

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION
AND DEVELOPMENT

LETTER BID
PROPOSAL

STATE PROJECT NO. 455-09-0025 (H.003495) (PART 4)
(Contract No. 21)
FEDERAL AID PROJECT NO. 0906(517)
I-49 NORTH (I-220 TO MARTIN LUTHER KING DRIVE)
DEMOLITION OF BUILDINGS
CADDO PARISH

NOTICE

DEMOLITION OF STATE-OWNED BUILDINGS AND APPURTENANCES "WHERE IS - AS IS"

Sealed letter bids for the demolition of State-owned buildings and appurtenances will be received by the Louisiana Department of Transportation and Development, Real Estate Section, 1201 Capitol Access Road, Baton Rouge, Louisiana 70802 until 4:15 P.M. on Wednesday, July 17, 2013, after which bids will be received in the Louisiana Department of Transportation and Development Auditorium, 1201 Capitol Access Road, Baton Rouge, Louisiana, from 9:00 A.M. until 10:00 A.M. on Thursday, July 18, 2013, at which time and place bids will be publicly opened and read. No bids will be received after 10:00 A.M.

STATE PROJECT NO. 455-09-0025 (H.003495) (PART 4) (Contract No. 21)
FEDERAL AID PROJECT NO.0906(517)
DEMOLITION OF BUILDINGS AND APPURTENANCES, Item 18-6: 1200 Sq. Ft. Wood Framed
Brick Veneer Residence.
PERFORMANCE GUARANTY: \$1,200.00

DISTRICT PROPERTY MANAGER: Debra Milstead, 3339 Industrial Drive, Bossier City, Louisiana
71112, (318) 549-8455

Bids must be submitted on forms provided by the Department. Bid forms may be obtained upon request from 1201 Capitol Access Road, Baton Rouge, Louisiana 70802, Phone 225-242-4593. Bid forms may also be downloaded from the Department's Real Estate web site FOR VIEWING ONLY at, http://www.dotd.state.la.us/highways/project_devel/realestate/realestate.asp. Written requests for bid forms should be sent to Louisiana Department of Transportation and Development, Real Estate Section, 1201 Capitol Access Road, Baton Rouge, Louisiana 70802. Bids should be mailed to Louisiana Department of Transportation and Development, Real Estate Section, 1201 Capitol Access Road, Baton Rouge, Louisiana 70802.

The Performance Guaranty shall be enclosed with the bid. Bid forms must be accompanied by a properly completed W-9 form, which is necessary for the refund of the Performance Guaranty.

Buildings offered for sale may be occupied, locked or boarded up. The buildings may be inspected by prospective bidders by appointment only between the hours of 8:00 A.M. and 4:00 P.M., Monday through Friday, by contacting the District Property Manager or his authorized representative.

The right is reserved to reject bids and waive informalities.

SECRETARY, DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

LOUISIANA DEPARTMENT OF
TRANSPORTATION AND DEVELOPMENT

INSTRUCTIONS TO BIDDERS
DEMOLITION OF BUILDINGS

SUBMITTAL OF BIDS: Bids must be submitted on the form provided herein and the bid prices shall be written in ink. The proposal and Contract must also be signed in ink. The bidder must also execute his portion of the enclosed Contract and have his signature witnessed by two witnesses. The portions of the Contract which must be completed by the bidder are shown on the enclosed sample. Failure of the bidder to submit the Contract properly executed along with his/her bid will be cause for rejection of his/her bid. The Department will execute its portion of the contract and date it immediately after determination of the successful bidder. The proposal, performance guaranty, Contract and other information specified in the proposal shall be submitted in a sealed envelope so marked as to indicate its contents without being opened. This envelope shall be placed in another which shall be sealed, addressed and delivered to the Louisiana Department of Transportation and Development, Baton Rouge, Louisiana, before the time specified for opening bids. Bids received after the time specified will be returned to the bidder unopened. If the bidder desires to change a bid price before the time specified for opening bids, he may do so by striking through the original bid price, writing the new bid price in ink and initialing.

PERFORMANCE GUARANTY: The performance guaranty must be enclosed with the bid; must be in the amount specified in the "Notice" elsewhere herein; and must be made payable to the Louisiana Department of Transportation and Development.

The performance guaranty shall be a bond, certified check, official check, cashier's check, postal money order or bank money order. If the performance guaranty is a bond, it shall be similar to the bond form elsewhere herein and shall be guaranteed by a surety company authorized to do business in Louisiana.

Performance guaranties, except those of successful bidders, will be returned to bidders after determination of successful bidders. Bid forms must be accompanied by a properly completed W-9 form, which is necessary for the refund of the performance guaranty.

All costs for furnishing performance guaranties shall be borne by the bidder.

REJECTION OF BIDS: Proposals submitted without the Performance Guaranty will be rejected. Proposals submitted with incomplete bids, additions not called for, or conditional or alternate bids not called for, or without the proper signatures will also be rejected.

LOUISIANA DEPARTMENT OF
TRANSPORTATION AND DEVELOPMENT

CONDITIONS OF DEMOLITION

APPURTENANCES: "Appurtenance" shall be defined as: That which belongs to something else; something annexed to another thing more worthy as principal, and incident to it, such as outbuildings.

AWARD OF CONTRACT: The award of Contract, if awarded, will be made to lowest responsible bidder on the total bid for all parcels immediately after determination of the successful bidder.

LAWS TO BE OBSERVED: The contractor shall comply with all Federal, State and local laws, ordinances and regulations affecting the removal of the buildings and appurtenances, and shall indemnify the Department and its representatives against any claim or liability arising from violation of any such law, ordinance or regulation.

It is the contractor's responsibility to determine if asbestos material is present in the buildings to be demolished. If asbestos material is present the contractor must handle the removal and disposal of it in accordance with applicable State and Federal regulations.

Liquefied petroleum gas tanks and systems shall be removed in accordance with rules and regulations of the Liquefied Petroleum Gas Commission, Old State Capitol Building, Baton Rouge, Louisiana.

SANITARY PROVISIONS: The contractor shall observe rules and regulations of the State Board of Health and of all local health officials, and shall take all necessary precautions to avoid unhealthy conditions.

PERMITS AND LICENSES: The contractor shall procure all permits and licenses, pay all charges and fees, and give all notices necessary to lawful removal of the buildings and appurtenances.

RESPONSIBILITY FOR DAMAGE CLAIMS: The contractor shall indemnify the Department and its representatives against all claims arising from injuries to persons or damages to property due to neglect by the contractor.

PRESERVATION AND RESTORATION OF PROPERTY, TREES, MONUMENTS, ETC.: The contractor shall be responsible for preservation of public and private property, trees, shrubs, monuments, etc., adjacent to the right of way on which the buildings and appurtenances are located and shall take every precaution to prevent damage thereto. Land monuments, property markers and right of way markers shall not be removed by the contractor without proper authority.

