# 'NOTICE FOR SOLICITATION OF LICENSED CONTRACTORS FOR THE CITY OF BESSEMER BUILDING AND INSPECTION DEPARTMENT'S CLEARANCE PROGRAM

The City of Bessemer, AL seeks Licensed Contractors to provide Housing Demolition services for the Building and Inspections Department.

The purpose of this notice is to announce that housing demolition bid packages will be available from Wednesday June 24, 2020 through Wednesday July 1, 2020 for licensed contractors. Successful bidders must provide a copy of their Contractor's license, Asbestos Certification, City of Bessemer Business License, Workman's Compensation and General Liability coverage. Packages will be available on the first floor of City Hall at the Receptionist's Desk, weekdays from 8 a.m. to 4:45 p.m. Persons or firms interested in providing these services are encouraged to contact Tom Harmon, Director of the Building and Inspections Department at (205) 424-4060 for additional information.

Sealed bids will be received until 3 p.m. on Monday, July 6, 2020 in the Building and Inspections Department, on the 1st floor of City Hall (1700 3<sup>rd</sup> Ave. North). Bids will be opened on Wednesday July 8, 2020 at 10 a.m., on the second floor of City Hall in City Council Conference Room.

### **INVITATION TO BID**

### City of Bessemer Building & Inspection Services Department

### June 24, 2020

To: All Responsible Demolition Contractors

From: Office of Building and Inspection Services

Tom Harmon, Director

Cc Wanda Taylor

City Clerk

The City of Bessemer seeks sealed bids for demolition and clearance of the attached list of properties. The addresses of these properties are contained herein. In addition, a copy of the contract (EXHIBIT A); bid form (EXHIBIT B); Non-Collusion Affidavit (EXHIBIT C) and Alabama Act No. 2011-535 Affidavit (EXHIBIT D) are also included in this packet. This Invitation to Bid and EXHIBITS A through D as contained herein constitutes the entire agreement.

### You are required to include in your sealed bid:

- \*A Current Copy of Contractor's Liability Insurance.
- \*Current Copy of Bid Bond that meets 5% of bid total (or cashier's check for said amount.)
- \* Current Copy of City of Bessemer Business License.
- \*Asbestos Removal Contractor Certification
- \*State of Alabama Licensing
- \*W-9 Form

### The Invitation to bid is as follows:

- L Description of funding. This bid represents a "Demolition Project" under the City's Building and Inspection Services Department and as such will be subject to all County and City regulations and requirements pertaining to such contract work.
- 2 Type of Bid and Applicable Dates. Sealed bids marked "Demolition Project" must be received in the City Clerk's Office, in of Bessemer City Hall as follows:

SEALED BID DUE DATE: Monday July 6, 2020 by 3:00 p.m.

BIDS MUST BE CLEARLY MARKED ON THE ENVELOPE AS FOLLOWS: City of Bessemer Building and Inspection Services Department, Clearance Project Bid, 1700 3<sup>rd</sup> Avenue North BESSEMER, ALABAMA 35020 BID ON DEMOLITION PROJECT. Contractor's Company name should also be shown.

3. Bid deadline and Reservations. All bids must be sealed. The City of Bessemer reserves the right to reject any or all bids when in the opinion of the City of Bessemer, the best interest of the City of Bessemer will be served. Bids must be received no later than 3:00 P.M. on Monday July 6, 2020. No bids will be received after the above listed scaled bid due date and time. If you have any inquiries about this particular Bid, please contact:

Tom Harmon, Director of Building and Inspection Services at (205) 424-4060.

4. Date, time, and place bid read. City of Bessemer will publicly open and read sealed bids on the date stated in the attached Invitation For Sealed Bid, at the <u>City Council Conference</u> <u>Room (2nd Floor)</u> of Bessemer City of Hall. Bidders or their authorized representatives are invited to be present.

### BID OPENING TIME and DATE: Wednesday July 8, 2020 at 10 o'clock a.m.

- 5. Factors considered in awarding. The price, present availability of bidder, and the present availability of the bidder to deliver services identified and requested will be considered, except where prohibited by Alabama or federal law in awarding said contract. The City of Bessemer reserves the right to:
  - a Award the bid to the lowest responsible and responsive bidder, as determined by the City to be in the best interest of City of Bessemer.
  - b. Reject any or all bids and to waive technicalities or informalities when in the opinion of City of Bessemer the best interest of City of Bessemer will be served.
  - c. Make null and void the award to the successful bidder if the City is not reasonably satisfied that bidder's equipment is of sufficient quality and properly maintained to suit the needs of the City, where bidder is unable to meet the allotted timeframe.
- 6. Taxes Not Included in Bid. No taxes of any kind are to be included in the bid prices unless requested. City of Bessemer will furnish tax exemption certificates when necessary.
- 7. Prices on bid and Timeframe bid offer to remain available. Prices and notations must be in ink or typewritten on the Bid Form provided by City of Bessemer. (EXHIBIT B). All bid prices must be fully extended and must be firm for a minimum of 60 days.
- 8. Restrictions on bid offer. All bids must contain a certification of non-discrimination as required by federal law. No bid may be withdrawn for sixty (60) days after the date of bid opening.

Invitation to Bid: Page 2 of 4

- 9. Bid Bond Required. All bonds for demolition must be accompanied by a Bid Bond, money order, cashier's check or certified check in an amount equal to five percent (5%) of the total bid amount, and must be made payable to the City of Bessemer.
- 10 Obligations for successful bidder. The successful bidder will agree to sign a contract to leave each parcel of land cleared of all debris; properly dispose of abandoned sewer line and/or/septic tank (subject to approval of Building & Inspections of the City of Bessemer); removal of all sidewalks, driveways, or masonry slabs, footings, foundation walls, steps and retaining walls. All holes, openings, or basements must be filled to grade level with inorganic material. A copy of said contract is attached as EXHIBIT A.
- 11. Obligations (cont.). The successful bidder will be responsible for removal and the proper disposal of all demolition debris in accordance with the applicable, laws, rules and regulations promulgated by the Jefferson County Health Department, City of Bessemer, and State of Alabama. This includes disposal of asbestos or any other hazardous material.
- 12 Obligations (cont.)-Time is of the essence in this contract. The successful bidder will be required to remove or have removed within sixty (60) days from the date of the contract, and as further stipulated under special conditions, all structures in accordance with the laws and ordinances of the City of Bessemer relating, thereto. Failure to comply with this requirement will result in an assessment for liquidated damages of \$50.00 for each day not completed on time, for a maximum of 10 days. In the event the contract is not completed as stipulated, after this time, all rights under the contract will be forfeited, including money deposited or paid to the City.
- 13. Obligations (cont.)-Licensure and Permits. The successful bidder will be responsible for all Federal, State, and Local License and Fee requirements. The successful bidder will be required to obtain permits from the Building and Inspections Department for the City of Bessemer, allowing sufficient time to complete the project within the said sixty (60) day period.
- 14. Obligations (cont.)-Commencement of Work. The contractor shall be required to show objective signs of having commenced work within ten (10) days from receipt of the notice to proceed.
- 15. Obligations (cont.)-Forbearance. The successful bidder acknowledges that the time for completion will be strictly enforced and failure to meet the requirements in 12 through 14 of this Invitation to Bid and the attached contract (EXHIBIT A) will constitute a breach of the provisions as contained herein. Upon breach, the City will have the discretion to immediately seek alternative contractors to demolish structures and/or/ remove remaining debris from any parcel as described under Number 19 and seek damages as a result of any contractor's breach of the contract contained herein.
- 16 Obligations (cont.)-containment of debris, etc. The successful bidder will be responsible for the prevention, control, and elimination of excessive amounts of noise, airborne dust, debris, or other nuisances emanating from the demolition site. The Director of Building and Inspection or his representative may direct certain remedial procedures in the event proper controls are not exercised.

