#### The Village of Estero 9401 Corkscrew Palms Circle Estero, FL 33928

(239) 319-2821 www.Estero-fl.gov

DATE: May 26, 2020

SOLICITATION NO.: RFB 2020-06

SUBJECT: ADDENDUM NUMBER: Two (2)

REFERENCE: Estero on the River Structure Demolition

NOTE: The Bid Due Date for this this project has changed. It is now: **Tuesday, June 9, 2020 at 2:00 p.m.** The hard copy submittal requirements within the bid are waived and there will be no public opening scheduled. Please submit your bid response electronically to me via email at the following address: franceschini@estero-fl.gov

The following changes/responses/clarifications shall become a part of the Bid Documents and shall be as binding as if contained therein:

The Village has engaged American Management Resources Corporation (AMRC) as a Consultant on this project. Attached to this Addendum is a letter from AMRC dated May, 2020 which includes the following:

- Responses to questions from Contractors from the initial Bid Walk-Through.
- Refreshed photos and list/descriptions of the structures as well as the additional structure at the Happehatchee Center.
- Miscellaneous additional information to assist Bidders.

NOTE: Site inspections/surveys have been performed as required by DEP. They are attached to this Addendum. All identified asbestos will be removed from the property prior to the awarded contractor beginning work.

NOTE: A revised Proposal Quote Form is attached to this Addendum. Please replace page 10 in the original package with page 10A (attached). This revised page includes a space to provide pricing for an additional structure; and Option A to remove any septic systems which may be discovered after work has begun.

NOTE: A revised Vendor Disclosure Form is attached to this Addendum. Please replace pages 21 and 22 in the original package with pages 21A and 22A (attached).

#### Additional Clarifications:

Each site is to be demolished/removed with the least impact as possible to the property and in accordance with all federal, state and local rules, laws and codes. Demolition/removal includes but is not limited to the following:

- Wood and concrete structures.
- Concrete slabs.
- Building supports wood/concrete.
- Plumbing, septic and water well equipment.
- Landscape features.
- General residential debris.

All water wells are to remain. However, the associated pumps and other equipment are to be removed. All wells are to be marked (orange fluorescent spray paint and orange tape), capped and in addition the GPS coordinates of the wells should be recorded and provided to the Village of Estero. The horizontal distribution pipes that are discovered are to be removed.

All known septic systems are to be properly removed from the site in accordance with the Lee County Health Department and other regulatory guidelines. The contents from each tank are to be vacuumed out and properly disposed of off-site at a permitted facility.

The awarded contractor will be required to clean up and remove the debris located around the structures.

All access to the sites for the awarded contractor will be from Corkscrew Road.

Permit and Inspection Fees will not be waived by the Village. The Permit and Inspection Fees for building demolition are \$150 per building for a total of \$1,650 (\$150 x 11).

The pile of concrete off to the side of the path is part of Structure #10.

Within 10-15 yards of the buildings there are native and non-native trees which shall be demarcated and protected. Trees (both native and non-native) may not be removed without prior approval of the Village representative. The Village understands that some of the smaller trees will be impacted during the demolition but every effort should be made to work around the larger trees when possible.

BIDDER IS ADVISED, YOU ARE REQUIRED TO ACKNOWLEDGE RECEIPT OF THIS ADDENDUM WHEN SUBMITTING A BID. FAILURE TO COMPLY WITH THIS REQUIREMENT MAY RESULT IN THE BIDDER BEING CONSIDERED NON-RESPONSIVE. ALL OTHER TERMS AND CONDITIONS OF THE BIDDING DOCUMENTS ARE AND SHALL REMAIN THE SAME.

Bob Franceschini, C.P.M., CPPB, Purchasing Manager

Addendum #2/Bid No.: RFB 2020-06

# VILLAGE OF ESTERO, FLORIDA PROPOSAL QUOTE FORM FOR ESTERO ON THE RIVER STRUCTURE DEMOLITION

DATE SUB	BMITTED:	
VENDOR N	NAME:	_
	he Village of Estero stero, Florida	
Having care Documents,	efully examined the "General Provisions", and the "Speci the Undersigned proposes to furnish the following which	al Provisions", all of which are contained in the Contract in meets these specifications:
WEB SITE		THE VENDOR TO CHECK THE VILLAGE OF ESTEROPROJECT. THE VILLAGE WILL POST ADDENDA TO
The undersi	gned acknowledges Addenda numbers:	
COST TO I	DEMOLISH STRUCTURE #1:	\$
COST TO I	DEMOLISH STRUCTURE #2:	\$
COST TO I	DEMOLISH STRUCTURE #3:	\$
COST TO I	DEMOLISH STRUCTURE #4:	\$
COST TO I	DEMOLISH STRUCTURE #5:	\$
COST TO I	DEMOLISH STRUCTURE #6:	\$
COST TO I	DEMOLISH STRUCTURE #7:	\$
COST TO I	DEMOLISH STRUCTURE #8:	\$
COST TO I	DEMOLISH STRUCTURE #9:	\$
COST TO I	DEMOLISH STRUCTURE #10:	\$
COST TO I	DEMOLISH STRUCTURE #11:	\$
	GRAND TOTAL FOR ALL STRUCTURES:	\$(BASIS OF AWARD)
OPTION A	- REMOVAL OF ADDITIONAL SEPTIC SYSTEMS	
	COST PER SEPTIC SYSTEM:	\$

NOTE: ALL WORK IS TO BE CONDUCTED IN ACCORDANCE WITH THE DETAILED AND TECHNICAL SPECIFICATIONS INCLUDED HEREIN.

Page 10A of 31

Addendum #2/Bid No.: RFB 2020-06

## VILLAGE OF ESTERO, FLORIDA VENDOR DISCLOSURE FORM

Project No.:		
Project Name:		
Please check as app	propriate:	
	I am the sole proprietor/owner.	The company is not publicly held.
	The company is not publicly he The names and addresses of the interest is attached.	ld. owners having a greater than 5%
	The company is publicly held. The names and addresses of the interest is attached.	owners having a greater than 5%
I do hereby certif and attached is true		and belief certify that the information above
		Signed:
		Vendor Printed Name
		Company Name:
		Date

Addendum #2/Bid No.: RFB 2020-06

### NAMES & ADDRESSES OF OWNERS

NOTE: Please list individuals; the listing of a corporation(s) is <b>NOT</b> acceptable.					



#### AMERICAN MANAGEMENT RESOURCES CORPORATION

5230 Clayton Court • Fort Myers • Florida • 33907 • Phone (239) 936-8266

DATE: May 2020

SOLICITATION NO.: RFB 2020-06

SUBJECT: ADDENDUM NUMBER: Two (2)

REFERENCE: Estero on the River Structure Demolition

#### RESPONSES TO QUESTIONS FROM CONTRACTORS FROM THE INITIAL BID WALK-THROUGH

1. What type of topsoil do we want to put down?

Back blade the surface of the demolition area and any locations were soil was disturbed. If soil is needed it must be clean with minimal to no rocks or debris.

2. Will permit and inspection fees be waived by the Village? If not, what are the permit and inspection fees?

\$150 per building for a total of \$1,650 (\$150 x 11)

3. Is there any gas running to any of the properties? If so, has it been shut off?

TECO gas was contacted and they reported no gas being supplied to the structures. Also, a visual assessment of the structures did not reveal visibly obvious gas connections or appliances that were used within the structures. If during the demolition activities gas lines or tanks are discovered stop work and report to The Village of Estero.

4. Is the water going into the property well or sewer? Has the water been retired?

There are five (5) wells and four (4) septic systems that have been identified on the subject property. The known wells and any discovered wells are to be marked (orange fluorescent spray paint and orange tape), capped and in addition the GPS coordinates of the wells should be recorded and provided to the Village of Estero. The known septic systems and any discovered septic systems are to be removed by the demolition contractor. In your bid response see line item "OPTION A – REMOVAL OF ADDITIONAL SEPTIC SYSTEMS" and provide a per unit cost for removal of each septic system more than the four (4) known septic systems.

5. We will need to have an asbestos survey done which will then need to be submitted to the DEP for approval (there is a 10-day notice period involved in this process).

Please see asbestos survey conducted by AMRC report # 20-032751-AS. The known asbestos containing materials will be removed prior to the demolition. The exception is the built-up roofing located at Structure 1 - SW Corner Parcel 1 Two (2) Story Building. The selected demolition contractor will work with The Village of Estero's abatement contractor who will be onsite during demolition to receive the roofing debris into their waste container.

6. Verify that there are no wetlands that will present issues to bringing heavy equipment to the areas and that will enable them to leave as many trees standing as possible.

Wetlands are located on the property and in the vicinity of the structures. The contractors must stay within 10-15 yards of each structure with their demolition and disposal activities.

7. Is the removal of all vegetation foliage/tree trimmings required and to be included in the bid price?

The demolition activities should have limited impact to the existing vegetation. Where vegetation is removed or damaged the demolition contractor is responsible to remove, transport and dispose of debris from the subject site.

8. How many septic systems are there? What is the contractor's responsibility for septic – if any? If contractor's responsibility, will the septic tank(s) be required to be removed or collapsed and filled in?

There are four (4) known septic systems. The contractor is responsible for the removal and disposal of all four (4) known septic systems that are located at structures 3, 6, 7, and 9. The known septic systems and any discovered septic systems are to be removed by the demolition contractor. In your bid response see line "OPTION A – REMOVAL OF ADDITIONAL SEPTIC SYSTEMS" and provide a per unit cost for each septic system more than the four (4) known septic systems.

9. Verify that there is no propane at any of the sites.

TECO gas was contacted and they reported no gas being supplied to the structures. Also, a visual assessment of the structures did not reveal visibly obvious gas connections or appliances that were used within the structures. If during the demolition activities gas lines or tanks are discovered stop work and report to The Village of Estero.

10. Are there any wells? If so, where and how many? What is the contractor's responsibility for the wells – if any? If responsible, can the well(s) be capped or does it need to be removed?

There are five (5) wells that have been identified on the subject property. The known wells and any discovered wells are to be marked (orange fluorescent spray paint and orange tape), capped and in addition the GPS coordinates of the wells should be recorded and provided to the Village of Estero.

11. Is the FPL transformer to be removed or can it remain for future?

Transformer is to remain.

12. Is it possible to provide the square footage of the structures? Most importantly Structure #8.

Estimates have been provided in the revised list of structures; however, the square footages are approximate only and it is the responsibility of the demolition contractor to confirm the size of each structure.