The contractor shall be responsible for damage done to public or private property due to any act, omission, neglect or misconduct in the execution of the work, or defective work or material, and shall restore, at his expense, such property to a condition similar or equal to that existing before damage was done by repairing, rebuilding or otherwise restoring same, or shall make good such damage in an acceptable manner.

DEMOLITION: Demolition shall not begin until the contractor has been notified in writing by the Department of the date on which he may begin removal operations, from which date the contractor shall have sixty (60) calendar days to complete the removal and cleaning of the area, unless an extension of time is granted in writing by the Department.

All removal activities shall be coordinated with Department's roadway contractor if project contract has been awarded.

If buildings are not removed within the time specified, or extension thereof, the contractor, at the option of the Department, may be placed in default upon written notice by the Department. The contractor may also be placed in default for performing his removal operations in a manner considered detrimental to, or reflecting discredit upon, the Department, or tending to create bad public relations.

In the event of default by the contractor, the Contract shall become void, except that any removal work partially performed by the contractor at the time of notice of default may be compensated for in an amount considered by the Department to be commensurate with the work performed, it being understood that such partial payment will be made at the option of, and in an amount determined by, the Department. In the event of the contractor being placed in default, the performance guaranty shall become subject to forfeiture to the Department, and the contractor will be ineligible for bidding on future projects.

Each building and appurtenance shall be removed to ground level. **CONCRETE SLABS AND FOUNDATION MATERIAL BELOW GROUND LEVEL SHALL ALSO BE COMPLETELY REMOVED BY THE CONTRACTOR, AND ANY RESULTING DEPRESSION IN THE GROUND SHALL BE FILLED WITH DIRT SO AS TO BE LEVEL WITH THE SURROUNDING TERRAIN.**

Removal shall include piping, wiring, plumbing and other accessories above and below ground which are attached to or are part of a building, shed, garage, outhouse and other appurtenance; however, removal of fences and shrubs shall be optional with the contractor. The contractor shall also remove and dispose of all trash, debris, house piers, steps, broken concrete, bricks and other materials that would interfere with grass cutting operations, and shall mow each lot.

PAYMENT: Upon satisfactory removal of buildings and appurtenances as designated in the "Bid Schedule" and acceptance of the sites by the Department, the Department shall pay the contractor the total bid amount and immediately return the performance guaranty to him/her.

DEMOLITION OF BUILDINGS
STATE PROJECT NO. 455-09-0025 (H.003495) (PART 4) (Contract No. 21)

PHOTOGRAPHS AND DESCRIPTIONS



Parcel No. 18-6
Address: 2706 North Hill, Shreveport, LA 71107
Description: 1200 Sq. Ft. Wood Framed Brick
Veneer Residence

DEMOLITION OF BUILDINGS
STATE PROJECT NO. 455-09-0025 (H.003495) (PART 4) (Contract No. 21)

BID SCHEDULE

DEMOLITION AND/OR REMOVAL OF STATE-OWNED BUILDINGS AND APPURTENANCES
"WHERE IS - AS IS" LOCATED WITHIN THE RIGHT-OF-WAY LIMITS OF THE I-49 NORTH (I-220 TO
MARTIN LUTHER KING DRIVE)

PARCEL NO.	ADDRESS	BID AMOUNT
18-6	2706 North Hill, Shreveport, LA 71107	\$

TOTAL BID FOR DEMOLITION OF THE ABOVE LISTED BUILDINGS AND APPURTENANCES -----
-----\$_____

NOTE: The buildings to be demolished shall be numbered by the Department and the number shown on each building shall correspond to the respective parcel number as shown in the "Bid Schedule" of the proposal.

FOR EXAMPLE: The buildings to be demolished under Parcel No. 18-6 shall be numbered 18-6 on the premises.

PROPOSAL

DEMOLITION OF BUILDINGS

STATE PROJECT NO. 455-09-0025 (H.003495) (PART 4) (Contract No. 21)

FEDERAL AID PROJECT NO.0906(517)

DEMOLITION OF STATE-OWNED BUILDINGS AND APPURTENANCES LOCATED WITHIN THE
RIGHT-OF-WAY LIMITS OF THE I-49 NORTH (I-220 TO MARTIN LUTHER KING DRIVE)

CADD0 PARISH

ROUTE I-49

Department of Transportation and Development
Baton Rouge, Louisiana

The undersigned offers to demolish for cash payment the state-owned buildings and appurtenances at the price bid for each parcel in the "Bid Schedule" attached hereto.

The undersigned certifies that he/she has examined the buildings and appurtenances offered for sale and has satisfied himself/herself as to their condition, and conditions to be encountered in removing said buildings and appurtenances.

The undersigned further certifies that he/she has examined the "Conditions of Demolition" attached hereto and agrees to abide by said conditions.

BIDDER'S NAME _____
(Please Print)

STREET ADDRESS _____

P.O. BOX _____ TELEPHONE _____

CITY _____ STATE _____ ZIP _____

SIGNATURE OF BIDDER _____

DATE _____

SOCIAL SECURITY NO. _____

TAX ID NO. (If applicable) _____

LOUISIANA DEPARTMENT OF
TRANSPORTATION AND DEVELOPMENT

PERFORMANCE BOND
DEMOLITION OF BUILDINGS

as Principal, and _____

a surety company authorized to do business in Louisiana, as Surety, are bound, in solido, unto the Department of Transportation and Development and unto all subcontractors, workmen, laborers, mechanics, and furnishers of materials and equipment, in the sum of

_____ DOLLARS (\$_____),

payable in lawful money of the United States, and to this bond do obligate their heirs, successors and assigns.

The condition of this bond is such, that if the Principal performs the work as described in the proposal made and entered into on this

_____ day of _____, 20_____, to complete

STATE PROJECT NO. 455-09-0025 (H.003495) (PART 4) (Contract No. 21)

entitled "DEMOLITION OF BUILDINGS"

Route No. Route I-49, Caddo Parish

according to the stipulations in said proposal; pays all sums due on materials and supplies used and wage earned by workmen employed on the work; abides by the terms in said proposal at the time and in the manner and form specified; performs all labor and work; and furnishes all materials specified in said proposal in accordance with the terms of said proposal; this obligation shall be void; otherwise to remain in effect.

It is agreed by the parties to this Bond that the same is given in accordance with Louisiana Revised Statutes of 1950, Title 38, Chapter 10, Sections 2241 to 2248 inclusive.

In faith whereof, we have subscribed this obligation at Baton Rouge, Louisiana.

WITNESS OUR HANDS AND SEALS, this _____ day of

_____, 20_____.

WITNESSES

PRINCIPAL

By_____

Typed or Printed Name

Surety

By_____

Attorney-in-Fact

Typed or Printed Name

I certify that I am, as of the date of this bond, a licensed Resident Agent of Louisiana in good standing with the Louisiana Insurance Commission and authorized to Countersign this bond on behalf of the surety identified herein.

