# 1659 N Woodland For Sale



## 1659 N Woodland Wichita, KS 67203

- Single-Family built in 1940
- Sq. Ft.: 1,194
- 3 bedrooms, 1 full bath
- Lot Size: 7,500 sq. ft.
- Appraised Value: \$104,000

For more information contact Gerri Ford, Real Estate Analyst gford@wichita.gov 316.268.4237





→ wichita.gov/HousingProperties

Request to be added to the housing email distribution list at Housingdevelopment@wichita.gov

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#### Seller Property Condition Disclosure Statement

The following is a disclosure statement, made by the SELLER, of information concerning the condition of the Property during ownership of the Property, on the date on which it is signed. It is not a warranty of any kind by the SELLER(S) or any Agent representing any principal in this transaction, and should not be accepted as a substitute for any inspections or warranties the BUYER may wish to obtain. The information provided in this statement is the representation of the SELLER and not the representation of any Agent. The information contained herein is not intended to be part of any Contract between the SELLER and BUYER.

This disclosure statement concerns the real property situated at:

1659 N. WOO	DLAND	IN THE CITY OF	WICHITA ,
COUNTY OF_	SEDGWICK	, STATE OF KANSA	NS.
SELLER	□IS NOT currently occupying th	e property.	

SELLER has owned property since: 1976\_

(LBOR Approved - 1-15-10)

#### **SELLER'S INFORMATION**

The SELLER discloses the following information with the knowledge that even though this is not a warranty, prospective BUYERS may rely on this information in deciding whether, and on what terms, to purchase the subject real property. SELLER hereby authorizes any Agent(s) representing any principal(s) in this transaction to provide a copy of this statement to any person or entity in connection with any actual or possible sale of the real property.

Indicate the condition of the following items by marking the appropriate box. Check only one box per item. If negotiable, so indicate by writing "NEGOTIABLE" next to the item.

			Not	Do Not Know	N/A - Not
SE	ECTION A – APPLIANCES	Working	Working	if Working	Included
1.	Built-in Vacuum System				
	Attachments Included Pre-Plumbed only	other			
2.	Clothes Dryer	🗖			
	Gas Electric				1
3.	Clothes Washer				$\checkmark$
4.	Dishwasher				$\square$
5.	Disposal	🗖			
6.	Freezer – Free Standing				যুম্বের
7.	Refrigerator				
8.	Microwave Oven	🗋			
~	Built in Free Standing	_	_		
9.	Wall Oven	······ 🗋			
10	Gas Electric Single Double Oth	ier 🗖	_	_	
10.	Cook Top.	······ L			
11		-	-	_	-
11.	Range/Stove         Gas       Electric         Free Standing       Drop-in         C				
12	Range Ventilation System				5
13	Trash Compactor	···· 님	H	H	
14	Exterior Grill – Built in	····· 📙	H	H	
15	TV Antenna/Satellite Dish	····· H	H	H	
16	Other:	····· H	H	H	
17	Other:	— H	H	H	
		凵			

Comments/Explanations from Section A:

SELLER'S initials and date: SELLER'S initials and date: LS 9/06/2022

BUYER'S initial and date:\_\_\_\_ BUYER'S initial and date:\_\_\_



Page 1 of 7

SECTION B – ELECTRICAL SYSTEMS	Working	Not Working	Do Not Know if Working	N/A - Not Included
1. Electrical Service Panel	Ø			Included
Capacity: <u>100</u> AMPS (helpful hint – see main bre Circuit Breakers □ Fuses	aker panel)			
2. Type of Electrical Wiring: Copper Aluminum				
<ol><li>220 Volt Service (ie, stove, a/c, drver).</li></ol>				
<ol><li>Cable TV wiring &amp; Jacks: Number of Jacks</li></ol>		ă	Ĭ	Ы
5. Telephone Wiring & Jacks: Number of Jacks				
6. Ceiling Fans: Number of Ceiling Fans 7. Doorbell	— H	H		
8. Electrical Outlets & Switches		H	H	
9. Bathroom VentFan(s)	🗖	H	H	H
10. Light Fixtures			Ō	Ū,
11. Intercom System – Built-in				
12. Sound System – Built-in Speakers –Built-in;  Wiring – Built-in		H		
13. High Speed Internet Wiring		H	H	<u>H</u>
Cable DSL Satellite Other		0		
Number of Jacks:	_	_		111.7
<ol> <li>Security System (Pre-Wired Only)</li> <li>Smoke/Fire Alarm</li> </ol>				Ø
Number of Smoke/Fire/Heat Detectors: 4				
16. Sauna (Steam Dry)				
<ol><li>Garage Door Opener(s): Number of Remotes</li></ol>			ŏ	Ĭ
Garage Door Keyless Entry	····· 🖸			Ø,
18. Other:	U			
Comments/Explanations from Section B:				
SECTION C – HEATING AND COOLING	SYSTĘMS			
1. Furnace				
Chorcod Art (200   Enroad Air Electric   English				
Forced Air Gas Forced Air Electric Forced	Air Propane			
Radiant Gravity Flow Specify Other	• • • • • • • • • • • • • • • • • • • •			
☐Radiant ☐Gravity Flow ☐Specify Other Age <u>12 years;</u> ☐Zoned Number of Units_1 Humidifier	 []			
Radiant       Gravity Flow       Specify Other         Age       12 years;       Zoned       Number of Units       1         Humidifier	 			
Radiant Gravity Flow Specify Other Age <u>12 years;</u> Zoned Number of Units <u>1</u> Humidifier	  			D D
Radiant       Gravity Flow       Specify Other         Age12 years;       Zoned       Number of Units_1         Humidifier				
□ Radiant       □ Gravity Flow       □ Specify Other         Age12 years;       □ Zoned       Number of Units_1         Humidifier				
<ul> <li>☐ Radiant ☐ Gravity Flow ☐ Specify Other</li></ul>				
<ul> <li>☐ Radiant ☐ Gravity Flow ☐ Specify Other</li></ul>				
Radiant       Gravity Flow       Specify Other         Age12 years;       Zoned       Number of Units_1         Humidifier				
□ Radiant       □ Gravity Flow       □ Specify Other         Age12 years;       □ Zoned       Number of Units_1         Humidifier				থিব বি বৰ
□ Radiant       □ Gravity Flow       □ Specify Other         Age12 years;       □ Zoned       Number of Units_1         Humidifier				যব্যর্য ব্য ব্য ব্য ব্য
<ul> <li>Radiant Gravity Flow Specify Other Age12 years; Zoned Number of Units_1 Humidifier</li></ul>				অল্লের্ র 🗆 অর্
□ Radiant □ Gravity Flow □ Specify Other         Age12 years; □ Zoned Number of Units_1         Humidifier				অৱ্যয
□ Radiant □ Gravity Flow □ Specify Other         Age12 years;       □ Zoned Number of Units_1         Humidifier       2.         2.       Heat Pump         Age;       □ Zoned Number of Units         3.       Air Conditioning         ✓ Central Air; Age12 yrs.;       □ Zoned; No. of Units_1         ✓ Central Air; Age12 yrs.;       □ Zoned; No. of Units_1         ✓ Electric □ Other (comment)       1.         4.       Propane Tank (□ Leased □ Owned)         Leased From				অৱ্যয
□ Radiant □ Gravity Flow □ Specify Other         Age12 years;       □ Zoned Number of Units_1         Humidifier       2.         2.       HeatPump         Age;       □ Zoned Number of Units         3.       Air Conditioning				থ্যম অৱব্যম্ ত অব্
□ Radiant □ Gravity Flow □ Specify Other         Age12 years;       □ Zoned Number of Units_1         Humidifier				অৱ্যয
□ Radiant □ Gravity Flow □ Specify Other         Age12 years;       □ Zoned Number of Units_1         Humidifier       2.         2.       HeatPump         Age;       □ Zoned Number of Units         3.       Air Conditioning				অৱ্যয
□ Radiant □ Gravity Flow □ Specify Other         Age12 years;       □ Zoned Number of Units_1         Humidifier				র্বার অর্বার্
□ Radiant □ Gravity Flow □ Specify Other         Age12 years;       □ Zoned Number of Units_1         Humidifier				त्वत्र व्यत्वत्

SELLER'S initials and date:\_\_\_\_\_\_ SELLER'S initials and date:\_<u>LS 9/06/2022</u>\_\_\_\_\_

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BUYER'S initial and date:\_\_\_\_ BUYER'S initial and date:\_\_\_\_\_



		Not	Do Not Know	N/A - Not
SECTION D – WATER SYSTEMS	Working	Working	if Working	Included
1. Water Supply				
Connected to Treated Water System: 🗹 City 🗌 Rura	u		_	
Well Cistern Other				
Rural Water District #Phone #				
2. Sewage System				
Property is connected to: City Sanitary Sewer System	1			
Septic System Lagoon Other:				
3. Plumbing	_			
Water/Supply Lines				
Sewer/Waste Lines				
Plumbing Fixtures & Faucets	🗹			
Grinder Pit / Lift Station				N
4. Jetted Tub				4
5. Hot Tub				
6. Sump Pump				
Discharges to	-			
Number of Sump Pumps         1           7. Swimming Pool         Swimming Pool			_	
Above Ground In Ground	·· L			
8. Underground Sprinkler System				
Installed: Professionally Homeowner Unknow				
9. WaterHeater				
Natural Gas Propane Electric Other				
Number of Water Heaters 1; Age 2 years; Gals. 40				
10. Water Purifier				
11. Water Softener ( Leased Owned)		Н	П	TX I
12. Other:		П	П	Ĩ
Comments/Explanations from Section D:				5