13. Need to clarify what is to be done – if anything - with the pile of concrete off to the side of the path.

The location of the "pile" needs to be clarified, then a determination can be provided.

14. Does the sequence of the structures (and numbering and photos of same) included within the bid package need to be revised? For example, there was confusion over the house being #6 and the bomb shelter being #3.

The structure # and photographs have been updated.

15. Is the contractor responsible for cleaning up everything that is run over during the course of the work?

The contractor is responsible for leaving the site clean. The demolition activities should have limited impact to the existing vegetation. Where vegetation is removed or damaged the demolition contractor is responsible to remove, transport and dispose of debris from the subject site.

16. Are there any gopher tortoises on the property?

Gopher tortoises may or may not be on the property. If observed during the demolition activities care must be taken to avoid harming any gopher tortoises. A visual assessment of each structure did not identify any active gopher tortoise burrows. If during the demolition any are observed the contractor is to stop work and notify the Village of Estero.

17. Is the asphalt road leading up to the 2-story building (#8) to be removed?

The asphalt driveway is to remain. The contractor must make a reasonable effort to minimize damage to the asphalt driveway.

18. Pump House - Clarify which structure # this is.

The structure # and photographs have been updated.

19. Do we want to add any of the Happahatchee property structures to this bid and the yards survey?

The demolition is only of the eleven (11) structures listed in the bid package and does not include the Happahatchee property.

20. Can we mulch the existing trees that will be required to be removed for stabilizer in lieu of straw?

Where vegetation is removed or damaged the demolition contractor is responsible to remove, transport and dispose of debris from the subject site.

Structure	Description		
Structure 1 8661 Corkscrew Road 33928 -Two (2) Story Building & woodshed for well a			
	equipment		
Structure 2	Concrete Slab 100 sf		
Structure 3	8741 Corkscrew Road 33928 -One (1) Story Wood Framed House 900 sf and a metal		
	shed 50 sf		
Structure 4	Concrete Block Shed Pumphouse 50 sf		
Structure 5	Concrete Slab (Stage) 625 sf		
Structure 6	Concrete Aboveground Bomb Shelter 400 sf		
Structure 7	8761 Corkscrew Road 33928 -One (1) Story Wood Framed House & Concrete Slab		
	Garage		
Structure 8	Wood Framed Shed for Well Equipment		
Structure 9	One (1) Story Residential Structure. Original structure is wood framed construction,		
	and the addition is on a concrete slab		
Structure 10	Concrete Slab 500 sf		
Structure 11	20911 Highlands Avenue 33928 -Concrete Slab at 1,300 sf		



Photo 1: Structure 1 – 8661 Corkscrew Road 33928 – Front of two (2) story building.



Photo 2: Structure 1 - 8661 Corkscrew Road 33928 – Rear of two (2) story building.

**Site:** Estero on the River





Photo 3: Structure 1 - 8661 Corkscrew Road 33928 – Woodshed for well and water equipment.



Photo 4: Structure 1 - 8661 Corkscrew Road 33928 – Interior of two (2) story building.

**Site:** Estero on the River





Photo 5: Structure 2 – Concrete slab approximately 100 ft<sup>2</sup>



Photo 6: Structure 2 – Concrete slab approximately 100 ft<sup>2</sup>

**Site:** Estero on the River





Photo 7: Structure 3 – 8741 Corkscrew Road 33928 – One (1) story wood framed house approximately 900 ft<sup>2</sup>



Photo 8: Structure 3-8741 Corkscrew Road 33928- Interior view of the one (1) story wood framed house approximately 900 ft<sup>2</sup>

**Site:** Estero on the River





Photo 9: Structure 3 – 8741 Corkscrew Road 33928 – Hidden metal shed approximately 50 ft<sup>2</sup>



Photo 10: Structure 3 – 8741 Corkscrew Road 33928 - Interior view of hidden shed approximately 50 ft<sup>2</sup>

**Site:** Estero on the River





Photo 11: Structure 4 – Concrete Block Shed Pumphouse approximately 50 ft<sup>2</sup>



Photo 12: Structure 4 – Interior view of Concrete Block Shed Pumphouse approximately 50 ft<sup>2</sup>

**Site:** Estero on the River





Photo 13: Structure 5 - Concrete Slab (Stage) approximately 625 ft<sup>2</sup>



Photo 14: Structure 5 Concrete Slab (Stage) approximately 625 ft<sup>2</sup>

 $\textbf{Title:} \qquad \text{Site Photographs} - 20\text{-}032751\text{-}IAQ/AS$ 

**Site:** Estero on the River





Photo 15: Structure 6 – Concrete aboveground bomb shelter approximately 400 ft<sup>2</sup>



Photo 16: Structure 6 – Interior view of concrete aboveground bomb shelter approximately 400 ft<sup>2</sup>

**Site:** Estero on the River





Photo 17: Structure 7 – 8761 Corkscrew Road 33928 – One (1) story wood framed house & concrete slab garage.



Photo 18: Structure 7 - 8761 Corkscrew Road 33928 – Side view of the one (1) story wood framed house.

**Site:** Estero on the River





Photo 19: Structure 7 - 8761 Corkscrew Road 33928 – Front view of the one (1) story wood framed house.



Photo 20: Structure 7 - 8761 Corkscrew Road 33928 – Interior view of the one (1) story wood framed house.

**Site:** Estero on the River





Photo 21: Structure 8 – Wood framed shed for well equipment.



Photo 22: Structure 8 - Wood framed shed for well equipment.

**Site:** Estero on the River





Photo 23: Structure 9 – One (1) story residential structure, wood framed, and addition is on a concrete slab.



Photo 24: Structure 9 - Interior view of one (1) story residential structure.

**Site:** Estero on the River





Photo 25: Structure 10 - Concrete slab approximately 500 ft<sup>2</sup>



Photo 26: Structure 10 - Concrete slab approximately 500 ft<sup>2</sup>

Site: Estero on the River Photographs Taken: April 3, 2020 AMRC
Environmental Health and Safety



Photo 27: Structure 11 – 20911 Highlands Avenue 33928 – Concrete slab approximately 1,300 ft<sup>2</sup>

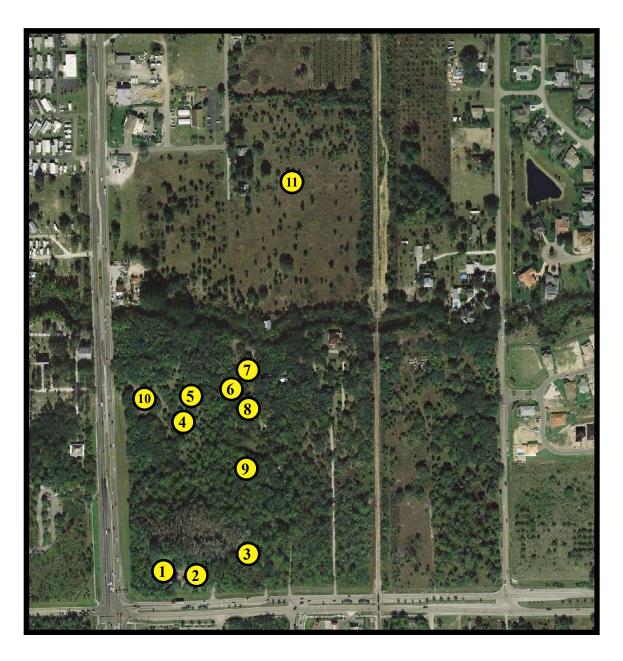


Photo 28: Structure 11 - 20911 Highlands Avenue 33928 – Concrete slab approximately 1,300 ft<sup>2</sup>

**Site:** Estero on the River



## **Building Location Map**



= Building Location

Drawing not to scale

The Village of Estero Corkscrew Road/Highlands Avenue Estero, FL 33928

American Management Resources Corporation 5230 Clayton Court, Fort Myers, Florida 33907





### **ASBESTOS SURVEY**

## The Village of Estero 8661-8791 Corkscrew Rd. and 20911 Highlands Ave., Estero, FL 33928



Prepared For:
Mr. Bob Franceschini
The Village of Estero
9401 Corkscrew Palms Circle
Estero, FL 33928

Prepared By:
American Management Resources Corporation
5230 Clayton Court
Fort Myers, Florida 33907

Report Number: 20-032751-AS Prepared On: April 16, 2020



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#### **ATTACHMENTS**

Site Location Map
Building Location Map
Sample Location Sketch
Asbestos-Containing Material (ACM) Location Sketch
Sample Photographs
Laboratory Results
Chain of Custody
Credentials

#### 1.0 INTRODUCTION

#### 1.1 Summary

American Management Resources Corporation (AMRC) of Fort Myers, Florida, performed a survey to identify and locate asbestos-containing materials (ACM) in preparation for planned demolition activities of 11 structures located at The Village of Estero, 8661-8791 Corkscrew Road and 20911 Highlands Avenue in Estero, Florida. This survey was conducted in accordance with the written authorization dated March 26, 2020.

American Management Resources Corporation is a Florida licensed asbestos consulting company (License No. ZA-0000139). The survey was conducted by Mr. Jack Snider, Zachary Middleby and Thomas Armour, accredited asbestos inspectors with AMRC, on April 1-2, 2020.

#### 1.2 Purpose and Scope of Services

In order to ensure a safe and healthy work environment, Federal, State and Local regulations require that asbestos-containing materials (ACM) be identified prior to demolition and/or renovation activities. These regulations help to ensure proper disposal of said ACM in an effort to reduce asbestos fiber emissions. The USEPA NESHAP Standard 40 CFR 61.145(b) requires that "each owner or operator of a demolition or renovation activity... shall provide... written notice of intention to demolish or renovate." This notification is submitted to the Florida Department of Environmental Protection ten working days prior to commencement of the demolition or renovation activity. AMRC strongly encourages direct contact and coordination with the local FDEP office at the time of notification.

The purpose of this survey is to assist in compliance with the aforementioned Federal, State and Local regulations. The scope of services for this inspection included a general assessment of the subject site for suspect asbestos-containing material, bulk sample collection of the suspect materials for laboratory analysis to determine asbestos content, and report preparation detailing sample results, findings, conclusions and recommendations.

#### 1.3 Inspection and Sampling Methodology

During the inspection, the following methodology was employed:

- The suspect asbestos-containing materials were identified and grouped into homogeneous sampling areas.
- Drawings and written notes were prepared to determine and document sample areas.
- Each sampling area was divided into appropriate sub-sections to make sure samples obtained were representative of the entire sample area.
- The proper number of samples to be collected was determined based on the type of material and size of the sample area.
- Samples were collected following guidelines designed to minimize fiber release.
- Samples were sent to a qualified laboratory for analysis by polarized light microscopy.
- Sample results were interpreted, and asbestos content was determined.