By_____

Typed or Printed Name

Name of Agency

Address

DEMOLITION OF BUILDINGS
STATE PROJECT NO. 455-09-0025 (H.003495) (PART 4) (Contract No. 21)

CONTRACT

This agreement is executed on this _____ day of _____, 20 _____,
between the Department of Transportation and Development, acting through the Real Estate Administrator,
Party of the First Part, hereinafter designated as "Department", and

_____, domiciled and doing business in
_____, Party of the Second Part, hereinafter designated as
"Contractor".

In consideration of the agreements herein contained, to be performed by the parties hereto and of the payments hereinafter agreed to be made, it is mutually agreed as follows:

The Contractor shall furnish all materials, equipment and labor and perform the required work, consisting of demolishing buildings as described on the Photographs and Descriptions sheet, in a thorough and workmanlike manner to the satisfaction of the Real Estate Administrator in accordance with the proposal filed with the Department dated _____, said proposal is made a part hereof as fully as if set out herein and hereby becomes a part of this Contract.

All removal activities shall be coordinated with Department's roadway contractor if project contract has been awarded.

The Contractor agrees to accept and the Department agrees to pay for the work at the price stipulated in said Proposal in lawful money of the United States at the time and in the manner set forth in the Conditions of Demolition.

Performance will begin on the date stipulated that the parcel will be vacated or as directed in writing by the District Property Manager. If a parcel is vacated by the occupant prior to the specified date the Contractor may request and the District Property Manager may authorize the Contractor to begin work on that parcel. In no event will the Contractor begin work prior to the occupant vacating the premises and all personal belongings of the occupant being removed. All work required in connection with the demolition will be completed within the time limit specified in the proposal subject to such extensions as may be authorized.

DEMOLITION OF BUILDINGS
STATE PROJECT NO. 455-09-0025 (H.003495) (PART 4) (Contract No. 21)

Total cost of Parcel No(s). _____ is _____
_____ DOLLARS (\$_____).

This contract shall become effective on the date that it is signed by the Real Estate Administrator.

In witness whereof, the Contractor and the Real Estate Administrator have hereunto subscribed their names.

WITNESSES

Contractor

State of Louisiana
Department of
Transportation and Development

By _____
Real Estate Administrator

SAMPLE

DEMOLITION OF BUILDINGS

STATE PROJECT NO. 455-09-0025 (H.003495) (PART 4) (Contract No. 21)

CONTRACT

This agreement is executed on this _____ day of _____, 20____, between the Department of Transportation and Development, acting through the Real Estate Administrator, Party of the First Part, hereinafter designated as "Department", and

(Name of Contractor), domiciled and doing business in _____
(City, State), Party of the Second Part, hereinafter designated as "Contractor".

In consideration of the agreements herein contained, to be performed by the parties hereto and of the payments hereinafter agreed to be made, it is mutually agreed as follows:

The Contractor shall furnish all materials, equipment and labor and perform the required work, consisting of demolishing buildings identified as described on the Photographs and Descriptions sheet, in a thorough and workmanlike manner to the satisfaction of the Real Estate Administrator in accordance with the proposal filed with the Department dated_____, said proposal is made a part hereof as fully as if set out herein and hereby becomes a part of this Contract.

All removal activities shall be coordinated with Department's roadway contractor if project contract has been awarded.

The Contractor agrees to accept and the Department agrees to pay for the work at the price stipulated in said Proposal in lawful money of the United States at the time and in the manner set forth in the Conditions of Demolition.

Performance will begin on the date stipulated that the parcel will be vacated or as directed in writing by the District Property Manager. If a parcel is vacated by the occupant prior to the specified date the Contractor may request and the District Property Manager may authorize the Contractor to begin work on Property Manager may authorize the Contractor to begin work on that parcel. In no event will the Contractor begin work prior to the occupant vacating the premises and all personal belongings of the occupant being removed. All work required in connection with the sale will be completed within the time limit specified in the proposal subject to such extensions as may be authorized.

SAMPLE

DEMOLITION OF BUILDINGS

STATE PROJECT NO. 455-09-0025 (H.003495) (PART 4) (Contract No. 21)

Total cost of Parcel No(s). _____ is **(Bid price in words and numbers-- Example: TWO THOUSAND ONE HUNDRED ONE AND 50/100 DOLLARS (\$2,101.50)).**

This contract shall become effective on the date that it is signed by the Real Estate Administrator.

In witness whereof, the Contractor and the Real Estate Administrator have hereunto subscribed their names.

WITNESSES

(Signature)

(Signature)
Contractor

(Signature)

State of Louisiana
Department of
Transportation and Development

By _____
Real Estate Administrator



DID YOU REMEMBER TO ENCLOSE. . .

1. Bid Schedule?
2. Proposal?
3. Performance Guaranty? (** IN ONE OF THE FORMS STATED)
4. Contract?
5. Completed W-9 form?

Request for Taxpayer Identification Number and Certification

Give Form to the
requester. Do not
send to the IRS.

Print or type See Specific Instructions on page 2.	Name (as shown on your income tax return)	
	Business name/disregarded entity name, if different from above	
	Check appropriate box for federal tax classification (required): <input type="checkbox"/> Individual/sole proprietor <input type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ _____ <input type="checkbox"/> Other (see instructions) ▶ _____	<input type="checkbox"/> Exempt payee
	Address (number, street, and apt. or suite no.)	Requester's name and address (optional)
	City, state, and ZIP code	
List account number(s) here (optional)		

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on the "Name" line to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

Social security number									
			-				-		

Employer identification number									
			-						

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
3. I am a U.S. citizen or other U.S. person (defined below).

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 4.

Sign Here	Signature of U.S. person ▶	Date ▶

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Purpose of Form

A person who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income.

Note. If a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States,
- An estate (other than a foreign estate), or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax on any foreign partners' share of income from such business. Further, in certain cases where a Form W-9 has not been received, a partnership is required to presume that a partner is a foreign person, and pay the withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid withholding on your share of partnership income.

Asbestos Survey Report

I-49 Segment K – I-220 to Martin Luther King Jr. Drive

SPN: 455-09-0025, Parcel 18-6, Structure A

Louisiana Department of Transportation and Development

Shreveport, Caddo Parish, Louisiana

November 16, 2012

Terracon Project No. EH127077.3



Prepared for:

Volkert, Inc.

Shreveport, Louisiana

Prepared by:

Terracon Consultants, Inc.

Baton Rouge, Louisiana

Offices Nationwide
Employee-Owned

Established in 1965
terracon.com

Terracon

Geotechnical ■ Environmental ■ Construction Materials ■ Facilities



November 16, 2012

Volkert, Inc.
1500 North Market Street, Suite B-100
Shreveport, Louisiana 71107

Attn: Ms. Kimberly Nelson

Re: SPN: 455-09-0025
Asbestos Survey
Parcel 18-6
Shreveport, Caddo Parish, Louisiana
I-49 Segment K – I-220 to Martin Luther King Jr. Drive
Terracon Project No. EH127077.3

Dear Ms. Nelson:

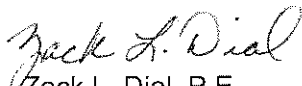
The purpose of this report is to present the results of an asbestos survey performed on October 2, 2012, at the above referenced structure in Shreveport, Caddo Parish, Louisiana. This survey was conducted in accordance with the Contract for Asbestos Inspection, dated August 2012, between Terracon Consultants, Inc. (Terracon) and Volkert, Inc.. We understand this survey was requested due to the planned demolition of the structure as part of the I-49 construction project in Caddo Parish.