- 17. Entitlements and Exclusions. The successful bidder shall be entitled to the salvage value of the buildings or structure demolished; however any bid shall give credit for such values, if any, and shall be a net bid stating the net amount to be paid to City. The City cannot and does not protect against fire, vandalism, theft, or other hazards, which may affect the salvage value and makes no warranty in that regard.
- 18 Insurance, Hold Harmless, and Indemnity. All contractors must carry insurance for Workmen's Compensation in accordance with the laws of the State of Alabama, and a policy of general liability insuring the City and the contractor's employees against claims of bodily injuries and/or/ property damage. The successful bidder agrees that the City of Bessemer shall be held harmless from claims and liens associated with the performance of the demolition/clearance work of the "Demolition Project" described herein.
- 19. Non-Collusion Affidavit. All bids must contain a "Non-Collusion Affidavit" certification. See EXHIBIT C attached hereto.
- 20. Alabama Act No. 2011-535 Compliance Affidavit .All bids must contain an "Alabama Act No. 2011-535 Compliance Affidavit" certification. See EXHIBIT D.
- 21. Properties for Demolition/Clearance. Bids must be for each ungrouped property and/or each group of properties as listed, using the attached Bid Form (EXHIBIT B). Bids must be submitted in a sealed envelope as provided under the above Number 2. Use Exhibit B. The Building Description and Addresses are as follows:

Building Descri	ription	Address
1 Uni	it	100 Griffin Avenue
1 Uni	it	511 33rd Street South
1 Uni	it	514 18th Street South
1 Uni	it	631 22 <sup>nd</sup> Street North
1 Uni	it	803 25th Street North
2 Uni	its	909 26th Street North
1 Uni	it	916 26th Street North
1 Uni	it	928 8th Avenue North
1 Un	it	2103 9th Avenue North
1 Un	it	2308 5th Avenue North
1 Un	it	2400 6th Avenue North
1 Un	it	2402 6th Avenue North
1 Uni	it	3030 6th Avenue North
1 Uni	it	3115 7th Avenue North

<sup>\*</sup>See asbestos tests attached

♦Source of funding: City of Bessemer Funds.

# EXHIBIT A CONTRACT FOR THE DEMOLITION PROJECT

<u>City of Bessemer Building & Inspection Service Department</u>
This Agreement, made and entered into this (<u>DATE</u>) by and between (<u>CONTRACTOR</u>), hereinafter called the "Contractor," and the City of Bessemer, Alabama, hereinafter called the "City," for demolition and clearance of structures located at:

IN CONSIDERATION of the mutual premises and agreements contained herein, the undersigned Contractor and City agree as follows:

### I. The Contractor:

- 1. Furnish all labor, materials, supervision, equipment and services as required to perform to the satisfaction of the City of Bessemer, Alabama, the work specified hereinafter for the total sum of \$(AMOUNT) Dollars.
- 2. Carry out demolition work in accordance with the <u>Scope of Demolition</u>, the provisions as contained in the <u>Invitation to Bid</u>, and according to the terms and conditions on the Bid Form.
- 3. Leave the premises clean and free of rubbish, litter, and other undesirable materials.
- 4. Disconnect and terminate all existing utility connections in accordance with the requirements of the agencies having cognizance over said utilities.

### II. General Provisions

- 1. This contract, along with the <u>Invitation to Bid</u>, embodies all the representations, rights, duties, obligations of the parties and any prior oral or written agreement not embodied herein shall not be binding open or inure to the benefit of any of the parties.
- 2. During the performance of this Contract, the Contractor agrees to comply with provisions of the Executive Order No. 11246 dated September 24, 1965, and Section 3 of the Housing Act of 1968 as specified in Part III of this Contract.
- 3. The parties further state that, to the best of their knowledge, no member of the City of Bessemer Building and Inspection Service Department and no other officer, employee or agent of the City of Bessemer exercises any functions or responsibilities in connection with the carrying out of the Project to which this Contract pertains has any personal interest, direct or indirect, in this Contract.
- 4. In the event the Contractor is unable to complete his work in the allotted time as provided in the Notice to Proceed, a penalty of \$50.00 per day beyond this date will be assessed to the Contractor.
- 5. The Contractor will commence work within ten (10) days after issuance of a proceed order
- 6. The full contract price payment will be in one lump sum after the work has been satisfactorily completed. The Contractor will furnish release of liens of claims for liens by subcontractors, laborers, and material suppliers for completed work or

# Installed materials before payment will be made. Invoices received from the Contractor for all satisfactorily completed work will be paid within thirty (30) days after receipt.

- 7. The Contractor will obtain and pay for all permits and licenses necessary for the completion and execution of the work and labor to be performed within ten (10) days after notification of award from the City Clerk's Office. Failure to comply will result in forfeiture of deposit.
- 8. The Contractor will perform all work in conformance with applicable local codes and requirements.
- 9. The Contractor will not assign the contract work without written consent of the City. The request for assignment must be addressed to the City of Bessemer Building & Inspection Services Department.
- 10. The Contractor will permit the federal, state, and/or/ local government or its designee to examine and inspect the demolition and clearance work, and (where applicable) the Owner or his representative may visit and inspect the work at all times during its progress and upon final inspection.
- 11. The Contractor will hold the City harmless from all claims or liens tor labor or materials furnished or used in the performance of the work covered in this Contract, whether furnished or used by the Contractor or any immediate or remote subcontractor. Final payment on the contract amount will be made only after final inspection and acceptance of all the work to be performed by the Contractor, and after the Contractor has furnished the City, in care of the City of Bessemer Building and Inspections Department, the executed Certification and Release form required in the Item III (3) of this Agreement.

### Other Terms and Conditions

- Adjacent Property. When adjacent property is affected or endangered by any work
  done under this Contract, it shall be the responsibility of the Contractor to take
  whatever steps are necessary to ensure the protection of the adjacent property and to
  notify the City of such dangers and/or/ hazards. Repairs shall be made to all adjacent
  properties damaged by the Contractor resulting from his work under this Contract at
  no additional cost to the City.
- 2. Contractor's Certificate and Release. Prior to final payment and as a condition thereto, the Contractor shall execute a certificate and release. It will set forth the undisputed balance due the Contractor under the Contract and duly approved change orders; a listing of additional amounts of outstanding and unsettled items which the Contractor claims are just and due and owed to Contractor by the City; a certification that the work under the Contract and change orders has be performed in accordance with the terms thereof and that there are no unpaid claims for materials, supplies or equipment and no claims of laborers or mechanics for unpaid wages arising out of the performance of the Contract; a statement that except for the amounts enumerated, the Contractor has received from the City all sums of money payable to him under or pursuant to the contract or any changes thereto; and a statement that in consideration of the payment of the undisputed balance, the Contractor releases and indemnifies the City from any and all claims arising under or by virtue of the Contract except for the additional amounts of outstanding unsettled items which the Contractor listed and deemed as claims that are just and due.
- 3. Excusable Delays. The Contractor shall not be charged with liquidated damages for any delays in the completion of the work due as follows:

- a To any acts of the government, including controls or restrictions upon or requisitioning of materials, equipment, tools or labor by reason of war, National defense, or any other national emergency;
- b. To any acts of the City;
- c. To causes not reasonably foreseeable by the parties to this Contract which are beyond the control without the fault or negligence of the Contractor, including by not restricted to acts of God or of the public enemy; acts of another Contractor in the performance of some other Contract with the City; fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, and weather of unusual severity such as hurricanes, tornadoes, cyclones, and other extreme weather conditions; and
- d. To any delay of the subcontractor occasioned by any of the causes specified in subparagraphs a, b, and c above.
- 4. <u>Permits and Codes</u>. The Contractor shall give all notices required by and comply with all applicable laws, ordinances and codes of the local government including obtaining and payment for any required permit.
- 5. Insurance.
- a The Contractor shall carry or require that there be carried Workmen's Compensation Insurance for all employees and those of said subcontractors engaged in work at the site in accordance with State or Territorial Workmen's Compensation Law.
- b. The Contractor shall carry or require that there be carried Manufacturer's and Contractor's Public Liability Insurance with maximum limits of \$250,000 per person, per incident to protect the Contractor and his subcontractors against claims for injury to or death of one or more than one person because of accidents which may occur or result from operation under the Contract. Such insurance shall cover the use of all equipment including, but not limited to, excavating machinery, trenching machines, hoists, rollers, concrete mixers, and motor vehicles in the construction of the rehabilitation embraced in this Contract.
- c. The Contractor shall carry during the life of the Contract Property Damage Insurance in the amount not less than \$ 100,000 to protect him and his subcontractors from claims for property damage which might arise from operations under this Contract.
- d. Before commencing work, the Contractor shall submit evidence of the coverage required above by an insurance certificate issued by the insurance carrier.
- 6. <u>Inspection of Work</u>. The City of Bessemer, and its Building & Inspection Service Department shall have the right to examine and inspect the work included in this contract. The work shall be subject to the inspector's approval and acceptance. Also, these representatives shall be permitted to examine and inspect all subcontractor's materials, payrolls, and conditions of employment pertaining to the work, including all relevant data and records.
- 7. Interest of Certain Federal and Other Officials.