#### 2.0 SITE DESCRIPTION

#### 2.1 Building and Mechanical Systems

#### 2.1.2 Construction Description

The subject structures included:

Structure 1 - SW Corner Parcel 1 Two (2) Story Building & wood shed for well and water equipment

Structure 2 - Concrete Slab 100 sf

Structure 3 – One (1) Story Wood Framed House 900 sf and a metal shed 50 sf

Structure 4 - Concrete Block Shed Pumphouse 50 sf

Structure 5 - Concrete Slab (Stage) 625 sf

Structure 6 – Concrete Aboveground Bomb Shelter 400 sf

Structure 7 – One (1) Story Wood Framed House & Concrete Slab Garage

Structure 8 – Wood Framed Shed Pump

Structure 9 – One (1) Story Residential Structure. Original structure is wood framed construction, and the addition is on a concrete slab

Structure 10 - Concrete Slab 500 sf

Structure 11 - Concrete Slab at 20911 Highlands Avenue 1,300 sf

#### **3.0 SAMPLE RESULTS**

#### **3.1 Summary of Asbestos-Containing Materials**

The following table lists all samples collected and submitted for asbestos content analysis during the survey. The homogeneous areas that were determined to be asbestos-containing are highlighted.

Table 1. Asbestos Sample Plan (ASP) / Asbestos-Containing Materials (ACM)

Table 1. Asbestos Sample Plan (ASP) / Asbestos-Containing Materials (ACM)								
					Area	NESHAP		
Homo	Sample		Sample	Known Material	S.F./L.F.	Category	Sample	
Mat.	No.	Description/Color	Location	Location	(Est)	Material	Results	
Building 1								
Α	1, 2, 3	Exterior Stucco, Gray	Exterior	N/A	N/A	Non-	None	
_ ^	1, 2, 3		(x3)	NA	IN/A	Regulated	Detected	
В	4, 5	Drywall/Joint	1 <sup>st</sup> Floor	N/A	N/A	Non-	None	
	., 5	Compound, White	(x2)	·	14774	Regulated	Detected	
				1 <sup>st</sup> Floor- Entry				
		Rolled Vinyl	Entry Hall,	Hall, Hall to 2 <sup>nd</sup>		Category I	10%	
С	6, 7	Flooring, Yellow	Hall to 2 <sup>nd</sup>	Floor,	900 ft <sup>2</sup>	Non-Friable	Chrysotile	
		Pebble Pattern	Floor	2 <sup>nd</sup> Floor- A/C		Non-mable	Cili y30tile	
				Closet				
D	8, 9	Duct Mastic, White	A/C Closet	N/A	N/A	Non-	None	
U	٥, ۶	Duct Mastic, White	(x2)	N/A	IN/A	Regulated	Detected	
_	10 11	Courant Montin Tour	1 <sup>st</sup> Floor	NI/A	N1 / A	Non-	None	
E	10, 11	Carpet Mastic, Tan	(x2)	N/A	N/A	Regulated	Detected	
		4" Ceramic	1 <sup>st</sup> Floor			N	Nisas	
F	12, 15	Tile/Grout/Mastic,	Bath, 2 <sup>nd</sup>	N/A	N/A	Non-	None	
	,	White	Floor Bath	,	,	Regulated	Detected	
			1st Floor					
G	13, 14	Popcorn Ceiling	Circular	N/A	N/A	Non-	None	
	, - :	Texture, White	Room (x2)	,	•	Regulated	Detected	
		Sink Insulation,	2 <sup>nd</sup> Floor			Non-	None	
H	16	White	Kitchen	N/A	N/A	Regulated	Detected	
			1st Floor			Category II	5%	
I	17	Sink Insulation, Pink	Entry	1st Floor Entry	1 Sink	Non-Friable	Chrysotile	
		Rolled Roofing/Tar,					Citi yee and	
J	18, 19	Black	Roof (x2)					
		Built-up Roofing,		Roof (Under		Category I	3%	
K	20, 21	Black	Roof (x2)	Rolled Roofing)	2,700 ft <sup>2</sup>	Non-Friable	Chrysotile	
Building 2								
						Non-	None	
L	22, 23	Concrete Slab, Gray	Slab (x2)	N/A	N/A	Regulated	Detected	
						Negulatea	Detected	
Building 3								
<sub>M</sub>	24	Sink Insulation, Black	Kitchen	N/A	N/A	Non-	None	
				,	,	Regulated	Detected	
N	25, 26	Drywall/Joint	Kitchen,	N/A	N/A	Non-	None	
		Compound, White	Bed 1	,	,	Regulated	Detected	
		Rolled Vinyl	Hall	Hall Closet		Category I	20%	
0	27, 28	Flooring, Yellow	Closet	Shelves	15 ft <sup>2</sup>	Non-Friable	Chrysotile	
		Floral Pattern	Shelf (x2)	01101400		TOTAL TIGORE	Cin y Sounc	

Р	29, 30	Ceiling Texture,	Living	N/A	N/A	Non-	None		
		White 12" Ceramic	Room (x2) Living			Regulated	Detected		
Q	31, 32	Tile/Grout/Thin Set, White	Room, Kitchen	N/A	N/A	Non- Regulated	None Detected		
R	33	Shower Tile/Grout/ Mastic, White	Bathroom	N/A	N/A	Non- Regulated	None Detected		
S	34, 35	Asphalt Shingle, Black	Roof (x2)	N/A	N/A	Non- Regulated	None Detected		
	Building 4								
Т	36, 37	Rolled Roofing/Felt Paper, Black	Roof (x2)	N/A	N/A	Non- Regulated	None Detected		
U	38, 39	Ceiling Tile, White	Interior (x2)	N/A	N/A	Non- Regulated	None Detected		
			Bu	ilding 5		-			
V	40, 41	Stucco/Concrete, Gray	Stage (x2)	N/A	N/A	Non- Regulated	None Detected		
	1	/	Bu	ilding 6	1	1 201 1111			
W	42, 43	Exterior Plaster, Gray	Exterior (x2)	N/A	N/A	Non- Regulated	None Detected		
Х	44, 45	Interior Plaster, Gray	Interior (x2)	N/A	N/A	Non- Regulated	None Detected		
		1		ilding 7	1		200000		
Υ	46, 47	9" x 9" Vinyl Floor Tile, Gray	Out Room (x2)	Out Room	300 ft <sup>2</sup>	Category I Non-Friable	5% Chrysotile		
Z	48	Sink Insulation, White	Kitchen	N/A	N/A	Non- Regulated	None Detected		
AA	49, 50	12" x 12" Vinyl Floor Tile (2 Layers), Gray over Tan	Kitchen (x2)	Kitchen	220 ft <sup>2</sup>	Category I Non-Friable	5% Chrysotile (Bottom Tan Tile)		
ВВ	51, 52	1" Ceramic Tile/Grout/Mastic, Blue	Bath (x2)	N/A	N/A	Non- Regulated	None Detected		
СС	53, 54	Mortar, Gray	Fireplace (x2)	N/A	N/A	Non- Regulated	None Detected		
DD	55, 56	Wire Insulation,	Hallway	N/A	N/A	Non- Regulated	None Detected		
		Black	(x2)			Regulateu			
EE	57, 58	Black Asphalt Shingle, Black	Roof (x2)	N/A	N/A	Non- Regulated	None Detected		
EE	57, 58	Asphalt Shingle,	Roof (x2)	N/A nilding 8	N/A	Non-	None		
EE FF	57, 58 59, 60	Asphalt Shingle,	Roof (x2)		N/A N/A	Non-	None		
		Asphalt Shingle, Black Asphalt Shingle/Felt,	Roof (x2)  Bu  Roof (x2)	ilding 8	1	Non- Regulated	None Detected None		
		Asphalt Shingle, Black Asphalt Shingle/Felt,	Roof (x2)  Bu  Roof (x2)	ilding 8	1	Non- Regulated	None Detected None		
FF	59, 60	Asphalt Shingle, Black  Asphalt Shingle/Felt, Black  Drywall/Joint	Roof (x2)  Bu  Roof (x2)  Bu  Garage	ilding 8 N/A ilding 9	N/A	Non-Regulated  Non-Regulated  Non-Regulated	None Detected None Detected		

IJ	67, 68	Asphalt Shingle, Black	Roof (x2)	N/A	N/A	Non- Regulated	None Detected
KK	69, 70	Felt Paper, Black	Exterior (x2)	N/A	N/A	Non- Regulated	None Detected
LL	71, 72	Window Glaze, White	Exterior (x2)	Exterior Windows	6 Windows	Category II Non-Friable	3% Chrysotile
MM	73, 74	Asphalt Shingle/Felt Paper, Black	Roof (x2)	N/A	N/A	Non- Regulated	None Detected
NN	75, 76	Textured Drywall/Joint Compound, White	TV Room	N/A	N/A	Non- Regulated	None Detected
	Building 10						
00	77, 78	Concrete Slab, Gray	Slab (x2)	N/A	N/A	Non- Regulated	None Detected
	Building 11						
PP	79, 80	Concrete Slab, Gray	Slab (x2)	N/A	N/A	Non- Regulated	None Detected

<sup>\*\*</sup>This Asbestos Sample Plan only includes materials sampled. <u>Square footage and locations provided are estimates only and not for bidding purposes.</u> It is the responsibility of the <u>contractor</u> to confirm all measurements and locations of materials. <u>If additional material is found underneath other building materials or in inaccessible places during demolition or renovation, it must be assessed before being disturbed.</u> AMRC was hired to identify, not quantify, the asbestos-containing materials.

#### 3.2 Material Category and Applicable Regulatory Information

#### 3.2.1 Regulated Asbestos-Containing Material (RACM)

A regulated asbestos-containing material must contain greater than 1% asbestos. 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 subjected to sanding, grinding, cutting, or abrading, or (d) Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations regulated by this subpart.

#### 3.2.2 Friable

Materials that are considered friable can be 'crumbled or reduced to powder, when dry, by hand pressure.' These materials are of particular importance because adverse health effects caused by exposure to asbestos are primarily linked to inhalation of fibers, and friable asbestos-containing materials (ACM) are more likely to release fibers into the air. As discussed above, these materials are considered regulated asbestos-containing materials (RACM) and the affected areas must be removed prior to a renovation or demolition by a Licensed Asbestos Contractor following all federal, state and local guidelines.