Regulated asbestos-containing materials (RACM) and non-regulated asbestos containing materials (ACM) were identified. Please refer to the attached report for details.

Terracon appreciates the opportunity to provide this service to Volkert, Inc.. If you have any questions regarding this report, please contact the undersigned at 225-344-6052.

Sincerely,

Terracon


Zack L. Dial, P.E.
Project Engineer


Ricky M. Simon
Senior Principal/Regional Manager

Terracon Consultants, Inc. 2822-B O'Neal Lane, Baton Rouge, LA
P [225]344-6052 F [225] 344-6346 terracon.com

Geotechnical

Environmental

Construction Materials

Facilities

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EXECUTIVE SUMMARY – SPN: 455-09-0025, PARCEL 18-6

Terracon Consultants, Inc. (Terracon) conducted an asbestos survey of the vacant residential structure located on Parcel 18-6 in Shreveport, Caddo Parish, Louisiana. The property address is 2706 North Hill Drive, Shreveport, Louisiana and Terracon understands the Louisiana Department of Transportation and Development (LDOTD) is the property owner. It is our understanding that LDOTD is planning to demolish the structure as part of the I-49 construction project in Caddo Parish. The purpose of this survey was to identify and sample suspect asbestos-containing materials (ACM) and provide information regarding the identity, location, condition and approximate quantities of ACM in building components.

The survey was conducted on October 2, 2012, by Mr. Zack L. Dial, a Louisiana Department of Environmental Quality (LDEQ) certified asbestos inspector, in general accordance with the sampling protocols established in Environmental Protection Agency (EPA) 40 Code of Federal Regulations (CFR) 763. Twenty-two (22) bulk samples were collected from ten (10) homogeneous areas of suspect ACM. Asbestos in concentrations of more than one percent (1%) was identified in the following materials:

- 12"x12" tan vinyl floor tile with black mastic
- Black mastic under white and tan sheet flooring
- Roll-applied wall texture
- Spray applied wall texture

The tan 12"x12" vinyl floor tile and associated black mastic identified in the front bedroom under the carpet and the black mastic under the sheet flooring in the back bathroom and laundry room are considered Category I Non-friable ACM. According to EPA NESHAP regulations, resilient sheet flooring, associated flooring adhesives, and pliable mastics, are considered Category I non-friable materials unless they are damaged to the extent that they could be crumbled, pulverized or reduced to powder by hand pressure when dry. Such Category I non-friable ACM need not be removed unless demolition or renovation activities will involve intentional burning, grinding, mechanically chipping, drilling, sand or bead blasting, explosive demolition or other methods which could mechanically powder the material or otherwise render it friable. Terracon recommends that the identified non-regulated ACM be removed and disposed of by a Louisiana-licensed asbestos abatement contractor prior to any renovation activity that will disturb the asbestos-containing materials identified.

The roll-on wall texture was identified in the front bedroom and the spray applied wall texture was identified in the living room, kitchen, and hall. Both materials are considered friable ACM. According to EPA NESHAP regulations, friable ACM is required to be abated prior to demolition.

Asbestos Survey Report

SPN: 455-09-0025 ■ Parcel 18-6

November 16, 2012 ■ Terracon Project No. EH127077.3



Terracon recommends that the identified ACM be removed and disposed of by a Louisiana-licensed asbestos abatement contractor prior to any renovation or demolition activity that will disturb the asbestos-containing materials identified.

The following material was found to contain asbestos at a concentration of less than one percent (1%) and is therefore not considered asbestos-containing per applicable EPA and State of Louisiana guidelines:

- Drywall/joint compound composite

The drywall/joint compound was found throughout the structure. OSHA 29 CFR 1926.1101 requires that workers performing construction-related activities (including demolition) be protected from asbestos fibers in excess of the permissible exposure limit of 0.1 fibers/cc air. The owners should notify the demolition contractor of the findings of this survey and the potential for asbestos fiber exposure during removal of this material during demolition activities. Demolition contractors are advised to comply with applicable provisions of OSHA 29 CFR 1926.1101 during demolition activities.

Please refer to the attached report for details.

ASBESTOS SURVEY REPORT

I-49 Segment K – I-220 to Martin Luther King, Jr. Drive

SPN: 455-09-0025, Parcel 18-6

Shreveport, Caddo Parish, Louisiana

Terracon Project No. EH127077.3

1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) conducted an asbestos survey of the residential structure located on Parcel 18-6 in Shreveport, Caddo Parish, Louisiana. The survey was conducted on October 2, 2012 by Mr. Zack L. Dial; a LDEQ certified asbestos inspector, in accordance with the Volkert, Inc. Contract for Asbestos Inspection, August, 2012, between Terracon and Volkert, Inc.. Interior and exterior building components were surveyed and homogeneous areas of suspect asbestos-containing materials (ACM) were visually identified and documented. Suspect ACM samples were collected in general accordance with the sampling protocols outlined in EPA regulation 40 CFR 763 (Asbestos Hazard Emergency Response Act, AHERA). Samples were delivered to an accredited laboratory for analysis by polarized light microscopy.

1.1 Project Objective

We understand this asbestos survey was requested due to the planned demolition of the structure. EPA regulation 40 CFR 61, Subpart M, National Emission Standards for Hazardous Air Pollutants (NESHAP), prohibits the release of asbestos fibers to the atmosphere during renovation or demolition activities. The asbestos NESHAP requires that potentially regulated asbestos-containing building materials be identified, classified and quantified prior to planned disturbances or demolition activities.

2.0 BUILDING DESCRIPTION

The structure is an approximate 1,200-square foot stand-alone one-story, wood-frame residence on a concrete slab foundation with unknown construction date. The exterior consists of wood and brick with wood frame windows and doors. Interior walls and ceilings consist of finished drywall and joint compound and floors were a variety of resilient sheet and tile flooring. Heating, ventilation, and air-conditioning systems consisted of a split system.

3.0 FIELD ACTIVITIES

The survey was conducted by Mr. Zack L. Dial, a LDEQ certified asbestos inspector. A copy of Mr. Dial's asbestos inspector certificate is attached in Appendix D. The survey was conducted in general accordance with the sample collection protocols established in EPA regulation 40 CFR

763, the Asbestos Hazard Emergency Response Act (AHERA). A summary of survey activities is provided below.

3.1 Visual Assessment

Our survey activities began with visual observation of the interior and exterior of the building to identify homogeneous areas of suspect ACM. A homogeneous area consists of building materials that appear similar throughout in terms of color, texture and date of application. Interior and exterior assessment was conducted throughout visually accessible areas of the building. Building materials identified as concrete, glass, wood, masonry, metal or rubber were not considered suspect ACM.