SECTION E – STRUCTURAL CONDITIONS 1. Age of Roof 21	Yes	No	Unknown
Composition 3-D Composition Wood Other:      Has the roof ever leaked?     Is there present damage to the roof?		<b>N</b>	
<ol> <li>Are you aware of any adverse conditions regarding the exterior siding of the structure(s)?</li> <li>Is there a history of infestation of termites, carpenter ants, fleas, rodents, etc?</li> </ol>	🏼	Ø	
<ol> <li>Has the property been treated for infestation?</li> <li>Unrepaired damage from previous infestation?</li> </ol>	🗖		
<ol> <li>Is the property currently under warranty or other coverage by a licensed pest control company?</li> <li>Have any of the windows ever leaked?</li> </ol>		N	R
<ol> <li>Are there any windows that have broken thermo-pane seals? (moisture between panes)</li> </ol>	🗆		
<ol> <li>Is there any damage to the chimney which requires repair?</li> <li>Has there ever been leakage/seepage in the basement/crawlspace?</li> <li>Are there any structural problems with the improvements?</li> </ol>	🗖		
<ul><li>14. Have any corrections been made to stabilize the foundation or retaining walls?</li><li>15. Have you experienced any moving or settling of the following?</li></ul>	🗖	_	
a. Foundations b. Floors c. Walls	🗖		
d. Driveways e. Sidewalks			
f. Patios g. Retaining Walls h. Other	🗖		

SELLER'S initials and date:	
SELLER'S initials and date: LS 9/06/2022	

#### BUYER'S initial and date:\_\_\_\_ BUYER'S initial and date:\_\_\_\_



#### Section E – Continued

		Yes	No	Unknown
16.	Has there ever been damage to the real property or any of the improvements due to fire, flood, wind, hail, or other acts of nature?	п		<b>N</b>
17.	Have you ever had a leak from any plumbing line/fixture or appliance?	Z	Ħ	
18.	Have you had the property inspected for the existence of any types of mold? If Yes, attach copy of any inspection report.	ă	Ź	
19.	Have you received any insurance proceeds or filed any insurance claim on the property?		Ø	
lf y	es, please comment and include any/all reports: <u>Replace kitchen and tub faucet</u>			
lf y	es, please comment and include any/all reports: <u>Replace kitchen and tub faucet</u>			

**SECTION F – HAZARDOUS CONDITIONS:** Are you (SELLER), to the best of your knowledge, aware of any of the following substances, materials, or products on the real property which may be an environmental hazard?

	Yes	No	Unknown
Radon			
Pre-Plumbed Operating Mitigation System	-		
Mold			
Lead-Based Paint	Ē	П	
	n i	П	7
Toxic Materials	П	П	
Asbestos	Ē	П	
Landfill or buried materials	Ē	П	7
Underground fuel or chemical storage tanks	Ē	П	
Other (specify):	Ē	Π	
		_	
	Radon	Radon    Image: Constant of the system      Mold    Image: Constant of the system      Lead-Based Paint    Image: Constant of the system      Contaminated soil or water    Image: Constant of the system      Toxic Materials    Image: Constant of the system      Asbestos    Image: Constant of the system      Landfill or buried materials    Image: Constant of the system      Underground fuel or chemical storage tanks    Image: Constant of the system      Other (specify):    Image: Constant of the system	Radon

**SECTION G – TITLE DISCLOSURES:** Are you (SELLER), to the best of your knowledge, aware of any of the following which could affect the real property? FOR INFORMATION CONCERNING SPECIAL ASSESSMENTS, CONTACT <u>BOTH</u> THE CITY CLERK AT 832-3201, AND THE COUNTY TREASURER AT 832-5178.

For Online tax info visit: http://www.douglas-county.com/online\_services/valuestaxes/disclaimer.asp. For Pending/Certified Special Assessment info visit: http://www.lawrenceks.org/specialassessment/

		Ye	es No l	Jnknown
1.	Any Covenants and Restrictions or other deed restrictions or obligation			
2.	Do you have a copy of a property survey			
3.	Any lot-line disputes or other unusual claims against the real propert	/		
4.	Any encroachments			
5.	Any zoning violations			
6.	Any non-conforming uses of property			
7.	Any violations of "set back" requirements			
8.	Easements other than normal utility easements			
9.	Any planned road or street expansions or improvements adjacent to the	he property		
10.	Any notices from any governmental, or quasi-governmental agency (	HOA) affecting		
	this real property			
11.	Any Pending/Certified assessments on the real estate, including but			<u> </u>
	those for sidewalks, streets, sewers and waterlines			
	Total balance of remaining special taxes: \$ 0			
	Certified Special Taxes: please itemize below:			
	Special Assessment 1 Description:	Amount \$	Pay Off Yea	r:
	Special Assessment 2 Description:	Amount \$	Pay Off Yea	r:
	Special Assessment 3 Description:	Amount \$		r:
	Special Assessment 4 Description:	Amount \$	Pay Off Yea	r:
	Pending (estimated) Special Taxes or Benefit Districts: \$(principa	l only). Type of Acces	amont	
		i only), Type of Asses	sment	

SELLER'S	initials	and	date:_	
SELLER'S	initials	and	date:	S 9/06/2022

BUYER'S initial and date:\_\_\_\_\_ BUYER'S initial and date:



#### Section G – Continued

		Yes	No	Unknown
12.	Features, such as walls, fences and driveways which are shared in common with adjoining landowners who use or have a responsibility to maintain the feature			
13.	Any lawsuits against the SELLER threatening, or affecting, this real property		N	П
	Any Home Owners Association (HOA) which has authority over the real property			
	Association contact person:Phone		_	
15.	Are Home Owner's Association (HOA) dues/fees assessed against the property			
	Dues: \$; Transfer/Initiation Fee: \$			
	*Please explain in Comments/Explanation below what is covered /included by			
	the HOA dues and fees.			
16.	Any "common area" (facilities such as pools, tennis courts, walkways, or other areas			
	Co-owned in individual interest with others)			
17.	Any problems related to any common area			
If y	es, please comment and include any/all reports:			