#### 3.2.3 Category I Non-Friable

Category I non-friable asbestos-containing material (ACM) means asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than 1 percent asbestos as determined using the method specified in appendix E, subpart E, 40 CFR part 763, section 1, Polarized Light Microscopy.

#### 3.2.4 Category II Non-Friable

Category II non-friable ACM means any material, excluding Category I non-friable ACM, containing more than 1 percent asbestos as determined using the methods specified in appendix E, subpart E, 40 CFR part 763, section 1, Polarized Light Microscopy that when dry cannot be crumbled, pulverized, or reduced to powder by hand pressure.

#### 4.0 FINDINGS, CONCLUSIONS AND RECOMMENDATIONS

Laboratory analysis of the samples for suspect materials determined that asbestos is present in the rolled vinyl flooring, sink insulation and built-up roofing located at building 1, rolled vinyl flooring within building 3, 9" x 9" and 12" x 12" vinyl floor tile within building 7 and the window glaze located at building 9.

No asbestos was detected in the samples taken from buildings 2, 4, 5, 6, 8, 10 and 11. Therefore, no special considerations are required for those homogeneous materials that were sampled. If, during the renovation/demolition, additional suspect material other than what is identified in this report is

#### 4.1 General

AMRC recommends that materials identified as Asbestos-Containing Materials (ACM), while in place, be maintained through an Operations and Maintenance (O&M) program until they must be disturbed or removed as a result of renovation or demolition. If these materials become significantly damaged and/or require extensive repair activities, access to the areas of damaged ACM should be restricted and the material should be removed by a Florida Licensed Asbestos Abatement contractor.

The USEPA NESHAP Standard 40 CFR 61.145(b) requires that "each owner or operator of a demolition or renovation activity... shall provide... written notice of intention to demolish or renovate." This notification must be submitted to the Florida Department of Environmental Protection (FDEP) ten working days prior to commencement of the demolition or renovation activity. AMRC strongly encourages direct contact and coordination with the local FDEP office prior to demolition/renovation of the structure.

#### **4.2 Specific Site Recommendations**

#### Category I Non-Friable

Category I non-friable materials may remain in the building during demolition if wet methods are utilized. All materials must be kept adequately wet during the demolition to prevent the release of asbestos fibers. In addition, the work practices for the demolition of a building containing asbestos must be in regulatory compliance with OSHA 1926.1101. A certified asbestos "competent" supervisor must perform or supervise the work. If during the demolition process visible emissions are observed, the asbestos-containing materials must then be abated. Category I non-friable materials identified within the structure included rolled vinyl flooring, built-up roofing, 9" x 9" vinyl floor tile and 12" x 12" vinyl floor tile.

The recommendations for Category I non-friable materials are based on traditional demolition methods. However, when the waste materials are to be recycled, all asbestos-containing materials, regardless of category will be rendered friable at some point during the process and **must** be removed prior to the destruction of the building.

#### Category II Non-Friable

Category II non-friable materials, such as **sink insulation and window glaze**, that are in good condition are typically not considered regulated NESHAP asbestos-containing materials. It is not until the material's condition begins to deteriorate or it is disturbed in a manner that will allow for the release of fibers, that control procedures are necessary. The materials designated as Category II non-friable include those that will become friable during traditional demolition activities. These materials must be removed by a Florida Licensed Asbestos Abatement Contractor prior to demolition of the structure. Category II non-friable materials identified within the structure include **sink insulation and window glaze**.

#### Disposal

Asbestos is primarily regulated by the Environmental Protection Agency (EPA), Florida Department of Environmental Protection (FDEP) and the Occupational Safety and Health Administration (OSHA). Both EPA and FDEP regulate asbestos under 40 CFR Part 61 Subpart M, National Emission Standards for Hazardous Air Pollutants (NESHAP). The asbestos NESHAP addresses milling, manufacturing and fabrication operations, demolition and renovation activities, and waste disposal issues. The rule generally requires that asbestos-containing waste material be sealed in a leak-tight container while wet, labeled, and disposed of properly in a landfill qualified to receive asbestos waste. Landfills have special requirements for handling and securing the asbestos-containing waste to prevent releases of asbestos into the environment. Transportation vehicles that move the waste from the point of generation to the asbestos landfill have special labeling requirements and waste shipment record keeping requirements.

#### **5.0 DISCLAIMERS AND LIMITATIONS**

This survey report does not intend to acknowledge, imply, or warrant the inspection for all Asbestos-Containing Materials in areas not normally considered readily accessible through standard survey protocol. These areas include but are not limited to:

- inaccessible spaces below floor levels;
- inaccessible attic spaces;
- materials below ground surface or concrete slab;
- materials in areas considered inaccessible or unsafe;
- materials covered by other types of building materials;
- materials covered by carpeting and other flooring materials;
- materials covered by equipment or heavy objects.

Analysis for asbestos content in the resilient flooring was performed in accordance with EPA protocol utilizing polarized light microscopy with dispersion staining. Due to the embedded content of the asbestos fibers within resilient flooring, this method may provide false negative results. In this situation, analysis by Transmission Electron Microscopy may be appropriate and is conducted at the request of the client.

In conclusion, it must be understood that American Management Resources Corporation does not intend this report to be representative of all potential Asbestos-Containing Material (ACM) in this facility and is strictly limited to the materials tested and the limitations of the laboratory testing technology methods. AMRC was retained to identify asbestos-containing materials, not to quantify or delineate the materials, and cannot be responsible for any interpretation beyond this scope of work.

AMRC appreciates the opportunity to be of service to The Village of Estero. If additional clarification is needed please contact AMRC at your convenience.

Respectfully submitted,

AMERICAN MANAGEMENT RESOURCES CORPORATION

Jack M. Snider, III, CSP, LAC

Joch Snider III

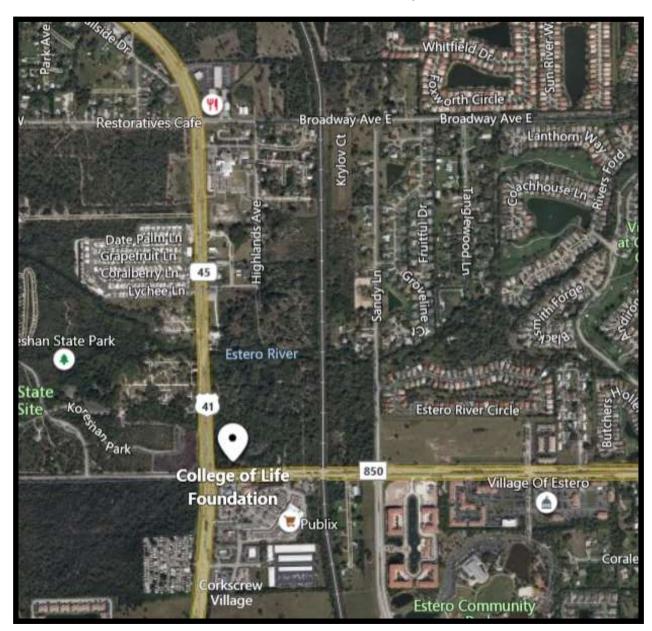
**Senior Consultant** 

Licensed Asbestos Consultant #AX57

Cassie Rahe

**Director of Operations** 

### **Site Location Map**





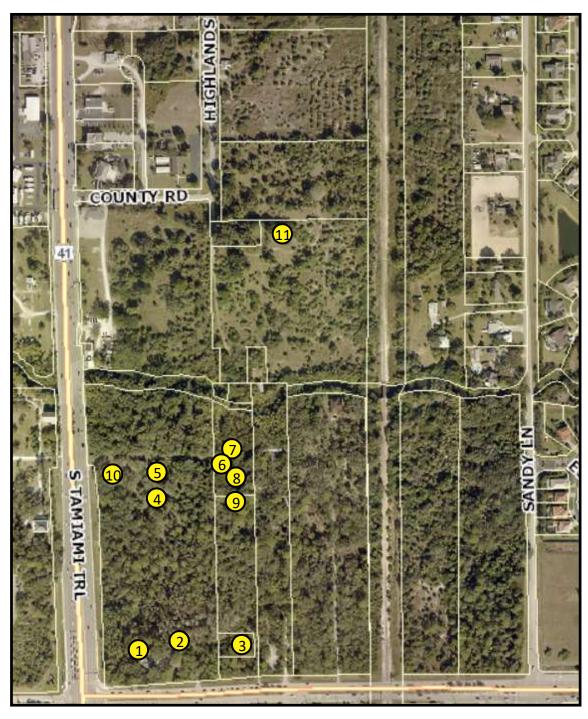
Drawing not to scale

The Village of Estero
Corkscrew Road/Highlands Avenue
Estero, FL 33928

American Management Resources Corporation 5230 Clayton Court, Fort Myers, Florida 33907



### **Building Location Map**



= Building Location

Drawing not to scale

The Village of Estero **Corkscrew Road/Highlands Avenue** Estero, FL 33928

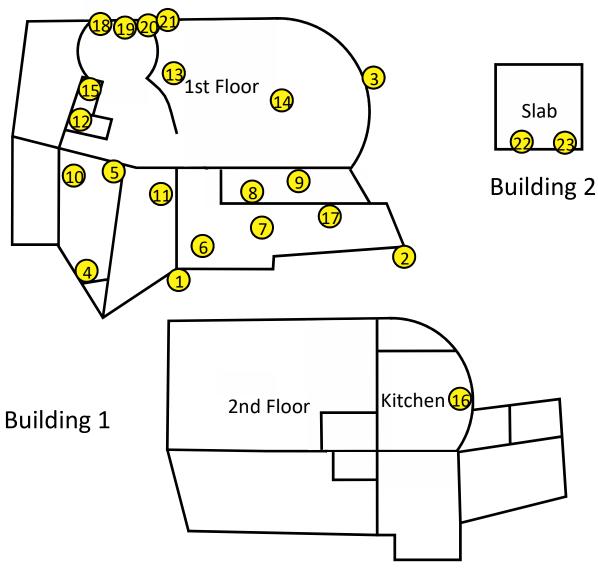
**American Management Resources Corporation** 5230 Clayton Court, Fort Myers, Florida 33907

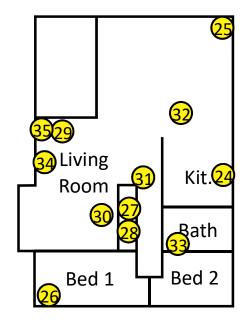






### **Sample Location Map**





Building 3

Drawing not to scale

The Village of Estero Corkscrew Road/Highlands Avenue Estero, FL 33928

American Management Resources Corporation 5230 Clayton Court, Fort Myers, Florida 33907