Where applicable, Terracon lifted flooring in several areas in the building and did not observe additional floor coverings/layers except where noted in this report; however, as Terracon could not assess beneath all areas with flooring present, there may be isolated areas of additional suspect material present beneath carpet and floor tiles.

3.2 Physical Assessment

A physical assessment of each homogeneous area of suspect ACM was conducted to assess the friability and condition of the materials. A friable material is defined by the EPA as a material which can be crumbled, pulverized or reduced to powder by hand pressure when dry. Friability was assessed by physically touching suspect materials.

3.3 Sample Collection

Based on results of the visual observation, bulk samples of suspect ACM were collected in general accordance with AHERA sampling protocols. Random samples of suspect materials were collected in each homogeneous area. Sample team members collected bulk samples using wet methods as applicable to reduce the potential for fiber release. Samples were placed in sealable containers and labeled with unique sample numbers using an indelible marker.

Twenty-two (22) bulk samples were collected from ten (10) homogeneous areas of suspect ACM. A summary of suspect ACM samples collected during the survey is included as Appendix A.

3.4 Sample Analysis

Bulk samples were submitted under chain of custody to Steve Moody Micro Services, LLC (SMMS) in Farmers Branch, Texas for analysis by polarized light microscopy with dispersion staining techniques per EPA methodology (40 CFR 763, Subpart E). The percentage of asbestos, where applicable, was determined by microscopical visual estimation. SMMS is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP Accreditation

No. 102056) and Louisiana Environmental Laboratory Accreditation Program (LELAP Accreditation No.04089).

4.0 REGULATORY OVERVIEW

The asbestos NESHAP (40 CFR Part 61, Subpart M) regulates asbestos fiber emissions and asbestos waste disposal practices. It also requires the identification and classification of existing building materials prior to demolition or renovation activity. Under NESHAP, asbestos-containing building materials are classified as either friable, Category I non-friable or Category II non-friable ACM. Friable materials are those that, when dry, may be crumbled, pulverized or reduced to powder by hand pressure. Category I non-friable ACM includes packings, gaskets, resilient floor coverings and asphalt roofing products containing more than 1% asbestos. Category II non-friable ACM are any materials other than Category I materials that contain more than 1% asbestos.

Friable ACM, Category I and Category II non-friable ACM which is in poor condition and has become friable or which will be subjected to drilling, sanding, grinding, cutting or abrading and which could be crushed or pulverized during anticipated renovation or demolition activities are considered regulated ACM (RACM). RACM must be removed prior to renovation or demolition activities which will disturb the materials.

The State of Louisiana has established the Louisiana Department of Environmental Quality Asbestos Handbook, which requires any asbestos-related activity in a state building or school to be performed by an individual or company accredited or licensed by the State of Louisiana, through the LDEQ. An asbestos-related activity consists of the disturbance (whether intentional or unintentional) or abatement of ACM, the performance of asbestos surveys, the development of management plans and response actions, asbestos project design, the collection or analysis of asbestos samples, monitoring for airborne asbestos or any other activity required to be accredited or licensed under Louisiana Department of Environmental Quality Asbestos Handbook.

In non-state, non-school buildings, the following activities must be performed by accredited individuals or licensed companies: asbestos surveys, asbestos abatement, and monitoring for airborne asbestos. However, the EPA Model Accreditation Program (MAP) requires that a project design for the abatement of friable ACM (greater than a small-scale, short duration activity) be written by an EPA-accredited project designer.

RACM must be removed prior to renovation or demolition activities that will disturb the materials. The owner or operator must provide the LDEQ with written notification of planned removal activities at least 10 working days prior to the commencement of asbestos abatement activities. Removal of RACM must be conducted by a State of Louisiana licensed asbestos

abatement contractor. In addition, third party air monitoring must be performed prior to, during, and following the abatement.

The OSHA Asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos. The OSHA standard requires that employee exposure to airborne asbestos fibers be maintained below 0.1 asbestos fibers per cubic centimeter of air (0.1 f/cc). The OSHA standard classifies construction and maintenance activities which could disturb ACM, and specifies work practices and precautions which employers must follow when engaging in each class of regulated work.

5.0 FINDINGS AND RECOMMENDATIONS

Asbestos in concentrations of more than one percent (1%) was identified in the following materials:

- 12"x12" tan vinyl floor tile with black mastic
- Black mastic under white and tan sheet flooring
- Roll-applied wall texture
- Spray applied wall texture

The tan 12"x12" vinyl floor tile and associated black mastic identified in the front bedroom under the carpet and the black mastic under the sheet flooring in the back bathroom and laundry room are considered Category I Non-friable ACM. According to EPA NESHAP regulations, resilient sheet flooring, associated flooring adhesives, and pliable mastics, are considered Category I non-friable materials unless they are damaged to the extent that they could be crumbled, pulverized or reduced to powder by hand pressure when dry. Such Category I non-friable ACM need not be removed unless demolition or renovation activities will involve intentional burning, grinding, mechanically chipping, drilling, sand or bead blasting, explosive demolition or other methods which could mechanically powder the material or otherwise render it friable. Terracon recommends that the identified non-regulated ACM be removed and disposed of by a Louisiana-licensed asbestos abatement contractor prior to any renovation activity that will disturb the asbestos-containing materials identified.

The roll-on wall texture was identified in the front bedroom and the spray applied wall texture was identified in the living room, kitchen, and hall. Both materials are considered friable ACM. According to EPA NESHAP regulations, friable ACM is required to be abated prior to demolition.

Terracon recommends that the identified ACM be removed and disposed of by a Louisiana-licensed asbestos abatement contractor prior to any renovation or demolition activity that will disturb the asbestos-containing materials identified.

The following material was found to contain asbestos at a concentration of less than one percent (1%) and is therefore not considered asbestos-containing per applicable EPA and State of Louisiana guidelines:

- Drywall/joint compound composite

The drywall/joint compound was found throughout the structure. OSHA 29 CFR 1926.1101 requires that workers performing construction-related activities (including demolition) be protected from asbestos fibers in excess of the permissible exposure limit of 0.1 fibers/cc air. The owners should notify the demolition contractor of the findings of this survey and the potential for asbestos fiber exposure during removal of this material during demolition activities. Demolition contractors are advised to comply with applicable provisions of OSHA 29 CFR 1926.1101 during demolition activities.

It should be noted that suspect materials, other than those identified during this survey may exist within the building. Should suspect materials other than those which were identified during this survey be uncovered during the demolition process, those materials should be assumed asbestos-containing until sampling and analysis can confirm or deny their asbestos content.

A summary of the classification, condition and approximate quantity of identified ACM are presented in Appendix B. Laboratory analytical reports are included in Appendix C.

