OF AUTHENTICATION Sam E. Mousa

Sam E. Mousa
Chief Administrative Officer
~~For: Mayor Lenny Curry~~
Under Authority of:
~~Executive Order No.~~ 2015-05

FORM GB-108, Revised 12/2007

QWS3270X 5/19/2017 2:39 PM
FAML6350 V5.1 ** NW COJ FAMIS PRODUCTION ** 05/19/2017
LINK TO: ACCOUNT SUMMARY INQUIRY 2:39 PM

FISCAL MO/YEAR : 08 2017 CURRENCY CODE :
INDEX CODE : ERCD1N1FR FORECLOSED PROPERTY REGISTRY-HOUSING SER
SUBOBJECT : 03410 CONTRACTUAL SERVICES
PROJECT :
PROJECT DETAIL :
GRANT :
GRANT DETAIL :
USER CODE :

S	MAY 2017	ANNUAL BALANCE	ALL YEARS BALANCE
ESTIMATED REVENUES	.00	.00	.00
REVENUES	.00	.00	.00
UNREALIZED REVENUES	.00	.00	.00
BUDGET	.00	1,115,930.00	1,115,930.00
EXPENDITURES	54,764.00	287,218.00	287,218.00
ENCUMBRANCES	92,222.00	384,412.18	384,412.18
PRE-ENCUMBRANCES	94,919.50	94,919.50	94,919.50
REMAINING BALANCE	-241,905.50	349,380.32	349,380.32

F1-HELP F2-SELECT F4-PRIOR F5-NEXT
F9-LINK F10-PRIOR-MO F11-NEXT-MO
G005 - PRIOR RECORD DISPLAYED