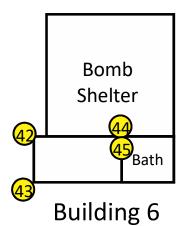






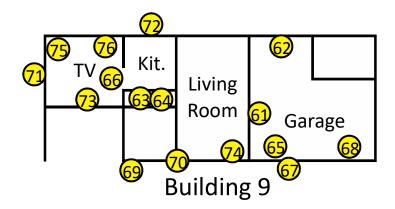


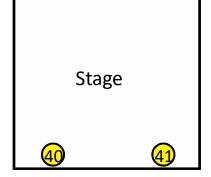
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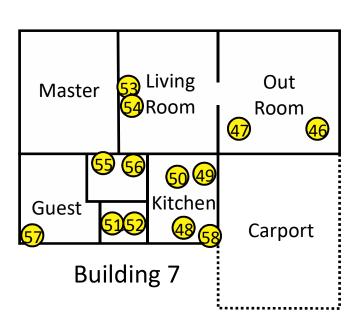


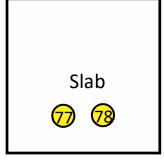
**Building 8** 



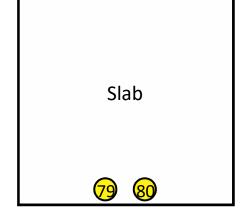


Building 5





Building 10



**Building 11** 

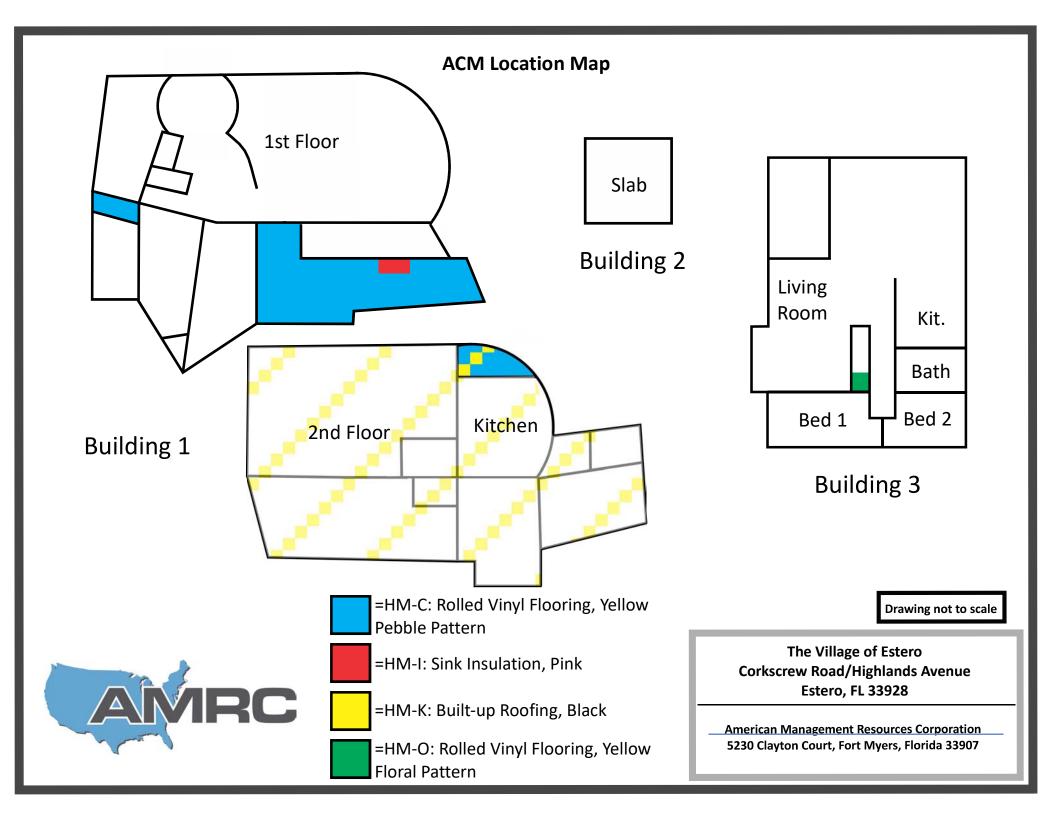
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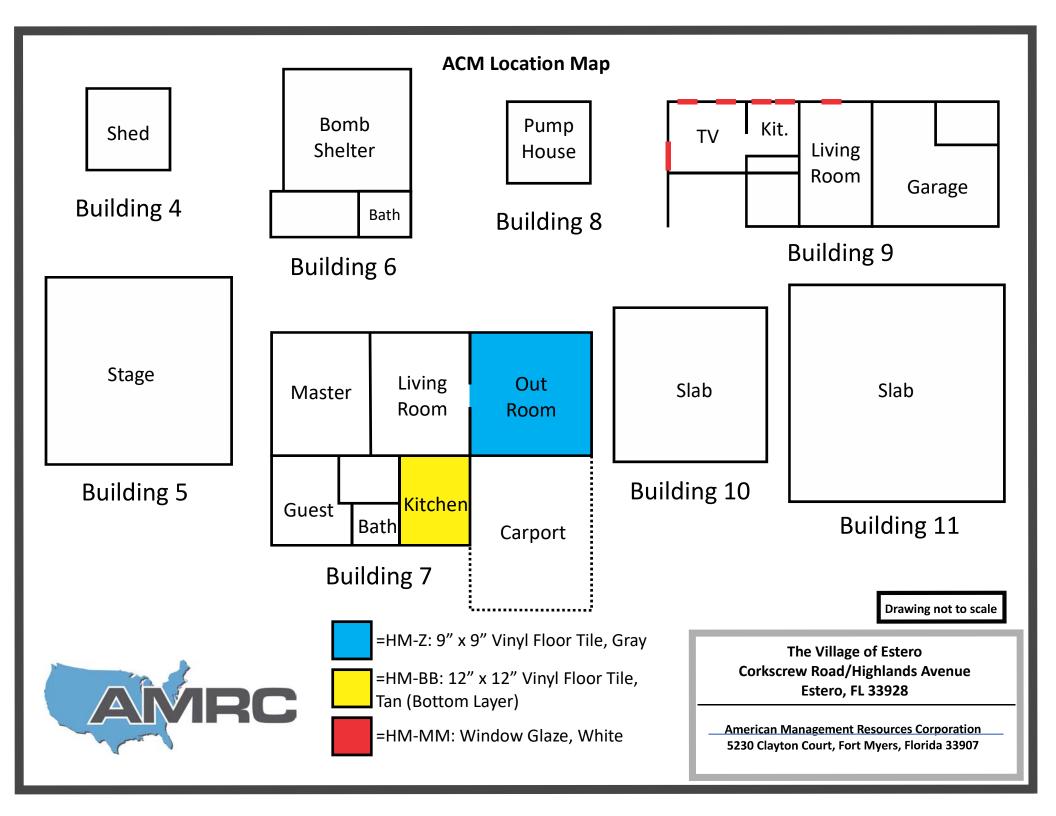


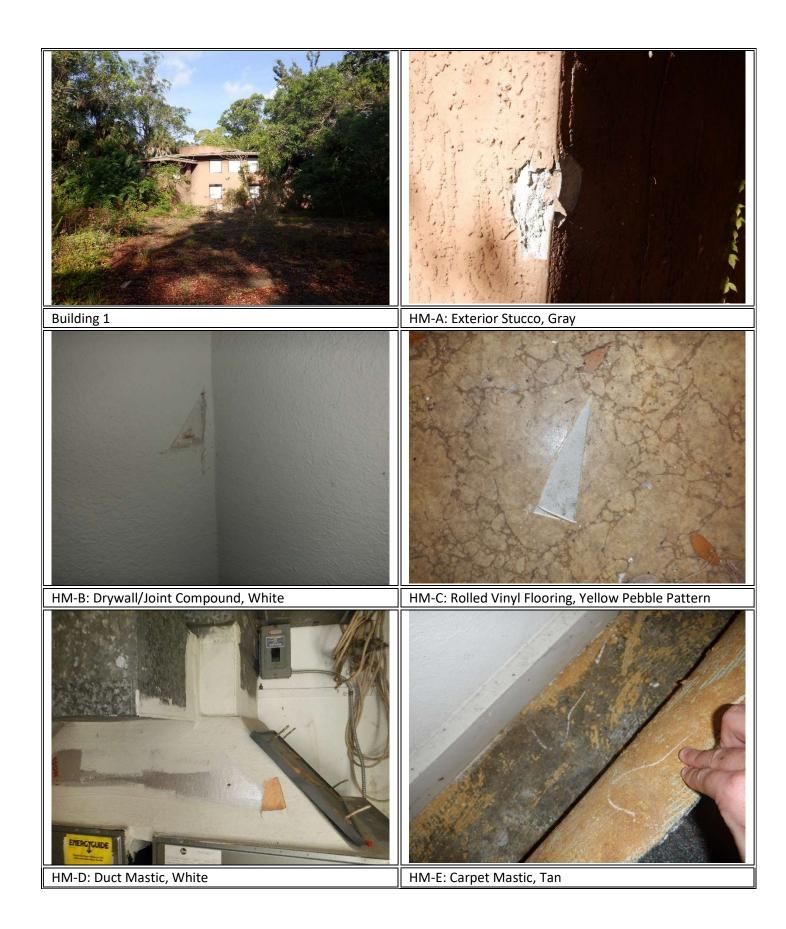
= Sample Location

The Village of Estero
Corkscrew Road/Highlands Avenue
Estero, FL 33928

American Management Resources Corporation 5230 Clayton Court, Fort Myers, Florida 33907