**SECTION H – OTHER DISCLOSURES:** FOR QUESTIONS CONCERNING ZONING OF ANY ADJACENT PROPERTY, CONTACT THE LAWRENCE/DOUGLAS COUNTY PLANNING DEPARTMENT AT 832-3150, OR THE LOCAL CITY/COUNTY ZONING DEPARTMENT IF THIS PROPERTY IS LOCATED OUTSIDE OF DOUGLAS COUNTY. Lawrence/Douglas County Planning info at: http://www.lawrenceks.org/pds/

		Yes	No	Unknown
1.	Current zoning is Single-Family Residence			
2.	Is any portion of the property in a flood plain		1Z	
	If yes, is flood insurance required.			
	If yes, is there a certificate of elevation			
3.	Is the real property in a Wetlands area			
4.	Are there any flooding, drainage, or grading problems			
5.	Any room additions, structural modifications, or other alterations without:			
	Necessary permits		M	
	Licensed contractors			
6.	Are any trees or shrubs diseased or dead			
7.	Is there located on the real property any of the following, active or inactive:		_	
	a. SepticSystem		V	
	b. Lagoon			
	c. Well			
	d. Cistern		$\mathbf{Z}$	
8.	Is this a rental property		Ē.	
9.	Are you aware of any environmental conditions or incidents on, at, or over the real			
	property that could possibly lead to a lawsuit or liability under any law, rule,			
	ordinance, or other legal theory			
			Startin	2018 - P.S.

If yes, please comment and include any/all reports: \_Public Housing rental property \_\_\_\_\_

SECTION I - MAINTENANCE: Insert the most recent year in which the following occurred. Date Unknown Date Unknown 1. Serviced Air Conditioner... 2022\_ 5. Serviced/Cleaned Main Plumbing Waste Lines. 2022 6. Checked Sprinkler System Back-Flow Valve .... n/a\_ 3. Cleaned/Serviced Fireplace Chimney/Woodstove flue...\_n/a Other Routine/Recurring Maintenance\_ Comments/Explanations from Section I: BUYER'S initial and date:\_\_\_\_ BUYER'S initial and date:\_\_\_\_ SELLER'S initials and date: SELLER'S initials and date: LS 9/06/2022 Page 5 of 7 **SECTION J – PERSONAL PROPERTY:** ANY PERSONAL PROPERTY INCLUDED IN THE SALE OF THIS PROPERTY SHOULD BE ITEMIZED IN THE SALES CONTRACT AS NEGOTIATED BETWEEN SELLER AND BUYER.

1. ITEMS THAT REMAIN WITH PROPERTY: None 2. ITEMS RESERVED BY SELLER: None SECTION K - ADDITIONAL INFORMATION: 1. ANY OTHER FACTS OR INFORMATION RELATING TO THIS PROPERTY THAT WOULD BE OF INTEREST TO A BUYER: No 2. ARE YOU AWARE OF ANY ADDITIONAL DEFECTS PRIOR TO YOUR OWNERSHIP? No SELLER certifies that the information herein is true and correct to the best of SELLER'S knowledge as of the date signed by SELLER. SELLER further agrees to notify BUYER of any additional items which may become known to the SELLER prior to recording of the Deed. SELLER further agrees to hold the Real Estate Broker(s) harmless from any liability incurred as a result of any third-party reliance on the disclosure contained herein and acknowledges receipt of a copy of this statement. L have not occupied this property in the past\_\_\_\_\_years of my ownership. Therefore, there are conditions of this property with which I am not familiar, however I have completed this disclosure as fully as possible. SELLER SIGNATURE DATE SELLER NAME (Please type or print clearly) Leon Salayar 9/06/2022 SELLER SIGNATURE DATE Leon Salazar SELLER NAME (Please type or print clearly) BUYER'S initial and date: BUYER'S initial and date:



## BUYER'S RECEIPT OF DISCLOSURE STATEMENT

**BUYER acknowledges that this disclosure does not constitute a warranty.** The BUYER is urged to carefully inspect the property and to have the property inspected by a qualified inspector. The BUYER understands that there are areas of the property of which the SELLER has no knowledge and this disclosure statement does not encompass those areas. The BUYER also acknowledges that he has read and received a signed copy of this statement from the SELLER or SELLER'S Agent. The BUYER acknowledges any personal property not included in the sales contract remains the property of the SELLER.

BUYER'S RIGHT TO PROFESSIONAL COUNSEL: BUYER acknowledges and agrees that the purchase of real property encompasses many professional disciplines, and while Broker possesses considerable general knowledge, Broker is not expert in matters of law, tax, financing, surveying, structural conditions, hazardous material, engineering, etc. BUYER acknowledges that BUYER has been advised by Broker to seek professional expert assistance and advice in those and other areas of professional expertise. In the event that Broker provides to BUYER names or sources for such advice and assistance, BUYER acknowledges and agrees that Broker does not warrant or guarantee such services and/or products.