6.0 GENERAL COMMENTS

This asbestos survey was conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions in the same locale. The results, findings, conclusions and recommendations expressed in this report are based on conditions observed during our survey of the building. The information contained in this report is relevant to the date on which this survey was performed, and should not be relied upon to represent conditions at a later date. This report has been prepared on behalf of and exclusively for use by the Louisiana Department of Transportation and Development for specific application to their project as discussed. This report is not a bidding document. Contractors or consultants reviewing this report must draw their own conclusions regarding further investigation or remediation deemed necessary. Terracon does not warrant the work of regulatory agencies, laboratories or other third parties supplying information which may have been used in the preparation of this report. No warranty, expressed or implied is made.

APPENDIX A
ASBESTOS SURVEY SAMPLE SUMMARY
I-49 Segment K – I-220 to Martin Luther King Jr. Drive
SPN: 455-09-0025, Parcel 18-6
Shreveport, Caddo Parish, Louisiana
Terracon Project No. EH127077.3

HA	Sample No.	Description	Sample Location
1	18-6-01	12"x12" Tan Vinyl Floor Tile with Black Mastic (under carpet)	Front Bedroom
1	18-6-02	12"x12" Tan Vinyl Floor Tile with Black Mastic (under carpet)	Front Bedroom
2	18-6-03	White Sheet Flooring with Black Mastic	Back Bathroom
2	18-6-04	White Sheet Flooring with Black Mastic	Back bathroom
3	18-6-05	Tan Sheet Flooring	Laundry room
3	18-6-06	Tan Sheet Flooring	Laundry room
4	18-6-07	White Leveling Compound	Laundry room
4	18-6-08	White Leveling Compound	Laundry room
5	18-6-09	Roll-on Wall Texture	Front Bedroom
5	18-6-10	Roll-on Wall Texture	Front Bedroom
6	18-6-11	Spray Applied Wall Texture	Living room, kitchen, Hall
6	18-6-12	Spray Applied Wall Texture	Living room, kitchen, Hall
7	18-6-13	Drywall Joint Compound	Throughout
7	18-6-14	Drywall Joint Compound	Throughout
7	18-6-15	Drywall Joint Compound	Throughout
8	18-6-16	Ceiling Texture (popcorn)	Throughout
8	18-6-17	Ceiling Texture (popcorn)	Throughout
8	18-6-18	Ceiling Texture (popcorn)	Throughout
9	18-6-19	Window Caulk	Exterior Windows
9	18-6-20	Window Caulk	Exterior Windows
10	18-6-21	Roof Shingle and Tar Paper	Roof
10	18-6-22	Roof Shingle and Tar Paper	Roof

APPENDIX B

CONFIRMED ASBESTOS CONTAINING MATERIAL
I-49 Segment K – I-220 Martin Luther King Jr. Drive
SPN: 455-09-0025, Parcel 18-6, Structure A
Shreveport, Caddo Parish, Louisiana
Terracon Project No. EH127077.3

HA No.	Description	Material Location	Percent/Type Asbestos	NESHAP Classification	Condition	Estimated Quantity*
1	12"X12" Tan vinyl floor Tile with black mastic	Front bedroom	3%C-Floor Tile 5%C-Black Mastic	Non-ACM per NESHAP	Good	400 ft ²
2	Black mastic under the white sheet flooring	Back bathroom	3%C	Category I non-friable ACM	Good	50 ft ²
3	Black mastic under the tan sheet flooring	Laundry room	3%C	Category I non-friable ACM	Good	80 ft ²
5	Roll-on wall texture	Front bedroom	2%C	Friable ACM	Good	200 ft ²
6	Spray applied wall texture	Living room, kitchen, hall	2%C	Friable ACM	Good	600 ft ²
7	Drywall and joint compound	Throughout	<1%C	Non-ACM per NESHAP	Good	1,800 ft ²

* Quantities are estimates only.

lf = linear feet

ft² = square feet

C = Chrysotile asbestos

APPENDIX C
ASBESTOS LABORATORY ANALYTICAL REPORTS

PLM Summary Report

Steve Moody Micro Services, LLC

2051 Valley View Lane

Farmers Branch, TX 75234 Phone: (972) 241-8460

NVLAP Lab No. 102056

TDSHS License No. 30-0084

LELAP ID#04089

Client : Terracon - Baton Rouge, LA
 Project : 1-49 Subsegment K, Parcel 18-6
 Project # : EH127077.3 Sample Date : 10/02/2012
 Identification : Asbestos, Bulk Sample Analysis
 Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)
 EPA Method 600 / R-93 / 116

Lab Job No. : 12B-12312

002

Report Date : 10/25/2012

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On 10/16/2012, twenty two (22) bulk material samples were submitted by Zack Dial of Terracon - Baton Rouge, LA for asbestos analysis by PLM/DS. The PLM Detail Report is attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
18-6-01	12" x 12" Vinyl Floor Tile (Tan) with Mastic (Black), Front BR, under Carpet	3% Chrysotile - Floor Tile 5% Chrysotile - Black Mastic
18-6-02	12" x 12" Vinyl Floor Tile (Tan) with Mastic (Black), Front BR, under Carpet	Not Analyzed - Positive Stop
18-6-03	Sheet Floor (White), Back Bathroom	None Detected - Sheet Flooring None Detected - Fiber Backing None Detected - Yellow Mastic
18-6-04	Sheet Floor (White), Back Bathroom	None Detected - Sheet Flooring None Detected - Fiber Backing None Detected - Yellow Mastic 3% Chrysotile - Black Mastic
18-6-05	Sheet Floor (Tan), Laundry Room	None Detected - Sheet Flooring None Detected - Fiber Backing 3% Chrysotile - Black Mastic
18-6-06	Sheet Floor (Tan), Laundry Room	None Detected - Sheet Flooring None Detected - Fiber Backing
18-6-07	Leveling Compound (White), Laundry Room	3% Chrysotile - Black Mastic None Detected - Leveling Compound
18-6-08	Leveling Compound (White), Laundry Room	3% Chrysotile - Black Mastic None Detected - Leveling Compound
18-6-09	Roll-on Wall Texture, Walls, Front BR Only	2% Chrysotile - Old Texture None Detected - New Texture
18-6-10	Roll-on Wall Texture, Walls, Front BR Only	Not Analyzed - Positive Stop
18-6-11	Spray Applied Wall Texture, Walls, Living Room, Kitchen, Hall	2% Chrysotile - Old Texture None Detected - New Texture
18-6-12	Spray Applied Wall Texture, Walls, Living Room, Kitchen, Hall	Not Analyzed - Positive Stop

PLM Summary Report

Steve Moody Micro Services, LLC

2051 Valley View Lane

Farmers Branch, TX 75234 Phone: (972) 241-8460

NVLAP Lab No. 102056

TDSHS License No. 30-0084

LELAP ID#04089

Client : Terracon - Baton Rouge, LA
Project : 1-49 Subsegment K, Parcel 18-6
Project # : EH127077.3 Sample Date : 10/02/2012
Identification : Asbestos, Bulk Sample Analysis
Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)
EPA Method 600 / R-93 / 116