Site: 8661-8791 Corkscrew Rd. and 20911 Highlands Ave., Estero, FL 33928





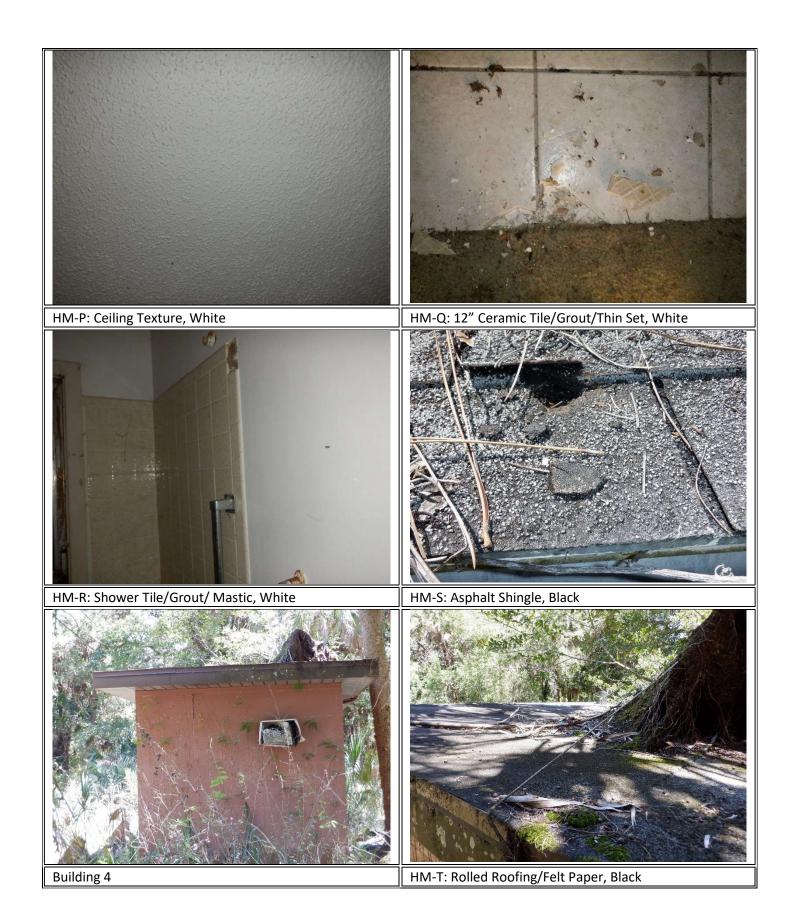
Site: 8661-8791 Corkscrew Rd. and 20911 Highlands Ave., Estero, FL 33928





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Site: 8661-8791 Corkscrew Rd. and 20911 Highlands Ave., Estero, FL 33928





Site: 8661-8791 Corkscrew Rd. and 20911 Highlands Ave., Estero, FL 33928







HM-NN: Textured Drywall/Joint Compound, White

Building 10





HM-OO: Concrete Slab, Gray

Building 11



HM-PP: Concrete Slab, Gray

Site: 8661-8791 Corkscrew Rd. and 20911 Highlands Ave., Estero, FL 33928





By Polarized Light Microscopy EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E, App.E





Customer: AMRC

5230 Clayton Ct Ft Myers, FL 33907 Attn: Cassie Rahe

**Lab Order ID:** 71940054

**Analysis ID:** 71940054 PLM

Date Received: 4/3/2020 **Date Reported:** 4/3/2020

**Project:** 20-032751-AS/IAQ The Village of Estero

Sample ID	Description	Aghastas	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
1	Exterior Stucco Gray	None Detected		100% Other	Gray Non Fibrous Heterogeneous
71940054PLM_1					Crushed
2	Exterior Stucco Gray	None Detected	None Detected	100% Other	Gray Non Fibrous Heterogeneous
71940054PLM_2				Crushed	
3	Exterior Stucco Gray	None Detected		100% Other	Gray Non Fibrous Heterogeneous
71940054PLM_3					Crushed
4	DW/JC Gray	None Detected	10% Cellulose	90% Other	White Non Fibrous Heterogeneous
71940054PLM_4	drywall: none detect; joint compnd: none detect				Dissolved
5	DW/JC Gray	None Detected	10% Cellulose	90% Other	White Non Fibrous Heterogeneous
71940054PLM_5	drywall: none detect; joint compnd: none detect				Dissolved
6	Rolled Vinyl Pebbble Pattern Yellow	10% Chrysotile		90% Other	Tan, Gray Non Fibrous Heterogeneous
71940054PLM_6					Dissolved
7	Rolled Vinyl Pebbble Pattern Yellow	Not Analyzed			
71940054PLM_7					
8	A/C Mastic White	None Detected	20% Cellulose	80% Other	White, Brown Non Fibrous Heterogeneous
71940054PLM_8					Dissolved

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Yanelis Delgado (52) Charmel Dozier (66) Analyst



By Polarized Light Microscopy EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E, App.E





Customer: AMRC

5230 Clayton Ct Ft Myers, FL 33907 Attn: Cassie Rahe

**Lab Order ID:** 71940054

**Analysis ID:** 71940054 PLM

Date Received: 4/3/2020 **Date Reported:** 4/3/2020

**Project:** 20-032751-AS/IAQ The Village of Estero

Sample ID	Description	A albantan	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
9	A/C Mastic White	None Detected	20% Cellulose	80% Other	White, Brown Non Fibrous Heterogeneous
71940054PLM_9	-				Dissolved
10	Carpet Mastic Tan	None Detected		100% Other	Tan Non Fibrous Homogeneous
71940054PLM_10					Dissolved
11	Carpet Mastic Tan	None Detected		100% Other	Tan Non Fibrous Homogeneous
71940054PLM_11	-				Dissolved
12 - A	4" Ceramic Grout/Glue White	None Detected		100% Other	White Non Fibrous Homogeneous
71940054PLM_12	ceramic tile				Crushed
12 - B	4" Ceramic Grout/Glue White	None Detected		100% Other	Brown Non Fibrous Homogeneous
71940054PLM_106	mastic				Dissolved
12 - C	4" Ceramic Grout/Glue White	None Detected		100% Other	White Non Fibrous Homogeneous
71940054PLM_107	grout				Crushed
13 - A	Popcorn Texture White	None Detected		100% Other	White Non Fibrous Homogeneous
71940054PLM_13	texture				Dissolved
13 - B	Popcorn Texture White	None Detected	10% Cellulose	90% Other	White Non Fibrous Heterogeneous
71940054PLM_108	drywall: none detect; joint compnd: none detect				Dissolved

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By Polarized Light Microscopy EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E, App.E





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5230 Clayton Ct Ft Myers, FL 33907 Attn: Cassie Rahe

**Lab Order ID:** 71940054

Analysis ID: 71940054 PLM

Date Received: 4/3/2020 Date Reported: 4/3/2020

**Project:** 20-032751-AS/IAQ The Village of Estero

Sample ID	Description	Ashastas	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
14	Popcorn Texture White	None Detected		100% Other	White Non Fibrous Homogeneous
71940054PLM_14					Dissolved
15 - A	4" Ceramic Grout/Glue White	None Detected		100% Other	White Non Fibrous Homogeneous
71940054PLM_15	ceramic tile				Crushed
15 - B	4" Ceramic Grout/Glue White	None Detected		100% Other	Brown Non Fibrous Homogeneous
71940054PLM_109	mastic				Dissolved
15 - C	4" Ceramic Grout/Glue White	None Detected		100% Other	White Non Fibrous Homogeneous
71940054PLM_110	grout				Crushed
16	Sink Insulation White	None Detected		100% Other	White Non Fibrous Homogeneous
71940054PLM_16					Ashed
17	Sink Insulation Pink	5% Chrysotile		95% Other	Pink Non Fibrous Homogeneous
71940054PLM_17	-				Dissolved
18	Rolled Roof/Tar Black	None Detected	15% Fiber Glass	85% Other	Black Non Fibrous Heterogeneous
71940054PLM_18	-				Dissolved
19	Rolled Roof/Tar Black	None Detected	15% Fiber Glass	85% Other	Black Non Fibrous Heterogeneous
71940054PLM_19	-				Dissolved

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Yanelis Delgado (52) Charmel Dozier (66) Analyst



By Polarized Light Microscopy EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E, App.E





Customer: AMRC

5230 Clayton Ct Ft Myers, FL 33907 Attn: Cassie Rahe

**Lab Order ID:** 71940054

**Analysis ID:** 71940054 PLM

Date Received: 4/3/2020 **Date Reported:** 4/3/2020

**Project:** 20-032751-AS/IAQ The Village of Estero

Sample ID	Description	AI4	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
20	Built up Roof Black	3% Chrysotile		97% Other	Black Non Fibrous Heterogeneous
71940054PLM_20	built up roofing				Dissolved
21	Built up Roof Black	Not Analyzed			
71940054PLM_21	built up roofing				
22	Slab Gray	None Detected		100% Other	Gray, Black Non Fibrous Heterogeneous
71940054PLM_22					Crushed
23	Slab Gray	None Detected		100% Other	Gray, Black Non Fibrous Heterogeneous
71940054PLM_23	_				Crushed
24	Sink Insulation Black	None Detected		100% Other	Black Non Fibrous Homogeneous
71940054PLM_24					Dissolved
25	DW/JC Gray	None Detected	10% Cellulose	90% Other	White Non Fibrous Heterogeneous
71940054PLM_25	drywall: none detect; joint compnd: none detect				Dissolved
26	DW/JC Gray	None Detected	10% Cellulose	90% Other	White Non Fibrous Heterogeneous
71940054PLM_26	drywall: none detect; joint compnd: none detect	]			Dissolved
27	Rolled Vinyl Turtle Shell Pattern Yellow	20% Chrysotile		80% Other	Tan Non Fibrous Heterogeneous
71940054PLM_27	-				Dissolved

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Yanelis Delgado (52) Charmel Dozier (66) Analyst



By Polarized Light Microscopy EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E, App.E





Customer: AMRC

5230 Clayton Ct Ft Myers, FL 33907 Attn: Cassie Rahe

**Lab Order ID:** 71940054

**Analysis ID:** 71940054 PLM

Date Received: 4/3/2020 **Date Reported:** 4/3/2020

**Project:** 20-032751-AS/IAQ The Village of Estero

Sample ID	Description	A ab actor	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
28	Rolled Vinyl Turtle Shell Pattern Yellow	Not Analyzed			
71940054PLM_28					
29	Ceiling Texture White	None Detected		100% Other	White Non Fibrous Homogeneous
71940054PLM_29				Crushed	
30	Ceiling Texture White	None Detected		100% Other	White Non Fibrous Homogeneous
71940054PLM_30					Crushed
31 - A	12" Ceramic/Grout/TS White	None Detected		100% Other	White Non Fibrous Homogeneous
71940054PLM_31	ceramic tile				Crushed
31 - B	12" Ceramic/Grout/TS White	None Detected		100% Other	White Non Fibrous Homogeneous
71940054PLM_111	grout				Crushed
31 - C	12" Ceramic/Grout/TS White	None Detected		100% Other	Gray Non Fibrous Homogeneous
71940054PLM_112	thinset				Crushed
32 - A	12" Ceramic/Grout/TS White	None Detected		100% Other	White Non Fibrous Homogeneous
71940054PLM_32	ceramic tile				Crushed
32 - B	12" Ceramic/Grout/TS White	None Detected		100% Other	White Non Fibrous Homogeneous
71940054PLM_113	grout				Crushed