BUYER herein understands that outside legal and tax counsel is recommended. Comprehensive mechanical, structural and other inspections are recommended. If, at BUYER'S option and choice, BUYER decides not to conduct inspections or obtain tax and legal counsel before closing, then BUYER accepts the Property in its present condition and will make no claim against SELLER, Brokers, or agents, based upon the lack of tax or legal counsel or based on any known or unknown past, current, or future condition of the above property and/or its improvements including but not limited to latent or patent defects, repairs, or replacements.

BUYER is advised that school boundaries are subject to change.

BUYER is advised that Kansas law requires persons who are convicted of certain sexually violent crimes after April 14, 1994, to register with the sheriff of the county in which they reside. BUYER is advised that information regarding those registrants may be available through the Kansas Bureau of Investigation (home page address: http://www.kansas.gov/kbi/\_or by contacting the local sheriff's office.

BUYER is advised that fungal contaminants (molds, etc.) may exist in the Property of which the Seller is unaware. These contaminants generally grow in places where there is excessive moisture, such as where leakage may have occurred in roofs, pipes, walls, plant pots, or where there has been flooding. A professional home inspection may not disclose fungal contaminants. BUYER may wish to obtain an inspection specifically for fungal contaminants to more fully determine the condition of the Property and its environmental status. Companies may be found in the Yellow Pages under "Environmental and Ecological Consultants," or "Environmental and Ecological Equipment and Services." Additional information about mold/fungal contaminants may be found at the following Internet Web Site: http://www.cdc.gov/mold/faqs.htm.

RADON: Every buyer of residential real property is notified that the property may present exposure to dangerous concentrations of indoor radon gas that may place occupants at risk of developing radon-induced lung cancer. Radon, a class-A human carcinogen, is the leading cause of lung cancer in non-smokers and the second leading cause overall. Kansas law requires sellers to disclose any information known to the seller that shows elevated concentrations of radon gas in residential real property. The Kansas Department of Health and Environment recommends all homebuyers have an indoor radon test performed prior to purchasing or taking occupancy of residential real property. All testing for radon should be conducted by a radon measurement technician. Elevated radon concentrations can be easily reduced by a radon mitigation technician. For additional information go to http://www.kansasradonprogram.org. BUYER acknowledges that SELLER does not warrant code compliance.

**BUYER SIGNATURE** 

BUYER NAME (Please type or print clearly)

**BUYER SIGNATURE** 

BUYER NAME (Please type or print clearly)

DATE

DATE



Disclos	Disclosure of Information on Lead-Based Paint and Lead-Based Paint Hazards						
Housi pose childro prese	<b>Lead Warning Statement</b> Housing built before 1978 may contain lead-based paint. Lead from paint, paint chips, and dust can pose health hazards if not taken care of properly. Lead exposure is especially harmful to young children and pregnant women. Before renting pre-1978 housing, landlords must discuose the presence of known lead-based paint and lead-based paint hazards in the dwelling. Tenants must also receive a federally approved pamphlet on lead poisoning prevention.						
Less	Lessor's Disclosure ( <i>initial</i> )						
_	(a) Presence of lead-based paint or lead-based paint hazards (check one below):						
	Known lead-based paint and/or lead-based paint hazards are present in the housing (explain).						
	Lessor has no know	ledge of lead-based pa	aint and/or lead-based paint	hazards in the housing.			
_	(b) Records and rep	ports available to the le	essor (check one below)				
	Lessor has provided the lessee with all available records and reports pertaining to lead-based paint and/or lead-based paint hazards in the housing (list documents below).						
	Lessor has no reports or records pertaining to lead-based paint and/or lead-based paint hazards in the housing.						
Less	Lessee's Acknowledgement ( <i>initial</i> )						
_	(c) Lessee has received copies of all information listed above						
	(d) Lessee has received the pamphlet "Portect Your Family from Lead in Your Home."						
Age	Agent's Acknowledgment (initial)						
_	(e) Agent has informed the lessor of the lessor's obligations under 42 U.S.C. 4852(d) and is aware of his/her responsibility to ensure compliance.						
The fo that th (Ge	Certification of Accuracy         The following parties have reviewed the information above and certify, to the best of their knowledge, that the information provided by the signatory is true and accurate.         Leon Salayar       9/06/2022         (General Maint. Supervisor Housing Dept.)       Lessee       Date						
	essor	Date	Lessee	Date			
Ā	gent	Date	Agent	Date			

## ASBESTOS INVESTIGATION \* RESIDENTIAL STRUCTURE \* WICHITA, KS \* EEG PROJECT #18-0111-085

## **1.0 EXECUTIVE SUMMARY**

#### **1.1 INTRODUCTION**

**ENVIRONMENTAL ENTERPRISE GROUP, INC. (EEG)** was retained by Spectrum Environmental, Inc. to conduct an inspection for suspect asbestos-containing materials (ACM) at the abovereferenced property located in Wichita, Kansas. The inspection included the assessment of suspect friable and non-friable ACM.