- a. No member of the governing body of the City of Bessemer Building & Inspection Services Department who exercises any functions or responsibilities in connection with the administration of which the contract pertains, and no other officer or employee of the Building and Inspection Services Department who exercises any such functions or responsibilities shall have any interest direct or indirect, in this contract which is incompatible or in conflict with the discharge or fulfillment of his functions and responsibilities in connection with the carrying out of the Project to which this contract pertains.
- b. No member of the governing body of the City of Bessemer and no other public official of the City who exercises any functions or responsibilities in connection with the administration of the Building and Inspection Services Department or Code Enforcement Program shall have any interest, direct or indirect, in this Contract.

Retention and Custodial Requirements for Records. Financial records, supporting documents, statistical records, permits and inspection records, and all other records pertinent to this contract shall be retained by the Contractor for a period of three years following the completion and final payment, with the following qualifications:

a. If any litigation, claim or audit is started before the expiration of the three year period, the records shall be retained until all litigations, claims or audit findings involving the records have been resolved.

THIS CONTRACT AND ALL TERMS AND CONDITIONS HEREIN ARE APPROVED AND ACCEPTED AS OF THE DATE FIRST ABOVE WRITTEN.

CONTRACTOR	CITY OF BESSEMER, ALABAMA
BY:	MAYOR:
Date:	Date:
Address:	
CITY, STATE, and ZIP CODE:	
Геlephone:	

# EXHIBIT B BID FORM

Ms. Wanda Taylor City Clerk City of Bessemer, Alabama

Submitted below is my firm bid for the removal and/or demolition of the buildings, and clearing the premises of debris in accordance with your Invitation to Bid and Specifications date <u>June 24, 2020</u>

I understand that failure to sign contract documents, pay any balance due, provide any bonds required and obtain permits from the Department of Building and Inspections, within ten (10) days after notification of award by the City Clerk's Office, will result in forfeiture of my bid bond or deposit. I also understand that the removal and/or demolition of the building must be completed with sixty (60) days from the date of contract, and failure to do so will result in liquidated damages and possible forfeiture of all rights under the contract.

BUILI	DING DESCRIPPTION	ADDRESSES	BID AMOUNT
1	Unit	100 Griffin Avenue	
1	Unit	511 33 <sup>rd</sup> Street South	1
1	Unit	514 18 <sup>th</sup> Street South	ı
1	Unit	631 22 <sup>nd</sup> Street Nort	h
1	Unit	803 25 <sup>th</sup> Street Nortl	ı
2	Units	909 26 <sup>th</sup> Street North	ı
1	Unit	916 26 <sup>th</sup> Street North	ı
1	Unit	928 8th Avenue North	h
1	Unit	2103 9th Avenue No	rth
1	Unit	2305 5th Avenue No	rth
1	Unit	2400 6th Avenue No	rth
1	Unit	2402 6th Avenue No	rth
1	Unit	3030 6th Avenue No	rth
1	Unit	3115 7 <sup>th</sup> Avenue No	rth

MPANY
REET
O. BOX

# **EXHIBIT C**

# **NON-COLLUSION AFFIDAVIT**

STATE OF:	PROJECT:
COUNTY OF: LET	TING DATE:
I hereby certify that	
(Name of Contract	ing Firm)
has not either directly or indirectly, entered in collusion, or otherwise taken any action in reconnection with this contract.	
Signed by:	
Printed Name and Title of Person signing	
Sworn to and subscribed before me this	_day of, 2020.
	Notary Public
	My Commission Expires:
	(SEAL)

NOTE: Proposals will not be accepted unless this form of certificate is used. This certificate must be submitted in duplicate and two original copies are included for your convenience. Please leave attached in your bid form.

### EXHIBIT D

### **COMPLIANCE WITH ALABAMA**

### ACT NO. 2011-535 AFFIDAVIT

STATE OF:		PROJECT:	
COUNTY OF:	1	LETTING DATE:	
I hereby certify that			
	(Name of Contr	acting Firm)	
has not knowingly employ unauthorized alien as defin agrees as a condition for the establishing that the Bidde performance of the Contract shall verify every employed federal rules and regulation	ned in Alabama ne award of the or is enrolled in the ct, the Bidder sh e that is required	Act No. 2011-535. contract, to provide the E-Verify prograall participate in the	Further, the Bidder documentation m. During the E-Verify program and
Signed by:		<del></del>	
Printed Name and Title	e of Person sign	ing	
Sworn to and subscribed b	efore me this _	day of	, 2020
		Notary Publi	ic
		My Commis	sion Expires:
		(SEAL)	

NOTE: Proposals will not be accepted unless this form of certificate is used. This certificate must be submitted in duplicate and two original copies are included for your convenience. Please leave attached in your bid form.

FAILURE TO EXECUTE THIS AFFIDAVIT SHALL BE CAUSE FOR REJECTION OF THIS BID



### Post Office Box 731 Bessemer, Alabama 35020

(205) 424-1390

FAX (205) 425-8118

CITY OF BESSEMER

# **REPORT #38**

ASBESTOS DETECTED

# 100 GRIFFIN AVENUE NORTH, BESSEMER, AL

O A MOLE			**** ASBI	STOS ****	*		PI	ERCENT C	THER MATERIAL
SAMPLE NO.	DESCRIPTION / COLOR	CHRY	AMOS	CROC	AC/TR	FBGL	MW	CELL	OTHER
190502-1 Flooring	100 Griffin Ave North, BESSEMER AL-,HOMOGENEOUS, FIBROUS, NON-FRIABLE Carpet								100% NFM
190502-2 Ceiling	100 Griffin Ave North, BESSEMER, AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE, Sheet Rock		1				:	95	5% NFM
190502-3 Walls	100 Griffin Ave North, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON- FRIABLE,	>						95	5% NFM
190502-4 Siding	Sheet Rock 100 Griffin Ave North, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE,	(10)	)						90% NFM
190502-5 Roofing	100 Griffin Ave North, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON- FRIABLE, Tin								Tin
190502-6 Insulation	100 Griffin Ave North, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON- FRIABLE								None

Upper detection limit; 100%. Lower detection limit; <1%. Bulk samples will be stored for 30 days and will then be disposed of in an approved EPA landfill.

CHRY = Chrysotile CROC = Crocidolite AC/TR = Actinolite/Fremolite

CELL = Cellulose MW = Mineral Wool

AMOS = Amosite

FBGL = Fibrous Glass

PC = Point Counted

Analysis of floor tile or any other resinously bound materials by polarized light microscopy (PLM) using EPA Method 600 / R-93 / 116 dated July 1993 may yield false negative results because of method limitations in separating closely bound fibers from matrix material and in detecting fibers of small length and / or diameter. When analysis of such materials by the EPA PLM Method yields negative results for the presence of asbestos we recommend utilizing alternative methods of identification such as Gravimetry, CRD or AEM.

Respectfully Submitted,

Jerry W. Dennis

President.



Post Office Box 731 Bessemer, Alabama 35020

(205) 424-1390

FAX (205) 425-8118

CITY OF BESSEMER REPORT #23

511 33rd STREET SOUTH, BESSEMER, AL

ASSESTOS

SAMPLE			Magi	STOS	de .		PE	RCENT (	OTHER MATERIAL
NO. 25710.1	DESCRIPTION / COLOR	CHRY	AMOS	CROC	AC/TR	FBGL	MW	CELL	OTHER
Flooring	511 33" Street South, BESSEMER AL, HOMOGENEOUS, FIBROUS, NON-FRIABLE	25%							75% NFM
25710-2 Ceiling	511 33rd Street South, BESSEMER, AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE, Sheet Rock							96	5% NFM
25710-3 Walls	511 33" Street South, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON- FRIABLE, Sheet Rock								100% Wood
25710-4 Siding	611 33" Street South, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON-FRABLE,								100% Wood
5710-5 boiling	511 33" Street South, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON- FRIABLE,					25			75% NFM
25710-6 sulation	511 33 <sup>rd</sup> Street South, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE					:			None Found
	The Life of the Li				1	1		!	

Bulk samples will be stored for 30 days and will then be disposed of in an approved EPA landfill.

CHRY = Chrysotile

CROC = Crocidalite
AMOS = Amosite

AC/TR = Actinolite/Tranolite

FBGL = Fibrous Glass

CELL = Cellulose MW = Mineral Wool

PC = Point Counted

Analysis of floor tile or any other resinously bound materials by polarized light microscopy (PLM) using EPA Method 600 / R-93 / 116 dated July 1993 may yield false negative results because of method limitations in separating closely bound fibers from matrix material and in detecting fibers of small length and/ or dismeter. When an alysis of such materials by the EPA PLM Method yields negative results for the presence of asbestos we recommend utilizing alternative methods of identification

Respectfully Submitted,

Jerry W. Dennis

President.