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Yanelis Delgado (52) Charmel Dozier (66) Analyst



By Polarized Light Microscopy EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E, App.E





Customer: AMRC

5230 Clayton Ct Ft Myers, FL 33907 Attn: Cassie Rahe

**Lab Order ID:** 71940054

**Analysis ID:** 71940054 PLM

Date Received: 4/3/2020 **Date Reported:** 4/3/2020

**Project:** 20-032751-AS/IAQ The Village of Estero

Sample ID	Description	Ashastas	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
32 - C	12" Ceramic/Grout/TS White	None Detected		100% Other	Gray Non Fibrous Homogeneous
71940054PLM_114	thinset				Crushed
33 - A	Shower Tile White	None Detected		100% Other	White Non Fibrous Homogeneous
71940054PLM_33	ceramic tile				Crushed
33 - B	Shower Tile White	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71940054PLM_115	mastic - thin layer				Dissolved
33 - C	Shower Tile White	None Detected		100% Other	White Non Fibrous Homogeneous
71940054PLM_116	grout				Crushed
34	Asphalt Shingles Black	None Detected	15% Fiber Glass	85% Other	White, Black Non Fibrous Heterogeneous
71940054PLM_34					Dissolved
35	Asphalt Shingles Black	None Detected	15% Fiber Glass	85% Other	White, Black Non Fibrous Heterogeneous
71940054PLM_35	-				Dissolved
36 - A	Rolled Roofing/Felt Paper Black	None Detected	10% Synthetic Fibers	90% Other	White, Black Non Fibrous Heterogeneous
71940054PLM_36	shingle				Dissolved
36 - B	Rolled Roofing/Felt Paper Black	None Detected	60% Fiber Glass	40% Other	Black Fibrous Homogeneous
71940054PLM_117	felt				Teased

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Yanelis Delgado (52) Charmel Dozier (66) Analyst



By Polarized Light Microscopy EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E, App.E





Customer: AMRC

5230 Clayton Ct Ft Myers, FL 33907 Attn: Cassie Rahe

**Lab Order ID:** 71940054

**Analysis ID:** 71940054 PLM

Date Received: 4/3/2020 **Date Reported:** 4/3/2020

**Project:** 20-032751-AS/IAQ The Village of Estero

Sample ID	Description	A ale and a s	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	- Asbestos	Components	Components	Treatment
37 - A	Rolled Roofing/Felt Paper Black	None Detected	10% Synthetic Fibers	90% Other	White, Black Non Fibrous Heterogeneous
71940054PLM_37	shingle				Dissolved
37 - B	Rolled Roofing/Felt Paper Black	None Detected	60% Fiber Glass	40% Other	Black Fibrous Homogeneous
71940054PLM_118	felt				Teased
38	Ceiling Tile White	None Detected	5% Cellulose	95% Other	Gray Non Fibrous Homogeneous
71940054PLM_38	-				Dissolved
39	Ceiling Tile White	None Detected	5% Cellulose	95% Other	Gray Non Fibrous Homogeneous
71940054PLM_39	_				Dissolved
40	Stucco/Concrete Gray	None Detected		100% Other	Gray Non Fibrous Homogeneous
71940054PLM_40	-				Crushed
41	Stucco/Concrete Gray	None Detected		100% Other	Gray Non Fibrous Homogeneous
71940054PLM_41	-				Crushed
42	Exterior Plaster Gray	None Detected		100% Other	Gray Non Fibrous Homogeneous
71940054PLM_42					Crushed
43	Exterior Plaster Gray	None Detected		100% Other	Gray Non Fibrous Homogeneous
71940054PLM_43	1				Crushed

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Yanelis Delgado (52) Charmel Dozier (66) Analyst



By Polarized Light Microscopy EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E, App.E





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Sample ID	Description	Aghastas	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	- Asbestos	Components	Components	Treatment
44 - A	Interior Plaster Gray	None Detected		100% Other	White Non Fibrous Homogeneous
71940054PLM_44	texture				Crushed
44 - B	Interior Plaster Gray	None Detected		100% Other	Gray Non Fibrous Homogeneous
71940054PLM_81	plaster				Crushed
45 - A	Interior Plaster Gray	None Detected		100% Other	White Non Fibrous Homogeneous
71940054PLM_45	texture				Crushed
45 - B	Interior Plaster Gray	None Detected		100% Other	Gray Non Fibrous Homogeneous
71940054PLM_82	plaster				Crushed
46 - A	9" Floor Tile Gray	5% Chrysotile		95% Other	Gray Non Fibrous Homogeneous
71940054PLM_46	tile				Dissolved
46 - B	9" Floor Tile Gray	None Detected		100% Other	Black Non Fibrous Homogeneous
71940054PLM_83	mastic				Dissolved
47 - A	9" Floor Tile Gray	Not Analyzed			
71940054PLM_47	tile				
47 - B	9" Floor Tile Gray	None Detected		100% Other	Black Non Fibrous Homogeneous
71940054PLM_105	mastic				Dissolved

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**Project:** 20-032751-AS/IAQ The Village of Estero

Sample ID	Description	A alb astas	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
48	Sink Insulation White	None Detected	5% Other	95% Other	White Non Fibrous Homogeneous
71940054PLM_48	Tem recommended				Dissolved
49 - A	12" Tile Gray over Tan	None Detected		100% Other	Gray Non Fibrous Homogeneous
71940054PLM_49	tile 1				Dissolved
49 - B	12" Tile Gray over Tan	5% Chrysotile		95% Other	Tan Non Fibrous Homogeneous
71940054PLM_84	tile 2		o em journe		Dissolved
49 - C	12" Tile Gray over Tan	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71940054PLM_85	mastic				Dissolved
49 - D	12" Tile Gray over Tan	None Detected	50% Cellulose	50% Other	Gray Fibrous Homogeneous
71940054PLM_86	sheet vinyl				Teased, Dissolved
50 - A	12" Tile Gray over Tan	None Detected		100% Other	Gray Non Fibrous Homogeneous
71940054PLM_50	tile 1				Dissolved
50 - B	12" Tile Gray over Tan	Not Analyzed			
71940054PLM_87	tile 2				
50 - C	12" Tile Gray over Tan	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71940054PLM_88	mastic				Dissolved

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Sample ID	Description	A	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
51 - A	1" Tile Grout/Glue Blue	None Detected		100% Other	Blue Non Fibrous Homogeneous
71940054PLM_51	ceramic tile				Crushed
51 - B	1" Tile Grout/Glue Blue	None Detected		100% Other	White Non Fibrous Homogeneous
71940054PLM_89	grout				Crushed
51 - C	1" Tile Grout/Glue Blue	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71940054PLM_90	glue				Dissolved
52 - A	1" Tile Grout/Glue Blue	None Detected		100% Other	Blue Non Fibrous Homogeneous
71940054PLM_52	ceramic tile				Crushed
52 - B	1" Tile Grout/Glue Blue	None Detected		100% Other	White Non Fibrous Homogeneous
71940054PLM_91	grout				Crushed
52 - C	1" Tile Grout/Glue Blue	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71940054PLM_92	glue				Crushed
53	Mortar Gray	None Detected		100% Other	Gray Non Fibrous Homogeneous
71940054PLM_53					Crushed
54	Mortar Gray	None Detected		100% Other	Gray Non Fibrous Homogeneous
71940054PLM_54					Crushed

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**Project:** 20-032751-AS/IAQ The Village of Estero

Sample ID	Description	A albaataa	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
55	Wire Insulation Black	None Detected	55% Cellulose 20% Fiber Glass	25% Other	Black Fibrous Homogeneous
71940054PLM_55					Ashed
56	Wire Insulation Black	None Detected	55% Cellulose 20% Fiber Glass	25% Other	Black Fibrous Homogeneous
71940054PLM_56		20 /6 Fiber Glass		Ashed	
57	Asphalt Shingles Black	None Detected	20% Fiber Glass	80% Other	White, Black Fibrous Homogeneous
71940054PLM_57	1				Ashed
58	Asphalt Shingles Black	None Detected	20% Fiber Glass	80% Other	White, Black Fibrous Homogeneous
71940054PLM_58					Dissolved
59 - A	Asphalt Shingles/Felt Paper Black	None Detected	20% Fiber Glass	80% Other	Black Fibrous Homogeneous
71940054PLM_59	shingle				Dissolved
59 - B	Asphalt Shingles/Felt Paper Black	None Detected	70% Cellulose	30% Other	Black Fibrous Homogeneous
71940054PLM_93	felt				Dissolved
60 - A	Ashpalt Shingles/Felt Paper Black	None Detected	20% Fiber Glass	80% Other	Black Fibrous Homogeneous
71940054PLM_60	shingle				Dissolved
60 - B	Ashpalt Shingles/Felt Paper Black	None Detected	70% Cellulose	30% Other	Black Fibrous Homogeneous
71940054PLM 94	felt				Dissolved

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Sample ID	Description	A 1 4	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
61	DW/JC Gray	None Detected	15% Cellulose	85% Other	White, Tan Fibrous Homogeneous
71940054PLM_61					Crushed
62	DW/JC Gray	None Detected	15% Cellulose	85% Other	White, Tan Fibrous Homogeneous
71940054PLM_62					Crushed
63 - A	12" Ceramic TS/Grout Gray	None Detected		100% Other	White Non Fibrous Homogeneous
71940054PLM_63	ceramic tile				Crushed
63 - B	12" Ceramic TS/Grout Gray	None Detected		100% Other	Tan Non Fibrous Homogeneous
71940054PLM_95	grout				Crushed
63 - C	12" Ceramic TS/Grout Gray	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71940054PLM_96	glue				Dissolved
64 - A	12" Ceramic TS/Grout Gray	None Detected		100% Other	White Non Fibrous Homogeneous
71940054PLM_64	ceramic tile				Crushed
64 - B	12" Ceramic TS/Grout Gray	None Detected		100% Other	Tan Non Fibrous Homogeneous
71940054PLM_97	grout				Crushed
64 - C	12" Ceramic TS/Grout Gray	None Detected		100% Other	Yellow Non Fibrous Homogeneous
71940054PLM 98	glue				Dissolved