Lab Job No. : 12B-12312

002

Report Date : 10/25/2012

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On 10/16/2012, twenty two (22) bulk material samples were submitted by Zack Dial of Terracon - Baton Rouge, LA for asbestos analysis by PLM/DS. The PLM Detail Report is attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
18-6-13	Drywall and Joint Compound, Throughout	None Detected - Drywall Material 2% Chrysotile - Joint Compound <1% Chrysotile - Sample Composite
18-6-14	Drywall and Joint Compound, Throughout	None Detected - Drywall Material 2% Chrysotile - Joint Compound <1% Chrysotile - Sample Composite
18-6-15	Drywall and Joint Compound, Throughout	None Detected - Drywall Material 2% Chrysotile - Joint Compound <1% Chrysotile - Sample Composite
18-6-16	Ceiling Texture (Popcorn), Throughout	None Detected - Acoustic Texture
18-6-17	Ceiling Texture (Popcorn), Throughout	None Detected - Acoustic Texture
18-6-18	Ceiling Texture (Popcorn), Throughout	None Detected - Acoustic Texture
18-6-19	Window Caulk, Window, Exterior	None Detected - Caulking
18-6-20	Window Caulk, Window, Exterior	None Detected - Caulking
18-6-21	Roof Shingle and Tar Paper, Roof	None Detected - Roofing Shingle None Detected - Roofing Felt
18-6-22	Roof Shingle and Tar Paper, Roof	None Detected - Roofing Shingle None Detected - Roofing Felt

These samples were analyzed by layers. Quantification, unless otherwise noted, is performed by calibrated visual estimate. Results may not be reproduced except in full. This test report relates only to the samples tested. These test results do not imply endorsement by NVLAP or any agency of the U.S. Government. Accredited by the National Voluntary Laboratory Accreditation Program for Bulk Asbestos Fiber Analysis under Lab Code 102056.



Analyst(s): Jody Thompson

Lab Manager : Bruce Crabb

Lab Director : Steve Moody

Approved Signatory :

Approved Signatory :

Thank you for choosing Steve Moody Micro Services

Steve Moody Micro Services, LLC

2051 Valley View Lane

Farmers Branch, TX 75234 Phone: (972) 241-8460

PLM Detail Report
Supplement to PLM Summary Report

NVLAP Lab No. 102056

TDSHS License No. 30-0084

LELAP ID#04089

Client : Terracon - Baton Rouge, LA

Project : 1-49 Subsegment K, Parcel 18-6

Project # : EH127077.3

Lab Job No. : 12B-12312

Report Date : 10/25/2012

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Sample Number	Layer	% Of Sample	Components	% of Layer	Analysis Date	Analyst
18-6-01	Floor Tile (Light Tan)	98%	Chrysotile	3%	10/17	JT
			Calcite / Vinyl Binders	97%		
	Black Mastic (Black)	2%	Chrysotile	5%		
			Tar Binders	95%		
18-6-02	Not Analyzed - Positive Stop	100%			10/17	JT
18-6-03	Sheet Flooring (Off-White)	47%	Synthetic Foam	70%	10/17	JT
			Vinyl Binders	30%		
	Fiber Backing (Light Grey)	50%	Cellulose Fibers	55%		
			Synthetic Fibers	5%		
			Glass Wool Fibers	5%		
			Binders / Fillers	35%		
	Yellow Mastic (Yellow)	3%	Glue Binders	100%		
18-6-04	Sheet Flooring (Off-White)	46%	Synthetic Foam	70%	10/17	JT
			Vinyl Binders	30%		
	Fiber Backing (Light Grey)	50%	Cellulose Fibers	55%		
			Synthetic Fibers	5%		
			Glass Wool Fibers	5%		
			Binders / Fillers	35%		
	Yellow Mastic (Yellow)	3%	Glue Binders	100%		
	Black Mastic (Black)	1%	Chrysotile	3%		
			Tar Binders	97%		
18-6-05	Sheet Flooring (Light Tan)	50%	Synthetic Foam	70%	10/17	JT
			Vinyl Binders	30%		
	Fiber Backing (Light Grey)	50%	Cellulose Fibers	50%		
			Glass Wool Fibers	5%		
			Calcite / Binders	45%		
			Chrysotile	3%		
	Black Mastic (Black)	<1%	Tar Binders	97%		

Steve Moody Micro Services, LLC

2051 Valley View Lane

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PLM Detail Report
Supplement to PLM Summary Report

NVLAP Lab No. 102056

TDSHS License No. 30-0084

LELAP ID#04089

Client : Terracon - Baton Rouge, LA

Project : 1-49 Subsegment K, Parcel 18-6

Project # : EH127077.3

Lab Job No. : 12B-12312

Report Date : 10/25/2012

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Sample Number	Layer	% Of Sample	Components	% of Layer	Analysis Date	Analyst
18-6-06	Sheet Flooring (Light Tan)	50%	Synthetic Foam	70%	10/17	JT
			Vinyl Binders	30%		
	Fiber Backing (Light Grey)	50%	Cellulose Fibers	50%		
			Glass Wool Fibers	5%		
			Calcite / Binders	45%		
18-6-07	Black Mastic (Black)	5%	Chrysotile	3%	10/17	JT
			Tar Binders	97%		
	Leveling Compound (Off-White)	95%	Calcite / Binders	100%		
18-6-08	Black Mastic (Black)	5%	Chrysotile	3%	10/17	JT
			Tar Binders	97%		
	Leveling Compound (Off-White)	95%	Calcite / Binders	100%		
18-6-09	DW Paper (Tan)	15%	Cellulose Fibers	100%	10/17	JT
	Old Texture (White)	45%	Chrysotile	2%		
			Calcite / Talc / Binders	98%		
	New Texture (White)	40%	Calcite / Talc / Binders	100%		
18-6-10	Not Analyzed - Positive Stop	100%			10/17	JT
18-6-11	DW Paper (Tan)	15%	Cellulose Fibers	100%	10/17	JT
	Old Texture (White)	45%	Chrysotile	2%		
			Calcite / Talc / Binders	98%		
	New Texture (White)	40%	Calcite / Talc / Binders	100%		
18-6-12	Not Analyzed - Positive Stop	100%			10/17	JT
18-6-13	Drywall Material (White)	85%	Cellulose Fibers	2%	10/17	JT
			Gypsum / Binders	98%		
	DW Paper / Tape (Tan / White)	10%	Cellulose Fibers	100%		
			Chrysotile	2%		
	Joint Compound (White)	5%	Calcite / Talc / Binders	98%		
			Chrysotile	<1%		
	Sample Composite (White)		Cellulose Fibers	2%		
			Calcite / Gypsum Binders	98%		

Steve Moody Micro Services, LLC

2051 Valley View Lane

Farmers Branch, TX 75234 Phone: (972) 241-8460

PLM Detail Report
Supplement to PLM Summary Report

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Project : 1-49 Subsegment K, Parcel 18-6