Post Office Box 731 Bessemer, Alabama 35020

(205) 424-1390

FAX (205) 425-8118

CITY OF BESSEMER **REPORT #1** 

514 18th STREET NORTH, BESSEMER, AL

SAMPLE		-	ASBE	STOS ***		Part of the Part				
NO.	DESCRIPTION / COLOR	CHRY	AMOS	CROC	AC/TR	FEGL	NW	CELL	OTHER	
100197-1 Hooring	814 1 Street North, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE			. 400 1 14.00	, .	in the swip			100% Wood	
00197-2 Colling	514 18 <sup>th</sup> Street North, BESSEMER, AL-HOMOGENEOUS, FIBROUS, MON-FRIABLE, Sheet Rack/Wood							28	75% NFM	
00197-3 Walte	514 18th Street North, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE, Sheet Rock							25	78% NFM	
19197-4 McEng	514 10 <sup>th</sup> Street North, BESSELLER AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE,	Tables A							100% Wood	
0197-5 00 <b>0ing</b>	514 18th Street North, SESSEMER AL-HOMOGENEOUS, FIBROUS, NON- FRIABLE, BIK		Ņ					25	76% Nifflij	
00197-6 pulation	Shingles 614 18th Street North, BESSEMER AL-HOMOGENBOUS, FIBROUS, NON-FRIABLE								₩A	

Upper detection limit: 100%. Lower detection limit: <1%. Bulk samples will be stored for 30 days and will then be disposed of in an approved EPA landfill.

CHRY = Chrysotile

AC/TR = Actinolite/Tremolite

CELL = Cellulose MW = Mineral Wool PC = Point Counted

CROC = Crocidolite AMOS = Amosite

FBGL = Fibroux Glass

Analysis of floor tile or any other resinously bound materials by polarized light microscopy (PLM) using EPA Method 600 / R-93 / 116 dated July 1993 may yield false negative results because of method limitations in separating closely bound fibers from material and in detecting fibers of small length and / or diameter. When analysis of such materials by the EPA PLM Method yields negative results for the presence of asbestos we recommend utilizing alternative methods of identification

Respectfully Submitted,

Jerry W. Dennis, President



Post Office Box 731 Bessemer, Alabama 35020

(205) 424-1390

FAX (205) 425-8118

CITY OF BESSEMER REPORT #2

631 22nd STREET NORTH, BESSEMER, AL

SAMPLE		j'	ASE	TOS -	ie .		PE	RONT	OTHER MATERIAL
NO.	DESCRIPTION / COLOR	CHRY	AMOS	CROC	AC/TR	FBGL	MW	CELL	OTHER
100188-1 Flooring	631 22nd Street North, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE		, in the second	e (1900) M. Marian (Manager)					100% Wood
00198-2 Coffing	\$31 22nd Street North, BEBSEMER, AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE, Wood								100% Wood
00198-3 Walis	631 22nd Street North, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE, Wood		ů.						100% Wood
30196-4 Bidling	631 22nd Street North, BESSENER AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE,								100% Wood
00198-6 loofing	631 22nd Street North, GESSEMER AL-HOMOGENEOUS, FISROUS, NON-FRIABLE, Shingles							25	75% NFM
Potas-e Mation	631 22nd Street North, BESSEMER AL-HOMOGENEOUS, FIBROUS, HON- FRIABLE								N/A

Upper detection limit: 189%. Lower detection limit: <1%. Bulk samples will be stored for 30 days and will then be disposed of in an approved EPA landfill.

CHRY = Chrysotile CROC = Crocidolite

AC/TR = Actinolite/Tremolite

CELL = Cellulose MW = Mineral Wool PC = Point Counted

AMOS = Amosite

FBGL = Fibrous Glass

Analysis of floor tile or any other resmounty bound materials by polarized light microccopy (PLM) using EPA Method 600 / R-93 / 116 dated July 1993 may yield false negative results because of method limitations in separating closely bound fibers from matrix material and in detecting fibers of small length and / or dismeter. When analysis of such meterials by the EPA FLM Michod yields negative results for the presence of asbestos we recommend utilizing alternative methods of identification. such as Gravimetry, CRD or AEM.

Respectfully Submitted.

Jerry W. Dennis, President



## Post Office Box 731 Bessemer, Alabama 35020

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FAX (205) 425-8118

# CITY OF BESSEMER REPORT #3

803 25th STREET NORTH, BESSEMER, AL

BANPLE		-	ASIN	STOS ***			124	NCENT (	THE STATE NA.
NO.	DESCRIPTION / COLOR	CHRY	AMOS	CROC	AC/TR	FBGL	MW	CELL	OTHER
00199-1 Tooring	803 25th Street North, ISESSEMER AL, HOMOGENEOUS, FIBROUS, NON-FRIABLE	n !				en 1 de 1 de euge		· · · · · · · · · · · · · · · · · · ·	100% Wood
0199-2 Jelling	803 28th Street North, BESSEMER, AL-HOMOGENEOUS, FISROUS, NON-FRIABLE, Wood				e e				100% Wood
10199-3 Walls	803 25th Street North, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE, Wood					a			100% Wood
1019 <del>9-4</del> 3kilng	903 25th Street Morth, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE,								100% Wood
01 <b>99-</b> 3 oofing	803 28th Struct Morth, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON- FTMABLE, Shingles							25	75% NFM
0150-8 Pulation	803 28th Street North, BESSEMER AL-HOMOGÉNEOUS, FIBROUS, NON- FRIABLE								NVA

Upper detection limit: 100%. Lower detection limit: <1%.

Bulk samples will be stored for 30 days and will then be disposed of in an approved EPA inadial,

CHRY = Chrysotile CROC = Crocidolits AMOS = Amosite

AC/TR = Actinolite/Tremolite

FBGL = Fibrous Glass

CELL = Cellulose
MW = Mineral Wool
PC = Point Counted

Analysis of floor tile or any other resinously bound materials by polarized light microscopy (FLM) using EPA Method 600 / R-93 / 116 dated July 1993 may yield false negative results because of method limitations in separating closely bound fibers from material and in detecting fibers of small length end / or diameter. When such as Gravimetry, CRD or AEM.

Respectfully Submitted.

Jerry W. Dennis, President



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# CITY OF BESSEMER **REPORT #4**

909 26th STREET NORTH, BESSEMER, AL

Left Duplex

SAMPLE			WE VE	STOS ****			P.	HIR MATERIAL	
NO.	DESCRIPTION / COLOR	CHRY	SOM	CROC	AC/TR	FBGL		CELL	OTHER
206-A-1 looring	803 28th Street North, SESSEMER AL-HÖMOGENEOUS, FIBROUS, NON-FRIABLE								100% Wood
0209-A-2 Colling	803 25th Street North, BESSEMER, AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE, Wood						3		100% Wood
0200-A-3 Walls	803 28th Street North, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE, Wood								100% Wood
0200-A-4 Siding	803 28th Street North, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON-FRABLE,								100% Wood
0200-A-6 Roofing	203 20th Street Horth, BERSENER AL-HOMOGENEOUS, FIBROUS, NON- FRIABLE, 19th Shingles							26	76% NFM
00200-A-6 ngulation	803 28th Street North, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON- FRIABLE				2				N/A

Upper detection limit: 109%, Lower detection limit: <1%. Bulk samples will be stored for 30 days and will then be disposed of in an approved EPA landfill.

CHRY - Chrysotile CROC = Crocidolita AC/TR = Actinolite/Tremolite

CELL = Celiulose MW = Mineral Wool PC = Point Counted

AMOS = Amounts

FBGL = Fibrous Glass

Analysis of floor tile or any other resinously bound materials by polarized light microscopy (FLM) using EPA Method 600 / R-93 / 116 deted July 1993 may yield false negative results because of method limitations in separating closely bound fibers from matrix material and in detecting fibers of small length and / or diameter. When analysis of such materials by the EPA PLM Method yields negative results for the presence of exbestos we recommend utilizing alternative methods of identification. such as Gravimetry, CRD or AEM.

Respectfully Submitted,

Jerry W. Dennis, President



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# CITY OF BESSEMER REPORT #5

909 26th STREET NORTH, BESSEMER, AL

Right Duplex

SAMPLE			ASB	STOS	A	PERC AT CITAL MAYERIAL					
NO.	DESCRIPTION / COLOR	CHRY	AMOS	CROC	AC/TR	FBGL	MW	CELL	OTHER		
10200-B-1 Flooring	883 20th Street North, BESSEMER AL <sub>2</sub> HOMOGENEOUS, FIBROUS, NON-FRIABLE	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1						عد الديمة سنيت	100% Wood		
0200-B-2 Celling	803 28th Street North, BESSEMER, AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE, Wood								100% Wood		
0200-B-3 Walls	803 25th Street North, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON- FRIABLE, Wood		F						100% Wood		
0200-B-4 Siding	903 25th Street North, BESSEMER AL-HOMOGENEOUS, FIBROUS, HON-FRIABLE,								100% Wood		
0200-3-5 Roofing	503 28th Street North, BESSEMER AL-HOSIOS-STEDUS, FIBROUS, NON- FRIABLE, BK: ShingipaTin							25	78% NFM - Shinglee Tin		
0200-B-6 sulation	803 28th Street North, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON- FRIABLE								NIA		

Upper detection limit: 100%. Lower detection limit: <1%.