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Sample ID	Description	Ashastas	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
65 - A	Brick/Ceramic Gray	None Detected		100% Other	Beige Non Fibrous Homogeneous
71940054PLM_65	ceramic tile				Crushed
65 - B	Brick/Ceramic Gray	None Detected		100% Other	Brown Non Fibrous Homogeneous
71940054PLM_99	grout				Crushed
65 - C	Brick/Ceramic Gray	None Detected		100% Other	Gray Non Fibrous Homogeneous
71940054PLM_100	mortar				Crushed
66 - A	Brick/Ceramic Gray	None Detected		100% Other	Beige Non Fibrous Homogeneous
71940054PLM_66	ceramic tile				Crushed
66 - B	Brick/Ceramic Gray	None Detected		100% Other	Brown Non Fibrous Homogeneous
71940054PLM_101	grout				Crushed
66 - C	Brick/Ceramic Gray	None Detected		100% Other	Gray Non Fibrous Homogeneous
71940054PLM_102	mortar				Crushed
67	Asphalt Shingles Black	None Detected	20% Fiber Glass	80% Other	Black Fibrous Homogeneous
71940054PLM_67	1				Dissolved
68	Asphalt Shingles Black	None Detected	20% Fiber Glass	80% Other	Black Fibrous Homogeneous
71940054PLM_68	1				Dissolved

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Sample ID	Description	A ab actor	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
69	Felt Paper Black	None Detected	60% Cellulose	40% Other	Black Fibrous Homogeneous
71940054PLM_69					Dissolved
70	Felt Paper Black	None Detected	60% Cellulose	40% Other	Black Fibrous Homogeneous
71940054PLM_70					Dissolved
71	Window Glaze White	3% Chrysotile		97% Other	White Non Fibrous Homogeneous
71940054PLM_71					Dissolved
72	Window Glaze White	Not Analyzed			
71940054PLM_72					
73 - A	Asphalt Shingles/Felt Paper Black	None Detected	20% Fiber Glass	80% Other	Gray Fibrous Homogeneous
71940054PLM_73	shingle				Dissolved
73 - B	Asphalt Shingles/Felt Paper Black	None Detected	60% Cellulose	40% Other	Black Fibrous Homogeneous
71940054PLM_103	felt				Dissolved
74 - A	Asphalt Shingles/Felt Paper Black	None Detected	20% Fiber Glass	80% Other	Gray Fibrous Homogeneous
71940054PLM_74	shingle				Dissolved
74 - B	Asphalt Shingles/Felt Paper Black	None Detected	60% Cellulose	40% Other	Black Fibrous Homogeneous
71940054PLM_104	felt	]			Dissolved

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20-032751-AS/IAQ The Village of Estero

Sample ID  Lab Sample ID	Description  Lab Notes	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
75	Textured DW/JC Ceiling Gray	None Detected	5% Fiber Glass	95% Other	Gray Non Fibrous Homogeneous
71940054PLM_75					Crushed
76	Textured DW/JC Ceiling Gray	None Detected	5% Fiber Glass	95% Other	Gray Non Fibrous Homogeneous
71940054PLM_76					Crushed
77	Slab Gray	None Detected		100% Other	Gray Non Fibrous Homogeneous
71940054PLM_77					Crushed
78	Slab Gray	None Detected		100% Other	Gray Non Fibrous Homogeneous
71940054PLM_78					Crushed
79	Slab Gray	None Detected		100% Other	Gray Non Fibrous Homogeneous
71940054PLM_79					Crushed
80	Slab Gray	None Detected		100% Other	Gray Non Fibrous Homogeneous
71940054PLM_80					Crushed

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Yanelis Delgado (52) Charmel Dozier (66)

Analyst

Client:	AMRC
Contact:	Cassie Rahe
Address:	5230 Clayton Court, Fort Myers,FL
Phone:	239-936-8266
Fax:	239-936-0737
Email:	cassie@amrc-environmental.com
Proj #:	20-032751-AS/IAQ
Address:	The Village of Estero
Date Submitted:	4/2/20
	First Positive Stop
Analysis:	PLM Bulk Asbestos
Turn Around Time:	24hr

### Chain of Custody

Enter samples between "<<" and ">>"
Begin Samples with a "<< "above the first sample
and end with a ">>" below the last sample.
Only Enter your data on the first sheet "Sheet1"

Note: Data 1 and Data 2 are optional fields that do not show up on the official report, however they will be included in the electronic data returned to you to facilitate your reintegration of the report data.

### Scientific Analytical Institute

4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313

Email: lab@sailab.com

71940054

Sample Number 🔻 Data 1	Sample Description	Data 2
<b>&lt;&lt;</b>	Exterior Stucco Gray	and the second s
2	Exterior Stucco Gray	
######################################	Exterior Stucco Gray	
4	DW/JC Gray	
5	DW/JC Gray	
6	Rolled Vinyl Pebble Pattern Yellow	
7	Rolled Vinyl Pebbble Pattern Yellow	
8	A/C Mastic White	
9	A/C Mastic White	· ·
10	Carpet Mastic Tan	
	Carpet Mastic Tan	
12	4" Ceramic Grout/Glue White	
13	Popcorn Texture White	
14	Popcorn Texture White	
15	4" Ceramic Grout/Glue White	
16	Sink Insulation White	
17	Sink Insulation Pink	C #5
18	Rolled Roof/Tar Black	4
19	Rolled Roof/Tar Black	
20	Built up Roof Black	Accepted \
21	Built up Roof Black	
22 23	Slab Gray	Rejected -
23	Slab Gray	A
24	Sink Insulation Black	CV4 43 1020au
25	DW/JC Gray	
26	DW/JC Gray	
27	Rolled Vinyl Turtle Shell Pattern Yellow	

28	Rolled Vinyl Turtle Shell Pattern Yellow
29	Ceiling Texture White
30	Ceiling Texture White
31	12" Ceramic/Grout/TS White
32	12" Ceramic/Grout/TS White
33	Shower Tile White
34	Asphalt Shingles Black
35	Asphalt Shingles Black
36	Rolled Roofing/Felt Paper Black
37	Rolled Roofing/Felt Paper Black
38	Ceiling Tile White
39	Ceiling Tile White
40	Stucco/Concrete Gray
41	Stucco/Concrete Gray
42	Exterior Plaster Gray
43	Exterior Plaster Gray
44	\$1,000 A A A A A A A A A A A A A A A A A A
45	Interior Plaster Gray
46	Interior Plaster Gray
	9" Floor Tile Gray
47	9" Floor Tile Gray
48	Sink Insulation White
49	12" Tile Gray over Tan
50	12" Tile Gray over Tan
51	1" Tile Grout/Glue Blue
52	1" Tile Grout/Glue Blue
53	Mortar Gray
54	Mortar Gray
55	Wire Insulation Black
56	Wire Insulation Black
57	Asphalt Shingles Black
58	Asphalt Shingles Black
59	Asphalt Shingles/Felt Paper Black
60	Ashpalt Shingles/Felt Paper Black
61	DW/JC Gray
62	DW/JC Gray
63	12" Ceramic TS/Grout Gray
64	12" Ceramic TS/Grout Gray
65	Brick/Ceramic Gray
66	Brick/Ceramic Gray
67	Asphalt Shingles Black
68	Asphalt Shingles Black
69	Felt Paper Black
70	Felt Paper Black
71	Window Glaze White
72	Window Glaze White
73	Asphalt Shingles/Felt Paper Black

74.	Asphalt Shingles/Felt Paper Black
75	Textured DW/JC Ceiling Gray
76	Textured DW/JC Ceiling Gray
77	Slab Gray
78	Slab Gray
/79	Slab Gray
/80	Slab Gray





## DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION STATE OF FLORIDA

## ASBESTOS LICENSING UNIT

THE ASBESTOS CONSULTANT HEREIN IS LICENSED UNDER THE PROVISIONS OF CHAPTER 469, FLORIDA STATUTES

### SNIDER, JACK M III

AMERICAN MANAGEMENT RESOURCES CORPORATION
5230 CLAYTON CT
FORT MYERS FL 33907

LICENSE NUMBER: AX57

**EXPIRATION DATE: NOVEMBER 30, 2020** 

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### STATE OF FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

ASBESTOS LICENSING UNIT 2601 BLAIR STONE ROAD TALLAHASSEE FL 32399-0783

(850) 487-1395

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STATE OF FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

AX57

ISSUED: 12/13/2018

ASBESTOS CONSULTANT SNIDER, JACK M III

AMERIÇAN MANAGEMENT RESOURCES CORP

LICENSED UNDER CHAPTER 469, FLORIDA STATUTES

EXPIRATION DATE: NOVEMBER 30, 2020



### CHC Training Nationwide Training & Certification Experts

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> 1775 West 55th Avenue Denver, CO 80221, United States of America

www.chctraining.com 303.412.6360 855.60.CERTIFY

### CERTIFICATE OF ACHIEVEMENT

This certificate is awarded to:

### Jack Snider III

In recognition of satisfactory completion of the EPA-approved annual asbestos refresher training course under section 206 of the Toxic Substance Control Act (TSCA), Title II entitled:

### SURVEY & MECHANICAL (INSPECTOR)

COURSE COMPLETION:

**EXAMINATION DATE:** 

**EXPIRATION DATE:** 

Course Hours:

Danaya N. Benedetto

CEO & Training Program Manager

Credential License ID: 14002800



OCTOBER 28, 2019

OCTOBER 28, 2019

OCTOBER 28, 2020

8.0

Aaron Hix

Instructor

CHC Training Certificate No. R19-0597-AS-O-FL



Verify this Credential



Certifies that

### Zachary Middleby

Has successfully completed and satisfactorily passed an examination for the

## Asbestos Inspector Refresher Course

Conducted 5/9/2019 Expiration Date: 5/8/2020 Provider #: 0001626 Certificate #: 5699

Jack Snider, III, Course Instructor

# AMERICAN MANAGEMENT RESOURCES CORPORATION

5230 Clayton Court • Fort Myers • Florida • 33907 • Phone (239) 936-8266



Center for Training, Research and Education for Environmental Occupations

certifies

# Thomas Daniel Armour

AMRC 4434 SW 7th Ave. Cape Coral, FL 33914

has successfully met certificate requirements for the

Asbestos: Inspector

Approval: FBPR Asbestos Licensing Unit: Provider #0000995; Course #FL49-0002859 ( 3 Days; 21 Contact Hours) (Accreditation for Inspector Under TSCA Title II/AHERA)

Conducted

01/27/2020 to 01/29/2020

ertificate #: 200365-8075

PA accreditation expires: 01/29/2021

rincipal Instructor: Russell E. Stauffer, PE, LAC

BPE CEHs: 0009087/Educational Institutions: 21.0

Carol Hinton, Associate Director

Carol Hinton

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