The purpose of this survey was to locate, identify, sample and assess the condition of accessible materials found throughout the residential structure at 1659 N. Woodland Avenue located in Wichita, Kansas, that were suspected of containing more than one percent (1%) asbestos. The investigation took place at the request of Mr. Scott Hassler of Spectrum Environmental, Inc. and was conducted by Mr. Bob E. Smith on June 14, 2018. Mr. Smith has received asbestos training by a USEPA-approved training facility.

In order to ensure a safe and healthy work environment, Federal, State and local regulations require that ACM be identified and controlled. This asbestos investigation report provides the basis for an Operations and Maintenance (O&M) Plan.

#### **1.2 BUILDING DESCRIPTION**

The residential structure, built in 1940, contains approximately 1,164 square feet and is constructed of wood framing with vinyl siding exterior walls and an asphalt shingle roof. The interior walls are drywall. The building sits on a concrete foundation and utilizes a natural gas and electric HVAC system.

## 1.3 FINDINGS

As suspect ACM was identified, they were classified as either friable or non-friable. Friable materials are more hazardous than non-friable materials because they are more likely to release fibers into the air. In assessing the fiber release potential, the current condition of all ACM was noted. Evidence of deterioration, physical or water damage and the potential for future disturbance were taken into consideration. The potential of erosion of the ACM due to air disturbance, high vibration or contact was also noted. Please see photos of asbestos-containing materials located in the appendices.

The following materials were found to be asbestos containing and were present at the facility in the listed quantities and locations:

Sample Group	*НА	Material Description	Sample Location	Friable/ Non-Friable	Quantity	Condition	**Category 1/2
1659NWA- 7A	7	ACM Gray Cement Board	Basement	Non-Friable	1 ft <sup>2</sup>	Significantly Damaged	2

\*HA = Homogeneous Area

\*\* Category 1 Non-Friable ACM: Asbestos-containing packings, gaskets, resilient floor covering and asphalt roofing products containing more than one percent asbestos as determined using the method specified in Appendix E, Subpart E, 40 CRF Part 763, Section 1, Polarized Light Microscopy.



## ASBESTOS INVESTIGATION \* RESIDENTIAL STRUCTURE \* WICHITA, KS \* EEG PROJECT #18-0111-085

**Category 2 Non-Friable ACM:** Any material, excluding Category 1non-friable ACM, containing more than one percent asbestos as determined using the methods specified in Appendix E, Subpart E, 40 CRF Part 763, Section 1. Polarized Light Microscopy that, when dry, cannot be crumbled, pulverized or reduced to powder by hand pressure.

EEG recommends that the ACM identified in good condition should be placed in an O&M plan that specifies preventative measures to avoid disturbance and potential for damage. ACM in damaged condition should be removed or repaired in accordance with local, state and federal regulations. In the event of renovation or demolition of any ACM materials, removal shall be in accordance with local, state and federal regulations.

It is important to note that non-friable materials may become friable when being removed or demolished. The condition of these materials must be monitored when they are being disturbed. In the event that non-friable asbestos containing materials become friable during removal or demolition, there may be regulatory issues that must be addressed.



## 2.0 MATERIAL ASSESSMENT & RECOMMENDATIONS

## 2.1 ASBESTOS CONTAINING MATERIALS

As a result of the inspection conducted by EEG, the following materials were classified as asbestos-containing. EEG has made recommendations regarding each positive material in accordance with the AHERA guidelines (see Section 4.3).

#### HA: 7

#### Material Description: ACM Gray Cement Board

Material is located in the basement.

The material is a non-friable, miscellaneous material and is in significantly damaged condition.

EEG recommends that the ACM identified in *significantly damaged* condition be removed or repaired in accordance with local, state and federal regulations. In the event of renovation or demolition of any ACM materials, removal shall be in accordance with local, state and federal regulations.



## 3.0 ESTIMATED COST FOR REMOVAL

Sample Group	*HA	Material	Location	Quantity	Estimated Removal Cost
1659NWA-7A	7	ACM Gray Cement Board	Basement	1 ft <sup>2</sup>	\$ 500.00
			**Estimated R		\$500.0

\*HA = Homogeneous Area

\*\*Total Estimated Removal Cost is based on all asbestos-containing materials being removed at the same time. Estimated Total Removal Cost <u>does not</u> include project management and air monitoring consultant fees.

It is important to note that non-friable materials may become friable when being removed or demolished. The condition of these materials must be monitored when they are being disturbed. In the event that non-friable asbestos containing materials become friable during removal or demolition, there may be regulatory issues that must be addressed.

## 3.1 ASSUMED ASBESTOS CONTAINING MATERIALS

All suspect materials identified were sampled. No building materials were assumed to be asbestos containing.

# 3.2 MATERIALS SAMPLED, ANALYZED AND FOUND TO BE NON-ASBESTOS CONTAINING MATERIALS

The following samples, found in the residential structure, were suspected of being asbestoscontaining, but sampling and analytical testing showed asbestos concentrations of less than or equal to one percent (1%). These materials are:

Material	SAMPLE LOCATION
White/Gray 12" x 12" Floor Tile & Mastic	1 <sup>st</sup> & 2 <sup>nd</sup> Floors
Gray/Tan 12" x 12" Floor Tile & Mastic	1 <sup>st</sup> & 2 <sup>nd</sup> Floors
Tan 12" x 12" Floor Tile & Mastic	1 <sup>st</sup> Floor
Plaster	Throughout
Drywall & Texture	1st Floor Closet, 2nd Floor Closet & Basement Closet
Brown Resilient Floor Covering & Mastic (2 Layers)	Bathroom
Window Caulking	Exterior Windows
Attic Insulation	Attic



## 3.3 BUILDINGS/AREAS ASSESSED BUT WITH NO SUSPECT MATERIALS

All areas of the property, with the exception of roofing, were assessed for suspect asbestoscontaining materials.