Bulk samples will be stored for 30 days and will then be disposed of in an approved EPA landfill.

CHRY = Chrysotile CROC = Crocidalits

AC/TR = Actinolite/Tramplite

CELL = Cellulose MW = Mineral Wool

CROC - Crocidelite

AMOS - Amosite

FBGL = Fibrous Glacs

PC = Point Counted

Analysis of floor tile or any other resinously bound materials by polarized light microscopy (FLM) using EPA Method 600 / R-93 / 116 dated July 1993 may yield frier negative results because of method limitations in separating closely bound fibers from matrix material and in detecting fibers of small length and / or dismeter. When analysis of such materials by the EPA PLM Method yields negative results for the presence of asbectos we recommend utilizing alternative methods of identification such as Gravinetty, CRD or AEM.

Respectfully Submitted.

Jerry W. Dennis, President



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CITY OF BESSEMER REPORT #6

# 916 26th STREET NORTH, BESSEMER, AL

ANTPLE			AS	STO8		PER - NT OTHER MATERIAL					
NO.	DESCRIPTION / COLOR	CHRY	EOMA	CROC	AC/TR	FBQL	MW	CELL	OTHER		
0201-1 looning	916 28th Street North, BESSEMER AL <sub>1</sub> HOMOGENEOUS, FIBROUS, NON-FRIABLE		y. W 15 1 4:	olehkoa eu eri eu.	,		ne reference.	3 . 4 TANK	100% Wood		
19291-2 Celling	916 28th Street North, BESSEMER, AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE, Wood								100% Wood		
10201-3 Wells	\$16 26th Street North, BESSEMER AL-HOROGENSOUS, FIBROUS, NON-FRIABLE, Sheetrock							25	75% NFM		
10201-4 Biding	916 20th Street North, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE,								109% Wood		
0201-5 oofing	918 28th Street North, BERSEMER AL-HOMOGENEOUS, FIBROUS, NON- FRIABLE,							25	75% NFM		
0201-8 suistion	Shingles 916 20th Street North, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON- FRIABLE								None		

Upper detection Emit: 180%. Lower detection limit: <1%.
Built samples will be stored for 30 days and will then be disposed of in an approved EPA landfill.

CHRY - Chrysotile CROC - Crocidolite

AC/TR ~ Actinolite/Tremplite

CBLL - Celtuic3e MW - Mineral Wool PC - Point Counted

AMOS = Amorite

FBGL = Fibrous Glass

Analysis of floor tile or any other resinously bound materials by polarized light microscopy (PLM) using EPA Method 600 / R-93 / 116 dated July 1993 may yield false negative results because of method limitations in separating closely bound fibers from matrix material and in detecting fibers of small length and / or dismeter. When analysis of such materials by the EPA PLM Method yields negative results for the presence of asbestos we recommend utilizing alternative methods of identification

such as Gravimetry, CRD or AEM.

Respectfully Submitted,

Jerry W. Dennis, President



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CITY OF BESSEMER REPORT #7

928 8th AVENUE NORTH, BESSEMER, AL

SAMPLE			ASBE	5105 ***	*	PERCENT OTHER MANERIAL					
NO.	DESCRIPTION / COLOR	CHRY	ANOS	CROC	AC/TR	FBGL	MW	CELL	OTHER		
00202-1 Tooring	923 8° Avenue North, BESSEMER AL,HOMOGENEOUS, FIBROUS, NON-FRIABLE	**************************************		tana Milangan	· · · · · · · · · · · · · · · · · · ·				100% Wood		
0202-2 oliing	928 3th Average North, BESSEMER, AL-HOMOGENBOUS, FIBROUS, MON-FRIABLE, Wood/Sheetrack							25	Wood 78% NFM		
0202-3 Malia	928 5 <sup>th</sup> Avenue North, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE, Sheetrock/Mood							25	75% NFM Wood		
1202-4 iding	928 8th Avenue Morth, BESSEMER AL-HOMOGEREOUS, FIBROUS, NON-FRIABLE,				W.Y.				100% Wood		
9202-5 loffing	928 6" Avenue North, BERSEMER AL-HONOGENEOUS, FIBROUS, NON- FRIABLE, Shingles			1				25	78% NFM		
202-6 Julition	226 5th Avenue Mortis, BESSENER AL-HOLOGENEOUS, FIBROUS, NON-FRIABLE								WA		

Upper detection limit: 100%. Lower detection limit: <1%.

Bulk samples will be stored for 30 days and will then be disposed of in an approved EPA landfill.

CHRY = Chrysotile CROC = Crocidolite

AC/TR - Actinolite/Tremolite

CELL - Cellulose MW - Missoril Wool PC - Point Counted

AMOS = Amosite

FBGL = Fibrous Glass

Analysis of floor tile or any other resincusty bound materials by polarized light microscopy (FLM) using EPA Method 600 / R-93 / 116 dated July 1993 may yield false negative results because of such diministions in reperating closely bound fibers from matrix material and in detecting fibers of small length and / or diameter. When such as Gravimetry, CRD or AEM.

Respectfully Submitted.

Jerry W. Dennis, President



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CITY OF BESSEMER REPORT #8

1047 GLORIA DRIVE, BESSEMER, AL

BURNED

SAMPLE		2	····· ASBE	STOS ***			F	acon:	OTHER STATERAL
NO.	DESCRIPTION / SOLOR	GHRY	AUGO	CROC	АСЛТЯ	FEG.	MW	0.Q.J.	OTHER
200203-1 Flooring	1047 Gloris Drive, BESSENER AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE						9		100% Wood
200203-2 Celling	1847 Glorie Drive, BESSEMER, AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE, Wood/Sheetrock							25	Wood 76% NFM
200203-3 Walte	1047 Gloria Driva, BESSEMER AL-HOMOGROFEOUS, FIBRIOUS, NOM- FRUARLE, Sheetrock							25	78% NFM
8kling	1947 Gloria Drive, BESSEMER AL HOMOGENE ONS, FIBROUS, NON-FRIABLE.	Mary Co.							Bitch - not facted
80103-6 Roofing	1047 Gloria Drive, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE, Shingles						e 1	25	75% NFM
00203-6 mulation	1047 Glode Drive, IGGSETTER ALACADOSE (EQUE), FIBROSE, MON-PRIABLE					по			20% NFM

Upper detection finite 180%, Lower detection flood: «1%,

Bulk marpies will be stored for 30 days and will then be disposed of in an approved EPA landfill.

CHRY - Chrynotile

CROC - Crocidolite

AMOS = Amorito

AC/FR = Activalite/Translite

PBGL = Fibrous Glass

CHL = Californ MW = Milecust Woods PC = Possi Coursed

Analysis of floor tile or any other realmountly bound materials by polarized tight enterenopy (PLM) using EPA Method 600 / R-93 / 116 detecting the payer tile date analysis of such materials and in detecting them of small length and / or dismater. When analysis of such materials by the IPA PLM Method yields regardes results for the presence of asterior we remove end dising alternative residues of identification.

Respectfully Submitted,

Acrry W. Dennis, President



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# CITY OF BESSEMER REPORT #9

2103 9th AVENUE NORTH , BESSEMER, AL

BURNED

SAMPLE			Mars ASSE	NOS -	3		1	RUCAT	Deed Material
NO.	DESCRIPTION / GOLOR	CHRY	AMOS	CROC	AC/TR	FROL	MANY	CELL	Other
200284-1 Flooring	2103 P Avenue North, SE REMERIAL-, HOMOGENEOUS, RUROUS, NOR-PRAINLE		1					a a hair was and week Too	100% 110000
200204-2 Celling	2103 9th Avenue Month, BESSEMER, AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE, Wood								Wood
200204-3 Walls	2103 9th Avenue North, BEBSEMER AL-HOMOGENEOUS, FIBROUS, NON- FREABLE, Wood					: •			Wood
200204-6 Biding	2103 P <sup>A</sup> Avenue North, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE,								100% Wood
200204-5 Roofing	2103 3 <sup>th</sup> Avenue North, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE, Shingles							26	76% HFM
100204-6 neuladors	2193 F America Borth, BERUSEP AL HOUSENEGUES, FIBROUR, NON-FRIABLE	₹ :					- 1		White Burned

Upper detection limit: 100%, Lower detection limit: <1%,

Bulk samples will be stored for 30 days and will then be dispused of in an approved EPA landfill.