Project # : EH127077.3

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Sample Number	Layer	% Of Sample	Components	% of Layer	Analysis Date	Analyst
18-6-14	Drywall Material (White)	85%	Cellulose Fibers	2%	10/17	JT
			Gypsum / Binders	98%		
	DW Paper / Tape (Tan / White)	10%	Cellulose Fibers	100%		
			Chrysotile	2%		
	Joint Compound (White)	5%	Calcite / Talc / Binders	98%		
			Chrysotile	<1%		
	Sample Composite (White)		Cellulose Fibers	2%		
			Calcite / Gypsum Binders	98%		
18-6-15	Drywall Material (White)	85%	Cellulose Fibers	2%	10/17	JT
			Gypsum / Binders	98%		
	DW Paper (Tan)	10%	Cellulose Fibers	100%		
			Chrysotile	2%		
	Joint Compound (White)	5%	Calcite / Talc / Binders	98%		
			Chrysotile	<1%		
	Sample Composite (White)		Cellulose Fibers	2%		
			Calcite / Gypsum Binders	98%		
18-6-16	Acoustic Texture (White)	100%	Vermiculite	15%	10/17	JT
			Calcite / Binders	85%		
18-6-17	DW Paper (Tan)	5%	Cellulose Fibers	100%	10/17	JT
	Acoustic Texture (White)	95%	Vermiculite	15%		
			Calcite / Binders	85%		
18-6-18	Acoustic Texture (White)	100%	Vermiculite	15%	10/17	JT
			Calcite / Binders	85%		
18-6-19	Caulking (White)	100%	Calcite	50%	10/17	JT
			Binders / Fillers	50%		
18-6-20	Caulking (White)	100%	Calcite	50%	10/17	JT
			Binders / Fillers	50%		

Steve Moody Micro Services, LLC

2051 Valley View Lane

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PLM Detail Report
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Project # : EH127077.3

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Sample Number	Layer	% Of Sample	Components	% of Layer	Analysis Date	Analyst
18-6-21	Sand Layer (Grey)	20%	Aggregate	100%	10/17	JT
	Roofing Shingle (Black)	75%	Glass Wool Fibers	20%		
			Calcite	35%		
			Tar Binders	45%		
	Roofing Felt (Black)	5%	Cellulose Fibers	85%		
			Tar Binders	15%		
18-6-22	Sand Layer (Grey)	20%	Aggregate	100%	10/17	JT
	Roofing Shingle (Black)	70%	Glass Wool Fibers	20%		
			Calcite	35%		
			Tar Binders	45%		
	Roofing Felt (Black)	10%	Cellulose Fibers	85%		
			Tar Binders	15%		

Chain of Custody

Page ____ of ____



Lab Job # 12B-12312 plm 22
 Lab Job # _____
 Lab Job # _____

****Please call in advance for immediate, after-hour, & weekend pricing & availability.****

Turnaround of Culture Samples subject to Culture Growth

ASBESTOS PLM

Bulk ☐ 1 day ☐ 2 day ☐ 3 day ☒ 5 day ☐ Immediate
☐ Analyze All ☒ Positive Stop

LEAD Paint / Soil / Wipe ☐ 1 day ☐ 2 day ☐ 3 day ☐ 5 day ☐ Immediate
PCM Air (7400) ☐ 1 day ☐ 2 day ☐ 3 day ☐ 5 day ☐ Immediate
TOTAL DUST (0500/0600) ☐ 1 day ☐ 2 day

MOLD

Non-culture (Tape / Bulk / Air) ☐ 1 day ☐ 2 day ☐ Immediate
☐ Air Standard Profile ☐ Air Expanded Profile
 Analyze Blanks ☐ Yes ☐ No
 Culture (Swab / Bulk / Plate) ☐ 7-14 day

ASBESTOS TEM

Air AHERA Method ☐ 6 hr ☐ 12hr ☐ 24 hr
 Air 7402 (Modified) ☐ 1 day ☐ 2 day ☐ 3 day
 Bulk/Wipe/Micro Vac ☐ 1 day ☐ 2 day ☐ 3 day
 Water ☐ 1 day ☐ 2 day ☐ 3 day
 Analyze Blanks ☐ Yes ☐ No

BACTERIA

Heterotrophic Plate Count (HPC) ☐ 3 day
 HPC + Gram Stain ☐ 3 day ☐ 5 day
 HPC + 3 Gram Neg ID ☐ 6-8 day
 HPC + 5 Gram Neg ID ☐ 6-8 day
 Fecal Coliform (MPN) ☐ 3 day
 Total Coliform & E Coli (P/A) ☐ 2-3 day

Billing Company / City: FERRACON - BATON ROUGE

Submitter / Company: LEM DIAL

Project: 1-49 Subsegment K, Parcel 18-6

Contact Information: Name: LEM DIAL

E-mail Results to: LLDIAL@ferracon.com

Invoice Address: 2822-B O'Neal Lane, Baton Rouge, LA 70814

of Samples: 22

Sample Date: 10/2/2012

Project #: EH127077.3

Phone #: 225-810-2069

Mobile #: 225-810-2069

P.O. #: EH127077.3

--- Please review paperwork and samples before submitting to lab. Unsealed / improperly packaged samples or excessive administrative requests may incur additional fees---

Notes:

Sample #	Sample Description	Vol. / Area if applicable	Location / Notes
18-6-01	Tan 12x12 VET w/ bl. mastic	~4000 ft	FRONT BR, under carpet
18-6-03	White sheet floor	~50 ft	BACK Bathroom
18-6-05	Tan sheet floor	~80 ft	Laundry room
18-6-07	White leveling compound	~50 ft	Laundry room
18-6-09	Wall texture (Roll-on)	~800 ft	Walls (roll-on) FRONT BR only
18-6-11	Wall texture (Spray-Applied)	~600 ft	Walls - LR, KITCHEN, HALL
18-6-13	Drywall & joint compound	~1,800 ft	Throughout
18-6-15	Popcorn Ceiling texture	~1,200 ft	Throughout
18-6-17	Window Chalk	60 LF	Window (EXTERIOR)
18-6-21	Roof shingle & Tar Paper	1300 ft	Roof

Released By: <u>Jack Dial</u>	Date / Time: <u>10/12/12 1600</u>	Received By: <u>Steve Moody</u>	Date / Time: <u>10/16/12 9:15 AM</u>
Released By: _____	Date / Time: _____	Received By: _____	Date / Time: _____

APPENDIX D
CERTIFICATIONS

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Zack Lem Dial III

Has complied with all requirements of the Louisiana Department of Environmental Quality
and is authorized to perform the duties of

ASBESTOS INSPECTOR

Accreditation No. 31136444

Date of Issuance 5/15/2012

AI No. 136444

Expiration 4/27/2013

Failure to comply with all applicable provisions of La. R.S. 2025.E. (1)(a) and La. R.S. 2025.F. (2)(a)
may result in civil and/or criminal enforcement actions by the State.

Christopher Mayenf
Permit Support Services Division
Office of Environmental Services

APPENDIX E
PHOTOGRAPHS



Photo 1 View of subject residence.



Photo 2 View of rear of structure.



Photo 3 View of kitchen interior finishes.



Photo 4 View of typical bedroom.



Photo 5 View of enclosed garage.