## 3.4 MATERIALS CONSIDERED TO BE NON-SUSPECT BY USEPA

- Concrete Slab Walls and Concrete Roofing
- Wood Structures and Beams
- Fiberglass Bat Insulation Panels
- Fiberglass Pipe Insulation
- Fiberglass Tank Insulation
- Fiberglass Wall Insulation
- Cinder Block Walls
- Non-Insulated Piping
- Sheet Metal Ceilings and Walls

- Brick on Walls and Floors
- Ceramic Tiles on Floors and Walls
- Carpet
- Wood Paneling
- Epoxy Flooring Material
- Synthetic Glass Block Pipe Insulation
- Fiberglass and Metal HVAC Ductwork
- Steel and Sheet Metal Storage Buildings
- Steel and Sheet Metal Storage Tanks



## ASBESTOS INVESTIGATION \* RESIDENTIAL STRUCTURE \* WICHITA, KS \* EEG PROJECT #18-0111-085

## **4.0 METHODOLOGY**

Asbestos is a naturally occurring fibrous mineral that has many beneficial properties. It is resistant to acids and heat and does not conduct electricity or heat well. It is because of these features that it was widely used in buildings constructed prior to 1975. Asbestos was used in over 3,000 types of construction materials.

The Asbestos Hazard and Emergency Response Act (AHERA) is a Federal law that describes standard methods for asbestos inspections. The AHERA addresses the hazard of asbestos in schools and grants no jurisdictional powers to any branch of government for the regulation of asbestos in any facility other than a school. This asbestos investigation satisfies the inspection requirements outlined in the Occupational Safety and Health Administration (OSHA) 29 CFR 1910.1001 and 1926.1101. An Operations and Maintenance (O&M) Plan will be implemented from this asbestos investigation. This asbestos investigation also satisfies requirements specified under the Environmental Protection Agency (EPA) National Emission Standards for Hazardous Air Pollutants (NESHAPS) 40 CFR Part 61 that states a survey must be performed identifying friable and non-friable ACM in a building prior to renovation or demolition. However, you may elect to collect and analyze additional samples of affected materials at the time of renovation or demolition.

## 4.1 HOMOGENEOUS AREAS

The site was inspected for the presence of materials that may contain asbestos. These materials were then described and categorized by homogeneous area (HA). The AHERA defines "homogeneous area" as an area of surfacing material, thermal system insulation material or miscellaneous material that is uniform in color, texture and date of material application. During the building inspection, the inspector classifies all materials by "homogeneous area." Homogeneous area might be better understood as a homogeneous material, since there is no requirement that a homogeneous area be contiguous or continuous. An example of this might be a building that has a single type of floor tile. All floor tile in the building would be considered a single "homogeneous area" regardless of where it is located because it is uniform in color, texture and date of material application.

## 4.2 INSPECTION AND SAMPLING

## 4.2.1 Inspection Methods

The building inspection was performed as follows:

- 1. A visual determination of the quantity and condition of suspect materials in the facility.
- 2. A physical "hand pressure" test for determining the condition of suspect materials.
- 3. Sampling and documentation of observable suspect materials according to EPA guidelines.
- 4. Measurement of all observable material sampled to determine the quantity existing within the facility. The quantity is determined by a visual inspection and/or by blueprint examination.



## 4.2.2 Sampling Strategies

- 1. As much as possible, sampling was conducted in unoccupied areas such as mechanical rooms, pipe chases and closets.
- 2. Samples of each material were collected according to material type, color and texture. If a suspect material such as corrugated pipe covering was found in an unoccupied area on a floor, those samples were used to represent the material throughout the building as long as the appearance did not change.
- 3. In a general assessment, pipe covering and mudded joint packings are sampled and measured as homogeneous material unless otherwise noted. Each homogeneous material was randomly sampled three times. When different suspect asbestos-containing thermal insulation was identified, three additional random samples of the homogeneous material were collected.
- 4. In this assessment, three composite samples were collected of all non-homogeneous materials or materials where asbestos was not easily identifiable such as:
  - mudded joint fittings, especially those on fiberglass-insulated lines
  - mudded packings on boilers, tanks, breechings, or ducts
- 5. Sampling was generally the last thing performed in each area after pressure testing, measuring, assigning sample numbers and evaluating the priority level.
- 6. All cementitious and miscellaneous suspect materials were sampled and noted as to location and quantity.

## 4.2.3 Sampling Procedures

The bulk samples were obtained with a stainless steel coring tool or knife designed to make clean cores of friable material to avoid creating excessive dust. The area was pre-wetted to reduce fiber generation during the sampling process. The coring tool or knife was used rather than scratching a sample from the surface of the suspect material in an effort to obtain a sample that was representative of all layers of the material.