CHAN = Chranic CROC = Crockello ANDS = Armin

AC/TR = Action/lie/Temachine

FBGL - Fibroin Glas

GBLL = Calbdone MW = Misseal Wood PC = Point Counted

Analysis of floor tile or any other resinously bound materials by polarized light microscopy (PLM) using SPA Method 500 / 8-93 / 316 dated 5ety 1922 only yield faire treative could become of method findestres in repeating closely bound fibers from matrix material and in determing fibers of mail larger and / or disposes. When such as Convincing to the EPA PLM Method yields negative results for the presence of substates we restrained utilizing attentions to take the presence of substates we restrained utilizing attentions to take the presence of substates we restrained utilizing attentions to take the presence of substates we restrained utilizing attentions to take the presence of substates and for the presence of substates and the presence of subs

Compactively Submitted.

Jerry W. Dennis, President



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# CITY OF BESSEMER REPORT #10

2400 6th AVENUE NORTH, BESSEMER, AL

AMPLE		-	A	\$106 ···		PECST OFFERING					
NO.	DESCRIPTION / COLOR	CHRY	AMOS	CROC	AC/TR	FBGL		CELL	OTHER		
0205-1 cering	2400 (*** Avenue North, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE Lincleum					್ಷವ ಈ ಉಪ್ಪರ್ಚಿಯ ಎಂಬಲ್		7	Wood 93% NFM		
0205-2 elling	2400 6 <sup>th</sup> Avenue North, BESSEMER, AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE, Wood/Sheetrock							25	Wood 78% NFM		
0205-3 Valls	2400 6th Avenue North, BESSENER AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE, Wood/Sheetrock				į			26	Wood 75% NFM		
1205-4 Iding	2400 6" Avenue North, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE,		g g	4 1 1 1				16	88% NFM		
205-5 ofing	2400 6th Avenue North, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON- FRIABLE, Shingles							)	100% NFM		
205-e dation	2400 6th Avenue North, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE	-			A			8	96%		

Upper detection limit: 180%. Lower detection limit: <1%.95%
Bulk samples will be stored for 30 days and will then be disposed of in an approved EPA landful.

CHRY - Chrysotile CROC - Crocidolite AMOS - Amosite

AC/TR = Actinolite/Tramolite

CRLL, = Celtulose MW = Mineral Wool PC = Point Counted

FBGL = Fibrous Glass

Analysis of floor tile or any other resinously bound materials by polarized light microscopy (PLM) using EPA Method 600 / R-93 / 116 dated July 1993 may yield false negative results because of method limitations in separating closely bound fibers from matrix material and in detecting fibers of small length and / or diameter. When such as Gravimenty, CRD or AEM.

Respectfully Submitted,

Jerry W. Dennis, President



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# CITY OF BESSEMER REPORT #11

2402 6th AVENUE NORTH, BESSEMER, AL

BAMPLE		-	ASBE	STOS	•		71	Nel Sur	HIR ALL
NO.	DESCRIPTION / COLOR	CHRY	AMOS	CROC	AC/TR	FBGL	Liv	CELL	OTHER
00208-1 looring	2402 : Avenue North, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON-FRABLE Lincleum				Service Co. Street Edward Co.	The second secon		7	Wood 93% NFM
0206-2 Celling	2402 6th Avenue North, BESSEMER, AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE, Wood/Shestrock						: : : :	25	Wood 76% NFM
00208-3 Walio	2402 6th Avenue North, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE, Wood/Sheetrock				A			25	Wood 78% NFM
00206-4 Siding	2402 6th Avenue North, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE,		1	) ) !			ţ	15	85% NFM
19296-6 oofing	2402 6 <sup>th</sup> Avenue North, 8E88EMER AL-HOMOGENEOUS, FEROUS, NON- FRIABLE,	4							100% NFM
9208-6 mistion	Shingles  2402 6th Avenue North, BESSENER AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE				and the second s			6	95% NFM

Upper detection limit: 180%. Lower detection limit: <1%.

Bulk samples will be stored for 30 days and will then be disposed of in an approved EPA landfill,

CHRY = Chryaotile CROC = Crossidolite

AC/TR = Actinolite/Tremolite

CELL = Cellulose
MW = Mineral Wool
PC = Point Counted

AMOS = Amosite

FBGL = Fibrous Glass

Analysis of floor tile or any other resimously bound materials by polarized light release-opy (PLM) using EPA Method 600 / R-93 / 116 dated July 1993 may yield false negative results because of method limitations in separating closely bound fibers from material and in detecting fibers of small length and / or dismeter. When analysis of such materials by the EPA PLM Method yields negative results for the presence of asbestos we recommend utilizing alternative methods of identification such as Gravinstry, CRD or AHM.

Respectfully Submitted.

Jerry W. Dennis, President



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CITY OF BESSEMER REPORT #12

3106 GRANDVILLE AVE , BESSEMER, AL

BAMPLE			ASSE	STOS ****	,	PERSON OTHER SAVERED.					
NO.	DESCRIPTION / COLOR	CHRY	AMOS	CROC	AC/TR	FBGL	MW	CELL	OTHER		
100207-1 100ring	3108 Grandville Ave, BESSENER AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE Carpet		7		and the same with the		, (c.a. : e.a.)	25	Wood 75% NFM		
00207-2 Celling	3106 Grandville Ave, BESSEMER, AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE, Wood								100% Wood		
00207-3 WeGe	3106 Grandville Ave, BESSEMER AL-HOMOGEAEOUS, FIBROUS, NON- FRIABLE, Wood								100% Wood		
00207-4 Blding	3104 Grandvillo Ave, BESSEMER AL-HOMOGENEOUS, FIBROUS, MON-FRIABLE,								100% Wood		
00207-5 loofing	3106 Grandville Ave, BESSEMER AL-HOMOGENSOUS, FIBROUS, NON-FRIABLE, Shinsles Wood							28	78% NFBR Wood		
0207-6 Bulation	3106 Grandville Ave, BESSEMER AL-HOMOGEREOUS, FIBROUS, NON-FRIABLE			見					N/A		

Upper detection limit: 189%. Lower detection limit: <1%.
Bulk samples will be stored for 30 days and will then be disposed of in an approved EPA landfill.

CHRY = Chrysotile CROC = Crocidolite AMOS = Amosite

AC/TR = Actinolite/Tremolite

FBGL = Fibrous Glass

CELL - Celluloca MW - Mineral Wool PC - Point Counted

Analysis of floor tile or say other resinously bound meterials by polarized light microscopy (PLM) using EPA Method 600 / R-93 / 116 dated July 1993 may yield false negative results because of method limitations in separating closely bound fibers from matrix material and in detecting fibers of small length and / or diameter. When analysis of such materials by the EPA PLM Method yields negative results for the presence of asbestos we recommend utilizing alternative methods of identification such as Gravimenty, CRD or AEM.

Respectfully Submitted,

Jerry W. Dennis, President



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CITY OF BESSEMER REPORT #13

3115 7th AVENUE NORTH, BESSEMER, AL

SAMPLE			ASUE	STOS ***		PERCENT OTHER MATERIAL					
NO.	DESCRIPTION / COLOR	CHRY	AMOS	CROC	AC/TR	FBGL	MW	CELL	OTHER		
200208-f Flooring	3115 7 <sup>th</sup> Averue North, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE			A.V. Carrier and A.V.				The terminal and	100% Wood		
80208-2 Celling	3115 7 <sup>th</sup> Averue North, BESSEMER, AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE, Wood/Shentrock	,					* : : / 1	26	Wood 78% NFM		
00208-3 Walls	3115 7th Avenue North, BESSEMER AL-HOSIOGENEOUS, FIBROUS, NON- FRIABLE, Wood/Sheetrock							25	Wood 78% NFM		
00203-4 Elding	3116 7th Avenue North, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE, Vinyl		i.						Wood Viny! — Not tested		
00208-8 100/ING	3115 7th Avenue North BESSEMER AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE, Shingles							26	76% NFM		
0208-6 Fulction	3115 7th Avenue North, BERSEMER AL-HOMOGENEOUS, FIBROUS, NON-FRABLE							ž	N/A		

Upper detection limit: 100%. Lower detection limit; <1%.
Bulk camples will be stored for 30 days and will then be disposed of it as approved EPA landfill.

CHRY = Chrysotile CROC = Crocidolite

AC/TR = Actinolite/Trampolite

CELL = Cellulose
MW = Misseral Wool
PC = Point Counted

AMOS = Amosite

FBGL = Fibrous Glass

Analysis of floor tile or any other resinously bound meterials by polarized light microscopy (PLM) using EPA Method 600 / R-93 / 116 dated July 1993 may yield false negative results because of method limitations in separating closely bound fibers from matrix unsterial and in detecting fibers of small length and / or diameter. When such as Gravinsetry, CRD or ABM.

Respectfully Submitted,

Jerry W. Dennis, President



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CITY OF BESSEMER REPORT #14

3030 6th AVENUE NORTH, BESSEMER, AL

AMPLE		1	ASB	STOS	14		P	RCE	OTHER MATERIAL	
NO.	DESCRIPTION / COLOR	CHRY	AMOS	CROC	AC/TR	FBGL	HW	CELL	OTHER	
1020 <b>0-1</b> Coring	3030 Avenue North, SESSEMER AL-, HOMOGENEOUS, FIBROUS, NON-FRIABLE Wood/Carpet	igi un temperatura				Normal towns in some Buy	o dan Maria	18	Wood CS% NGFM	
0209-2 celling	3030 6th Avenue North, BESSEMER, AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE, Wood/Shestrock	· versus			i.			25	Wood 75% NFM	
0209-3 Nalis	3630 5 <sup>th</sup> Avenue North, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON-FRABLE, Wood/Sheetrock							25	Wood 78% NFM	
0209-4 iding	3030 6th Avenue North, BESSELIER AL-HOMOGENEOUS, FIBROUS, NON-FRIABLE, Viny!								Wood Vinyl — Not tested	
0209-5 pofing	3030 6" Avenue Korth BESSEMER AL-HOHIOGENEOUS, FIBROUS, NON- FRIABLE, Shingles							25	75% NFM	
1208-5 ulation	3030 6" Avenue Mortin, BESSEMER AL-HOMOGENEOUS, FIBROUS, NON- FRIABLE					i.			MA	

Upper detection limit: 100%. Lower detection limit: <1%.

Bulk samples will be stored for 30 days and will then be disposed of in an approved EPA landfill.

CHRY = Chrysotile CROC = Crocidolite

AC/TR = Astinolity/Transolits

CELL = Cellulose
MW = Mineral Wool
PC = Point Counted

AMOS = Amosite

FBGL = Pibrous Glass

Analysis of floor tile or say other resinously bound materials by polarized light microscopy (PLM) using EPA Method 600 / R-93 / 116 dated July 1993 may yield false negative results because of method limitations in reparating closely bound fibers from matrix material and in detecting fibers of small length and / or diameter. When analysis of such materials by the EPA PLM Method yields negative results for the prezence of subsets we recommend utilizing alternative methods of identification such as Gravimetry, CRD or AEM.

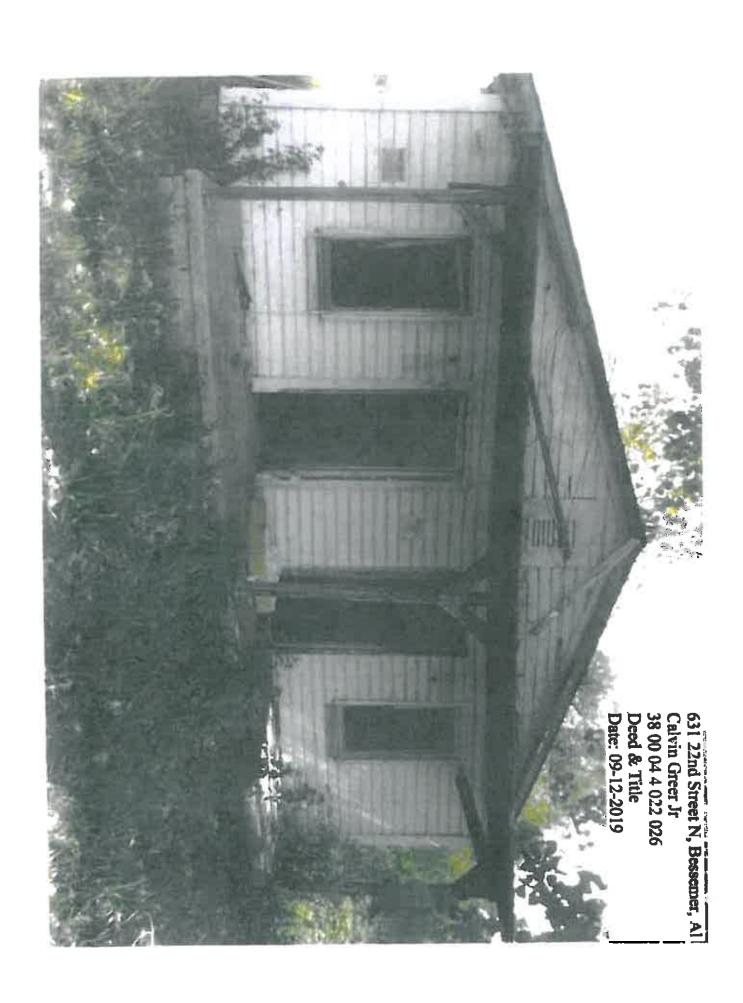
Respectfully Submitted.