Samples of materials such as ceiling tile, wallboard, floor tile, etc., are generally obtained with a utility knife. Frequently, a small, broken piece of these materials can be found and used as a sample.

## 4.2.4 Chain of Custody Procedures

A copy of the chain of custody that accompanied the samples is supplied in the Analytical Results Appendix. The inspector filled out the chain of custody form after all samples were collected and before the samples were shipped to the laboratory. When the laboratory received the samples, the chain of custody was transferred to the laboratory.



#### 4.3 ASSESSMENT LOGIC

#### 4.3.1 Priority Level Determination

As a result of the inspection and laboratory analysis of the bulk samples collected, EEG has generated a priority level for ACM that follows AHERA guidelines. The AHERA guidelines recognize seven levels of hazard associated with asbestos based on six primary variables: material condition; water damage; exposed surface area; accessibility; activity/movement; and air plenum/direct air stream.

Material condition refers to the condition of the material at the time of the inspection. Factors included are the quality of installation, adhesion of the material to the underlying substrate, deterioration of the outer covering, de-lamination, contact damage and material disintegration.

Water damage relates to the potential for water to dislodge, delaminate and disturb materials. Water damage weakens the binding matrix of the material and can carry fibers in a slurry to other areas of the building where they can become airborne.

The exposed surface area of friable material has an effect on potential fiber fallout levels and the possibility for contact and damage. A useful criterion in determining exposed surface areas is visibility of the friable asbestos material. Materials usually fall into one of the following categories: out in the open (fully exposed); above or behind a semi-permanent enclosure such as a wall, ceiling, or floor; and above or behind a permanent enclosure. Areas with louvers, grids or other open ceiling systems are considered exposed.

Accessibility of the material is a function of proximity. If the material can be reached, it is accessible and subject to accidental or intentional contact damage.

In the variable of activity and movement, occupancy and mechanical vibrations are two important factors to consider. High-occupancy areas are subject to more vibration from noise and physical movement; therefore, a greater ambient fiber release can be expected. This variable also plays an important role in determining abatement priority. Mechanical vibrations, especially in boiler mechanical rooms, not only create ongoing ambient fiber release, but when the system is turned on or off there is a sudden burst of mechanical and air movement that creates a brief peak exposure.

The category of air plenum/direct air stream refers to potential or existing air movement. A direct air stream moving across the material erodes the material, thereby releasing fibers into the air. If the area in question forms a supply air plenum, there is usually increased exposure to building occupants since the contaminated air is blown directly into rooms of the building. Return air plenums do not create quite as high an exposure potential as supply air plenums, but do contribute to the exposure of maintenance and mechanical workers accessing these areas. A value is given to this variable if there is a real or potential air stream at the time of the inspection. A fan, present but not in use at the time of the survey, is an example of a potential air stream.



Two sub-variables are asbestos content and friability. Friability is the ease with which material can be crumbled, pulverized or reduced to powder when dry, by hand pressure. The more friable the material, the greater the potential is for fiber release and contamination. The asbestos content is factored based on the analytical results of samples from a homogeneous sampling area. Materials with a high percentage of asbestos contain more fibers for potential release and contamination of the building.

The *Decision Logic Flow Chart for Hazard Assessments*, located in the appendix section of this report, shows the decision logic used to classify ACM by AHERA guidelines.

## 4.3.2 Priority Level Interpretation

High Priority materials are generally those that have been significantly damaged. Removal is the corrective action suggested for most High Priority materials. Removal is the only permanent solution to asbestos-related problems.

Moderate Priority materials have a lower exposure potential than High Priority materials. However, they still represent a significant exposure potential. EEG recommends implementing a corrective action plan to reduce the high exposure potentials that exist in these areas. Depending on the funds available, the corrective action plan may involve complete removal, or selective removal in conjunction with the cleaning up of debris that may exist and the repair of any damaged areas. Removal also eliminates future exposure incidents that may cause the building owners to incur additional liability. Any past liability the building owner has incurred as a result of an occupant's exposure to ACM will not be altered.

Low Priority materials either have a low friability or are located in inaccessible areas and are not expected to create a serious or immediate exposure potential. However, as materials deteriorate with time, a corrective action plan should be devised to minimize future asbestos exposure potential. The most effective means of reducing deterioration and accidental disturbance of ACM is the development of an Operations and Maintenance (O&M) Program. This is an interim control measure designed to train custodial and maintenance personnel, establish emergency abatement and control procedures, develop a periodic program to re-inspect the materials, and to provide the necessary supplies and equipment to perform these tasks.

Non-friable building materials do not create the potential for asbestos exposure unless they are sawed, broken, ripped or pulverized. However, even materials that are well wrapped and technically non-friable at the time of inspection have the potential to become friable very readily by accidental tearing or other disturbance (e.g., water damage, grinding, drilling, sawing, etc.). This report addresses friable and potentially friable materials.

The *Decision Logic Flow Chart for Hazard Assessments*, located in the appendix section of this report, shows the priority level associated with each hazard level using AHERA guidelines. The chart also shows the action recommended for each hazard level.