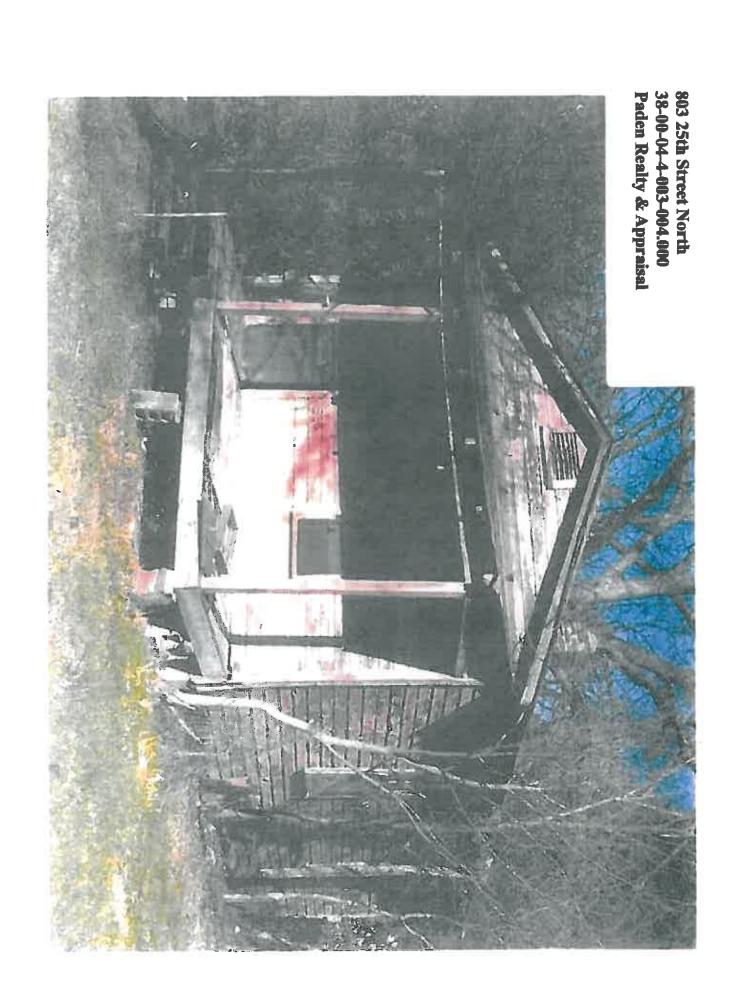
Jerry W. Dennis, President







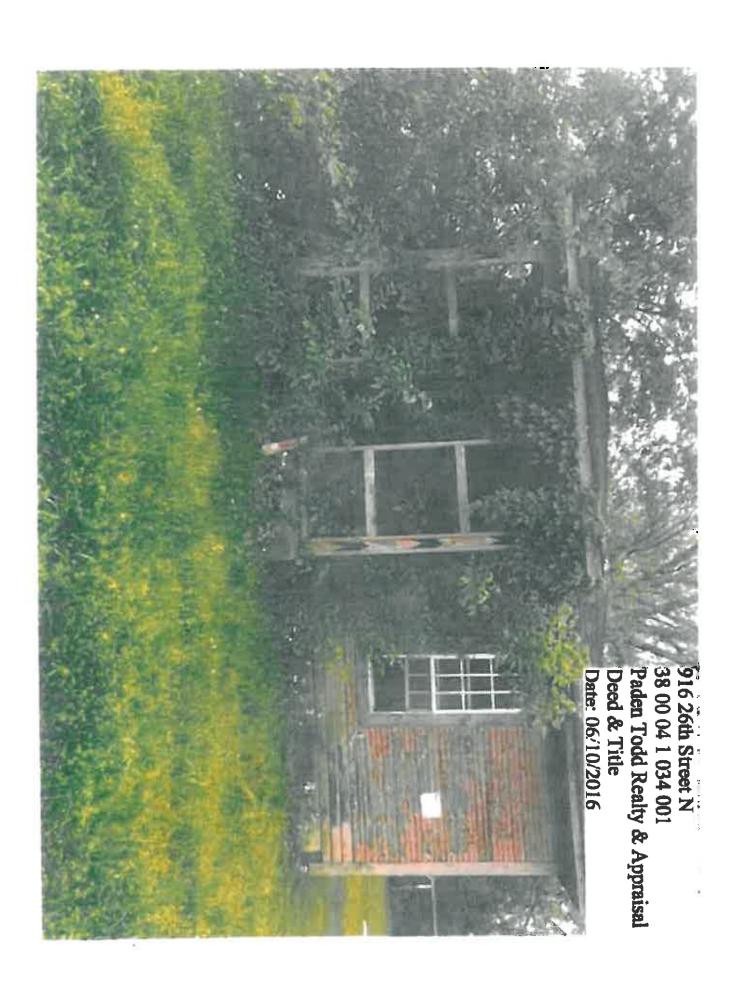


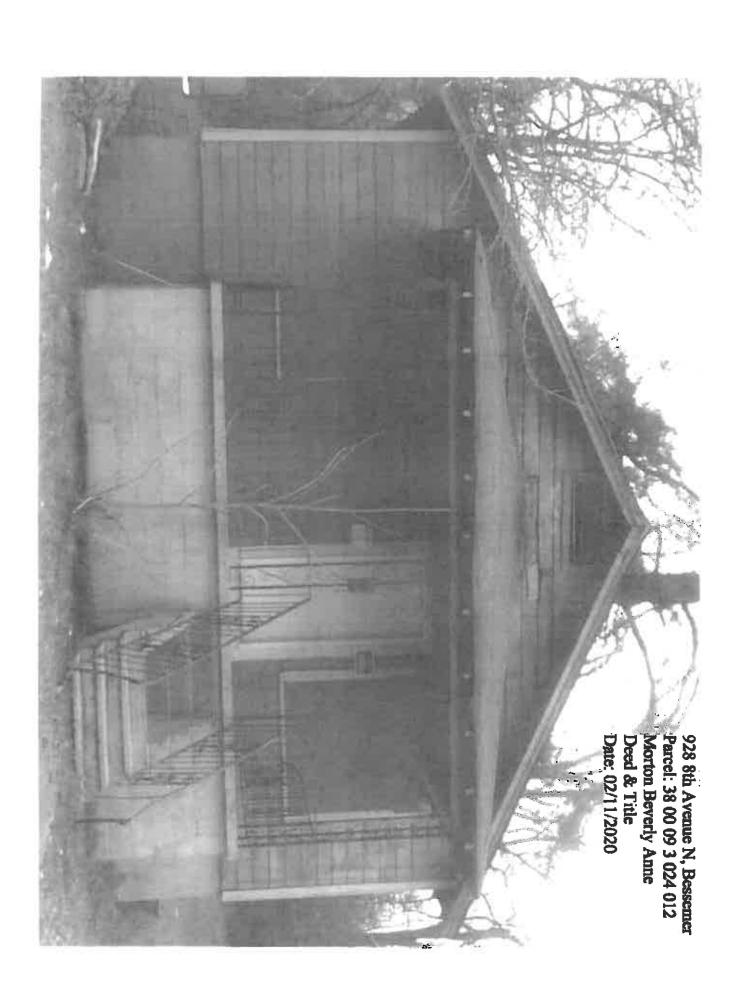


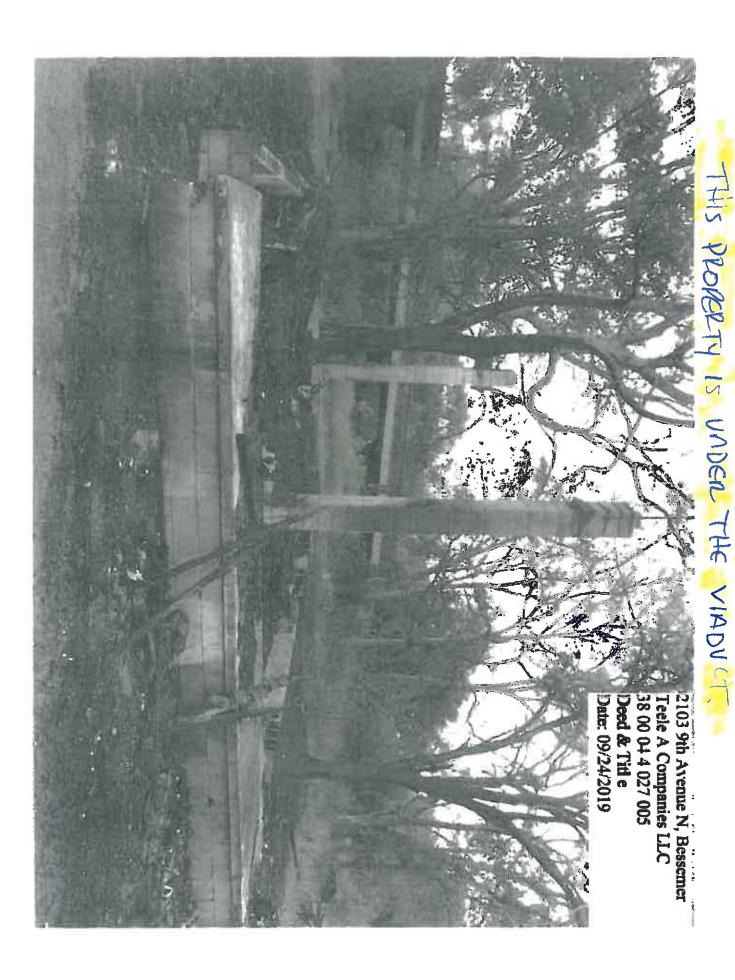
# STRUCTURES ON SMARE PANCEL - TEST BOTH.



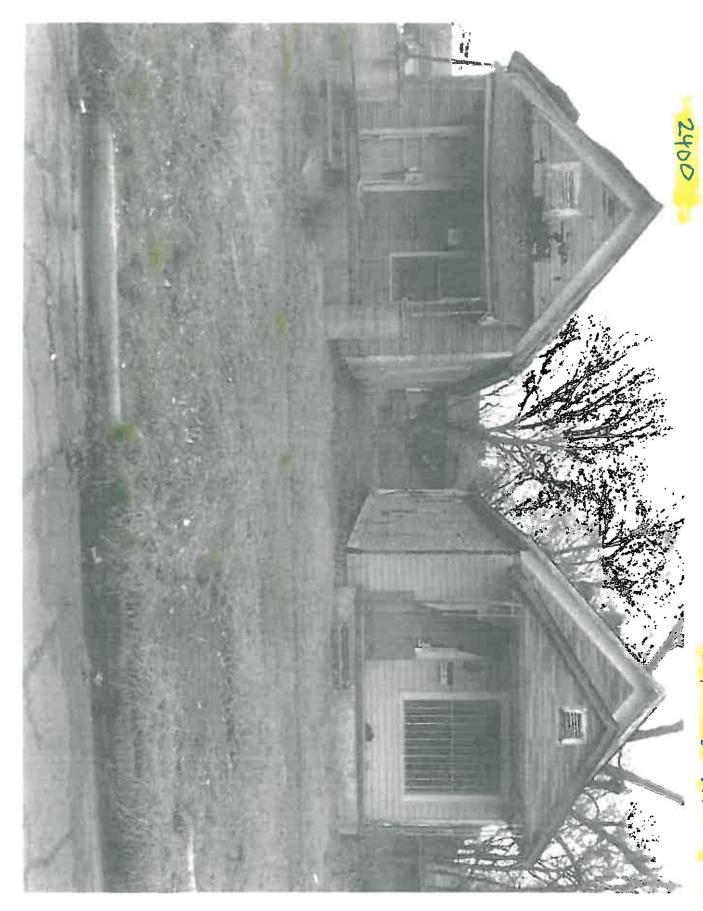
2 structures on same parcel - TEST Both













2402 64 Arena North



